#### ICAO CIRCULAR 2010



### THE CONTINUING AIRWORTHINESS OF AIRCRAFT IN SERVICE

Codes of Airworthiness Used by Different States,
Methods of Handling and Exchange of
Information on Airworthiness Directives
(or their Equivalent), Details of Systems
Used in States for Reporting of Information on
Faults, Defects and Malfunctions and List of the Design
Organizations Responsible for the Type Design/
the Continuing Airworthiness of Aircraft

(Ninth Edition) updated April 2014

Approved by the Secretary General and published under his authority

#### **FOREWORD**

In order to assist those Contracting States that issue Certificates of Airworthiness to establish direct contact with the authorities of other States\* responsible for the continuing airworthiness\* of aircraft and its equipment, and vice versa as needs be, the ICAO Airworthiness Committee, a body of experts authorized by the Council and functioning under the Air Navigation Commission, at its eighth meeting held in Amsterdam in April/May 1968, recommended that ICAO collect the following information, compile it in a suitable form and disseminate it to all Contracting States for their guidance:

- a) the exact address including telephone number and telex or cable address of the agency directly responsible for the issuing of airworthiness directives (or their equivalent);
- b) a brief description of the method for the issuance of airworthiness directives (or their equivalent);
- c) the methods used for informing the individual aircraft owner and the airworthiness authorities of the State of Registry;
- d) the name of the publication in which individual directives and summaries are to be found; and
- e) the list of the design organizations responsible for the type design/the continuing airworthiness of aircraft.

At its fourteenth meeting held in Montreal in October/November 1981, the Airworthiness Committee recommended that details of States' systems for reporting of information on faults, defects and malfunctions should be collected and published in an ICAO circular.

The Air Navigation Commission, by approving the above recommendations, duly authorized the dissemination of all information.

This circular, published by authority of the Secretary General, contains the requisite material. It has been developed from the information provided by Contracting States and integrated into the circular as submitted by States. To assist ICAO in keeping this circular up to date, States are urged to notify any changes and provide any additional material as and when these become available.

<sup>\*</sup> The continuing airworthiness of an aircraft is determined by the State in which the aircraft is registered, in relation to the appropriate airworthiness requirements in force for that aircraft (Annex 8, Part II, Chapter 4, paragraph 4.2).

<sup>\*\*</sup> In this connexion the term "continuing airworthiness" refers to such matters as the promulgation of Service Bulletins, Airworthiness Directives relating to mandatory modifications and the like (Annex 8, Part II, Chapter 4, paragraph4.2.1.1 a)).

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#### 1. INTRODUCTION

To facilitate compliance with provisions 3.2.2 and Chapter 4 of Part II of Annex 8, this circular provides information on codes of airworthiness used by different States for issue or validation of certificates of airworthiness, methods of handling and exchange of information on Airworthiness Directives (or their equivalent) and details of systems used in States for reporting of information on faults, defects and malfunctions, as well as the list of the Design Organizations responsible for the continuing airworthiness of aircraft.

The information contained in this circular is published as provided by States.

#### 2. CODES OF AIRWORTHINESS USED BY DIFFERENT STATES

- 2.1 To facilitate the import and export as well as the exchange of aircraft for lease, charter or interchange and to facilitate the operation of aircraft in international air navigation, Article 33 of the Chicago Convention places the burden on the State of Registry to recognize and/or render valid an airworthiness certificate issued by another Contracting State, subject to the condition that the airworthiness requirements under which a certificate is issued or rendered valid are equal to or above the minimum standards which may be established by ICAO from time to time pursuant to the Convention. These minimum standards are contained in Annex 8, entitled "Airworthiness of Aircraft", the first edition of which was adopted by the Council on 1 March 1949.
- 2.2 Annex 8 includes broad standards which define, for application by the national authorities, the minimum basis for recognition by States of certificates of airworthiness for the purpose of flight of aircraft of other States into and over their territories, thereby achieving, among other things, protection of other aircraft, third persons and property. It is recognized that ICAO standards would not replace national regulations and that national codes of airworthiness containing the full scope and extent of the detail considered necessary by individual States would be required as the basis for the certification of individual aircraft. Each State is thus free to develop its own comprehensive and detailed code of airworthiness or to select a comprehensive and detailed code of airworthiness established by another State.
- 2.3 Information on the codes of airworthiness adopted/used by different States for the issue or validation of certificates of airworthiness is contained in Section B.

### 3. METHODS OF HANDLING AND EXCHANGE OF INFORMATION ON AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT)

A large number of States operate aircraft that have been manufactured and/or certificated in another State. In order to continue to maintain such aircraft at a level of airworthiness equivalent to that achieved in the State in which the certificate of airworthiness for the prototype aircraft was issued, the State in which such aircraft are currently registered needs to obtain regularly all information, in particular, airworthiness directives, service bulletins, etc., issued by the type certification authority, by the manufacturer or, on rare occasions by the airworthiness authority of any other State in which the same type of aircraft are registered, where such information pertains to the continuing airworthiness and the prevention and remedying of recurring defects in aircraft and their equipment. It is necessary then that each State receive all continuing airworthiness information relating to aircraft on its register, no matter what State originates the information. It is equally necessary, to facilitate coordinated corrective measures, for the State of Manufacture to receive continuing airworthiness information originated in any other State relating to aircraft it has manufactured. There are, however, no established procedures for the exchange of such information among the interested parties. As a result, operators and registering authorities in other States are not always aware of the existence of these

airworthiness directives and service bulletins and it is possible that some of these may be of considerable importance from the operational safety viewpoint. A lack of proper coordination among States could, therefore, result in major accidents.

- 3.2 It is also well known that the method used by States to promulgate the information for maintaining continuing airworthiness of the aircraft and its equipment and the format in which this information is provided to the interested parties vary considerably. Most of the aircraft manufacturing States issues this information in the form of airworthiness directives, which are approved by an authority in the manufacturing State responsible for continuing airworthiness. In some cases the airworthiness directives make a reference to the fact that fuller details are available from the service bulletins issued by the manufacturers. Some of the non-aircraft manufacturing States prepare their own airworthiness directives on the basis of information provided by the manufacturing States in the form of either airworthiness directives or service bulletins, and send these to the operators and the owners of aircraft on their national register. Others simply pass on the information received from the manufacturing States to the operators and the owners of aircraft.
- 3.3 These matters came to the attention of the Airworthiness Committee which, at its seventh meeting (Montreal, November December 1966), discussed briefly the difficulties being experienced by certain States in maintaining the continuing airworthiness of imported aircraft. It noted that certain States have bilateral agreements for the exchange of the requisite information. However, it also noted that the detailed procedures vary from one State to another, depending upon the type of organization and the facilities available within the national authorities.
- At its eighth meeting (Amsterdam, April May 1968), the Airworthiness Committee renewed its discussion of this subject and made a detailed study of the procedures followed in several States. It agreed to the need for better coordination between the State of Registry on the one hand and the State of Manufacture or the State of Type Certification\* on the other. Also, concerned States should establish a direct contact and agree upon the method of communication for the requisite information. In addition the committee established a working group which would study all relevant aspects of the problem in the light of the available information with the objective of submitting proposals for the consideration of the committee. In order to assist States in establishing contacts with the authorities responsible for continuing airworthiness of aircraft and their equipment, the committee made the following recommendations.

# "RECOMMENDATION 6.5/1 – DISSEMINATION OF INFORMATION IN RESPECT OF AUTHORITIES RESPONSIBLE FOR CONTINUING AIRWORTHINESS

That ICAO collect the following information in respect of the authorities in the Contracting States responsible for continuing airworthiness, compile it in a suitable form and disseminate to all Contracting States for their guidance:

- the exact address including telephone number and telex or cable address of the agency directly responsible for the issuing of airworthiness directives (or their equivalent);
- ii) a brief description of the method for the issuance of airworthiness directives (or their equivalent);

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<sup>&</sup>lt;sup>1</sup> In ceratin instances the State of Manufacture may not be the same as the State of Type Certification

- iii) the methods used for informing the individual aircraft owner and the airworthiness authorities of States of Registry; and
- iv) the name of the publication in which individual directives and summaries are to be found."

The Air Navigation Commission subsequently approved the recommendation and all Contracting States were requested by ICAO State letter AN 3/33-68/208 dated 3 January 1969 to provide the necessary information. This information was published in 1969 in the first edition (including Addendum No. 1) of this circular.

- 3.5 At its tenth meeting (Montreal, May June 1973) the Airworthiness Committee recommended (Recommendation 4/2) that there should be a periodic updating (at intervals of approximately two years) of this circular in order to take account of changes of address or changes in national procedures related to continuing airworthiness. This recommendation was approved by the Air Navigation Commission on 28 June 1973.
- 3.6 Accordingly, updated information on the names and addresses, including the telephone number, telex number and cable address, where available, of the authorities responsible for continuing airworthiness of aircraft and its equipment is given in Section A and details of practices employed in some of the Contracting States with respect to the format and the methods of exchange of the information are described in Section C.

Note.— The State of Design as described in Annex 8, is herein referred to as: "The Type Certification Authority", "The manufacturing State responsible for continuing airworthiness" and "The State of Type Certification".

#### 4. REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

At its fourteenth meeting (Montreal, October –November 1981) the Airworthiness Committee recognized the need to introduce into Annex 8 a Standard requiring the State of Registry to ensure the existence of a system where information on faults, malfunctions, defects and other occurrences experienced during the operation of an aircraft, which could affect its continued airworthiness, was transmitted to the manufacturers of the aircraft for appropriate action. Accordingly, it developed Recommendation 2/1 for an amendment to Annex 8. The Committee also noted that in a number of States there already existed suitable systems for the reporting of occurrences to the authorities. It felt that details of the systems already in operation should be collected by ICAO and issued in the form of a circular for guidance to all States. Accordingly, it developed Recommendation 2/2 as follows:

# "RECOMMENDATION 2/2 – INFORMATION ON STATES' SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

That ICAO collect information from States on their systems for the mandatory reporting of information on faults, defects, malfunctions and other occurrences which cause or might cause adverse effects on the continuing airworthiness of aircraft and publish such information in an ICAO circular."

The above recommendation was approved by the Air Navigation Commission on 15 December 1981 and the information received from States is provided in Section D.

### 5. LIST OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/THE CONTINUING AIRWORTHINESS OF AIRCRAFT

- At its first meeting (Montreal, January 1988) the Continuing Airworthiness Panel realized that it was sometimes difficult for an airworthiness authority (State of Registry or Operator) or for an operator to identify which organization was responsible for the type design of a particular aircraft, especially when the aircraft were becoming older and production of the type may have ceased; additionally, where organizations in more than one State were engaged in a joint project. It was suggested that this situation might be alleviated if States could be asked to provide the names and addresses of the Type Certificate holders of particular aircraft in their States. Such information could then be published in ICAO Circular 95 (The Continuing Airworthiness of Aircraft in Service). It is not intended for the time being to obtain and publish information on Supplemental Type Certificates.
- The meeting recognized that some States issuing an initial Type Certificate may not include within that Type Certificate those variants of the aircraft type that are not entered on the State's own register. In such cases the only Type Certificate issued may be that issued by a State of Registry. Nevertheless, the organization that produces the Type Design will remain effectively the organization responsible for the continuing airworthiness. Some suitable methods should therefore be found for annotating or separately listing such variants and associating them with an explanation that certain aspects of such variants may only have been investigated in a particular State of Registry.
- 5.3 The meeting recognized that there are already cases where a nominally identical aircraft type is not only being produced and assembled in two separate States but those States have also issued Type Certificates to the organizations assembling the aircraft which imply the acceptance of responsibility associated with the initial Type Certificate (i.e. ability to deal with continuing airworthiness aspects of design as well as production). In such cases, ICAO should request the two States jointly to produce a statement for inclusion in the circular stating the system that they intend should be used for the reporting to them of occurrences.
- 5.4 Accordingly, the meeting developed the following recommendation:

## RECOMMENDATION 1/1 – INFORMATION CONCERNING THE DESIGN ORGANIZATION RESPONSIBLE FOR CONTINUING AIRWORTHINESS

That for each aircraft type over 5 700 kg ICAO should obtain the name and address of the design organization responsible for its continuing airworthiness; that this information should be published in an appropriate ICAO document and thereafter periodically updated.

The above recommendation was approved by the Air Navigation Commission and the information received from States is provided in Section E.

AFGHANISTAN 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation and Tourism Authority Ansari Watt P.O. Box 165 Kabul Republic of Afghanistan

Telephone: + (93) 25541/45 - 26541/45

Cable: MOHAT KABUL

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Presently Afghanistan depends on the Airworthiness Directives and Service Bulletins received from manufacturing State authorities and manufacturing companies respectively. They are duplicated and copies made available to operators as promptly as possible. Compliance therewith is constantly monitored by airworthiness surveyors through appropriate inspections and scrutiny.

Airworthiness alert notifications are given urgent treatment, that is, when received, such a notification is immediately coordinated with the concerned operator for initiating compliance action.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

ALBANIA 1

A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate General of Civil Aviation of Albania Flight Safety Directory Airworthiness Inspection Department Tirana Albania

Attn: Eglantina Manxhari, Chief of Airworthiness

Head Office Rr "Muhamet Gjollesha" Prane parkut te Delegacioneve No. 1, kati i pare Tirana Albania

Telephone + (335) 04 251 220 Facsimile: + (355) 04 226 232

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Airworthiness requirements are based on Law No. 7877 dated 30 November 1994 for Albanian Civil Aviation; Minister's Ordinance No. 140, dated 14 October 2008.

The Certificate of Airworthiness is issued for a period of up to one year, taking into account the aircraft's service life and the calendar time periods of service, if such limitations exist. Airworthiness codes adopted are DGCA and EASA. Part 23, Part 25 and Part 27 are relevant to ensuring the fleet.

#### **Special Conditions**

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Republic of Albania is not a State of Design and/or Manufacture of aircraft, so does not publish Airworthiness Directives (or their equivalent) or Service Bulletins. It uses the Airworthiness Directives (or their equivalent) and Service Bulletins which come from the State of Design.

These documents are then transmitted to the operators whose aircraft are registered in Albania. Occurrences, incidents and accidents will be reported to the State of Design.

The inspectors in charge (airworthiness inspectors) regularly ensure that they are applied by carrying out the necessary checks or inspections when an Airworthiness Certificate is issued or re-validated.

ALBANIA 2

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

There is no special system for communicating information on faults, defects and malfunctions. However, operators whose aircraft are registered in Albania transmit information relating to faults, defects and malfunctions to the DGCA of Albania within 72 hours of discovering any fault, defect or malfunction that may affect the airworthiness of the aircraft.

## E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

The Republic of Albania does not have its own national organizations responsible for Type Design.

ALGERIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate of Civil Aviation and Meteorology, Air Transport Division 01, Rue Ibn Badis El Mouiz (formerly Poirson) El Biar Algeria

Telephone: + (213) 2192 0921 Facsimile: + (213) 2192 0932

E-mail: m\_benchemam@hotmail.com

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### Established by the State

Executive Decree No. 04-108 dated 13 April 2004 stipulating the characteristics and conditions for the issue and renewal of Certificates of Airworthiness and national laissez-passer of the aircraft listed in the Algerian aircraft register.

#### Adopted from another State

As per Instruction No. 1545/DACM dated 29 June 2004 concerning airworthiness codes, the Algerian Civil Aviation Authority (DACM) has adopted by reference the following United States FAR and European JAR regulations:

- FAR Part 23: Airworthiness standards for normal, utility or acrobatic category aeroplanes with a maximum weight at take-off of 5 700 kg.
- FAR Part 25: (JAR 25 for European products) airworthiness standards for transport category aeroplanes.
- FAR Part 27: Airworthiness standards for normal category rotorcraft with a maximum weight at take-off of 2 700 kg.
- FAR Part 29: Airworthiness standards for transport category rotorcraft.
- JAR 22: Airworthiness standards for utility or acrobatic category gliders.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Since Algeria is not a State of Design, it does not publish Airworthiness Directives (ADs).

As a State of Registry, Algeria directly adopts the mandatory information on continuing airworthiness, and analyzes and decides on appropriate measures concerning the different types of foreign-designed aircraft registered in the national aircraft register.

A violation of a Directive results in suspension of the validity of the Certificate of Airworthiness of the aircraft in questions.

Mandatory information concerning continuing airworthiness of the aircraft (or of an element of aircraft equipment) registered in the Algerian aircraft register (ADs) originates from the following:

ALGERIA 2

- - the State of Design;the official services responsible for civil aviation;
  - for imported material, the airworthiness services of foreign authorities.

ADs are defined by the Algerian Directorate of Civil Aviation and Meteorology as Technical Airworthiness Instructions and are redistributed by the VERITAL delegated service to the relevant owners.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

In accordance with the regulatory provisions provided in Instruction No. 756/DACM dated 3 April 2004 concerning aircraft technical logs for aircraft operated on national territory, Algeria, as a State of Registry, has required air transport companies to have a system for registering faults and defects discovered during operation as well as for registering any maintenance done on the aircraft during its operation between scheduled visits to maintenance facilities.

Pursuant to Instruction No. 700/DACM dated 2 May 2001, air traffic service agents should notify the Civil Aviation Authority (DACM) of all incidents leading to flight delays or during operation.

This notification shall be provided by telegraph and shall contain the following mandatory information:

- date;
- place;
- aircraft type and registry number;
- owner;
- type of flight;
- departure and destination aerodromes;
- number of persons on board and name of the pilot-in-command;
- nature and circumstances:
- any other useful comments.

Furthermore, the owner/operator shall notify the Civil Aviation Authority (DACM) via the VERITAL delegated service within three days of any incident occurring during operation.

The VERITAL delegated oversight organization shall, in turn, establish a detailed report of circumstantial information for the competent services, accompanied by a Defect Record indicating the nature of the defects as well as the work done.

In the event that a defect remains or is of a repetitive nature, the Civil Aviation Authority (DACM) shall require the owner to inform the State of Design of the defects discovered so that it can take the necessary measures.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONT INUING AIRWORTHINESS OF AIRCRAFT

Algeria does not presently have any design organizations.

ANDORRA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Département des Transports et de l'Energie Ministère de l'Economie Carrer Prat de la Creu, 62-64 Andorra la Vella Andorra

Telephone: + (376) 875 700 Facsimile: + (376) 861 519 E-mail: d.i.t@andorra.ad

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

## E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

ANGOLA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

National Directorate of Civil Aviation Senior Official Rua Miguel de Melo Nº 96, 6º Andar Luanda Angola

Telephone: + (244 2) 33 85 96

+ (244 2) 33 59 36

Facsimile: + (244 2) 39 05 29 AFTN: FNLUYNYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

## E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate of Civil Aviation, Organization of Eastern Caribbean States, together with UK CAA Advisory Service:

Factory Road PO Box 1130 St John's Antigua

Telephone: + (268) 462 0907 Facsimile: + (268) 462 4145 E-mail: oecs.dca@candw.ag

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

The names of the airworthiness codes for Antigua and Barbuda are the Civil Aviation (Air Navigation) Regulations 1996 and 1997 and these are based on the Overseas Territories (Dependent territories) Order 1989.

#### **Special Conditions**

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives received from manufacturers and/or Airworthiness Authority of a State are immediately communicated to local operators.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

International reporting on information on facts, defects and malfunctions is accomplished mainly by AFTN, facsimile, e-mail or regular postal services after the level of urgency has been established.

## E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

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### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Dirección Nacional de Aeronavegabilidad Junín 1060 C.P. C1113AAF – Ciudada Autónoma de Buenos Aires República Argentina

Telephone: + (54) 11 4508 2106 Facsimile: + (54) 11 4508 2108 E-mail: direccion@dna.org.ar

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Regulations of Argentina (DNAR)**

•	Part 21	Certification Procedures for Products and Parts					
•	Part 22	Airworthiness Standards: Gliders and Powered Gliders					
•	Part VLA	Very Light Aeroplanes					
•	Part 23	Airworthiness Standards: Normal, Utility, Acrobatic and Commuter					
		CategoryAeroplanes					
•	Part 25	Airworthiness Standards: Transport Category Aeroplanes					
•	Part 27	Airworthiness Standards: Normal Category Rotorcraft					
•	Part 29	Airworthiness Standards: Transport Category Rotorcraft					
•	Part 31	Airworthiness Standards: Manned Free Balloons					
•	Part 33	Airworthiness Standards for Aircraft Engines					
•	Part 34 Airworthiness Standards: Fuel Venting and Exhaust Emission Requirements for						
		Turbine Engine Power Aeroplanes					
•	Part 35	Airworthines Standards: Propellers					
•	Part 36	Noise Standards: Aircraft Type and Airworthiness Certification					

#### **Special Conditions**

Aircraft imported into Argentina must have the original type certificate rendered valid by the National Airworthiness Authority prior to the issuance of the Certificate of Airworthiness.

Imported aircraft must have a Certificate of Airworthiness for Export issued by the foreign civil aviation authority certifying that the aircraft complies with the type design approved by Argentina and that the aircraft is fit for safe operation.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

By issuing Airworthiness Directives (ADs), the National Airworthiness Authority (DNA) establishes the actions necessary to ensure continuing airworthiness. Argentine ADs are issued and distributed by the DNA

to all commercieal air transport and aerial work companies, repair stations, manufacturers of the products concerned, and foreign civil aviation authorities via letter, fax or e-mail, depending on the urgency of the matter. They are also published on the DNA's website at www.dna.org.ar.

Argentine ADs are not issued for imported products. ADs or airworthiness instructions considered mandatory by the civil aviation authority of the country of the organization holding the original Type Certificate in force shall, in accordance with DNAR Part 39, be regarded as equivalent to Argentine ADs. Nevertheless, if the DNA deems it necessary, it can issue an Argentine Airworthiness Directive to replace the foreign AD.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The regulations in force require that the National Airworthiness Authority be notified of any defect or malfunction affecting flight safety. To this end, the National Airworthiness Authority established the In-Service Difficulties Report, Form 8010-1, for use by aircraft operators, owners, manufacturers and repair stations.

Air transport operators must report any failure, malfunction or defect in compliance with Part 121, Section 121.703. Mechanical Reliability Reports, and Part 135, Section 135.415, Mechanical Reliability Report.

Part 145, Section 145.221, Reports of Failures, Malfunctions or Defects, establishes that a repair station must report to the National Airworthiness Authority within 72 hours after it discovers any serious defect or other factor jeopardizing the airworthiness of aircraft, engines, propellers or any of their components.

Part 21, Section 21.3, Reporting of Failures, Malfunctions and Defects, establishes that the holder of a Type Certificate, Supplemental Type Certificate, Parts Manufacturer Approval or Technical Standard Order Authorization or the licensee of a Type Certificate must report to the National Airworthiness Authority within 24 hours after it discovers any failure, defect or malfunction in any product manufactured by it.

As well, the guidance material for completion of the In-Service Difficulties Report in general aviation and commercial air transport operations is published in Advisory Circular 20-109, In-Service Difficulties Report.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

LAVIA SA Av. Colón 412, PB Dpto. B 5500 Mendoza Tel. 0054-261-448-9198

E-mail: laviasamendoza@ciudad.com.ar

This company holds the Type Certificates for the following aircraft models:

PA-25-235/260 Pawnee, PA-25-235/260 Puelcehe, PA 25 PLANAR IND. AERONÁUTICA, S. A. Arturo M. Bas 17 5000 Córdoba

Tel. 0054-351-421-4244

This company holds the Type Certificate for the following aircraft model:

ASK 18-AR (Glider)

AEROBOERO S.A. Brasil y Alem 2421 Morteros Córdoba Tel. 0054-3562-425608

This company holds the Type Certificate for the following aircraft models:

AB 95, AB 115, AB 150AG, AB 180, AB 180AG and AB 180 RVR

#### PROYECTO PETREL, S.A.

Av. Julio A. Roca 570 Piso 3 Dpto. B 1067 Ciudad Autónoma de Buenos Aires

Tel: 0054-11-4342-2679

This company holds the Type Certificate for the following aircraft model:

Petrel 912i

#### **PROMAER**

Arenales 1395 1870 Avellaneda **Buenos Aires** 

Tel: 0054-11-4205-2680

E-mail: <a href="mailto:promaer@speddy.com.ar">promaer@speddy.com.ar</a>

The company holds the Type Certificate for the following aircraft model:

Pro 24-42 (Balloon)

CLERICI HÉLICES

Santa María de Oro 3061

1712 Castelar **Buenos Aires** 

Tel: 0054-11-4623-5754 E-mail: <a href="mailto:clerici@satlink.com">clerici@satlink.com</a>

This company holds the Type Certificate for the following propeller model:

HCF-28 (Propeller)

PIGNOLO, S.A. HÉLICES Roberto Laplace 3218 1611 Don Torcuato Buenos Aires Tel: 0054-11-4741-2035

This company holds the Type Certificate for the following propeller models:

BP 7242 (Propeller), BP 7644 (Propeller), BP 7244 (Propeller), BP 7646 (Propeller), BP 7248 (Propeller), BP 9067 (Propeller)

ARMENIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

General Department of Civil Aviation at the Government of the Republic of Armenia (GDCA RA) Flight Standards and Flight Safety Inspection Departments "Zvartnots" Airport Yerevan Republic of Armenia

Telephone: + (37410) 593 267/593 005

Telephone/fax: + (37410) 285 345 AFTN: UDDUYLYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The Regulation on Aircraft State Registration, Conducting the Register, Issuance of Airworthiness Certificates and Recognition of Foreign Aircraft Airworthiness Certificates in the Republic of Armenia defines the following applicable Airworthiness Codes together with the special conditions: JAR-VLA, JAR-VLR, JAR-22, JAR-23, JAR-25, JAR-26, JAR-27, JAR-29, JAR-34, JAR-36, JAR-TSO, JAR-E, JAR-P, JAR-APU, CS-VLA, CS-VLR, CS-22, CS-23, CS-25, CS-27, CS-29, CS-ETSO, CS-APU, CS-E, CS-P, FAR-22, FAR-23, FAR-25, FAR-27, FAR-29, FAR-33, FAR-34, FAR-35, FAR-36, FAR-125.

Aviation regulations of the Interstate Aviation Committee (IAC) of the Commonwealth of Independent States (CIS): AP-OLS, AP-23, AP-25, AP-27, AP-29, AP-33, AP-36, AP-VD.

Airworthiness Code for Russian civil aircraft: NLGS, NLGS-2, NLGS-3, ENLGS and NLGV.

A Certificate of Airworthiness is issued for a period of up to three years, taking into account the aircraft's service life, technical condition and the calendar time periods of heavy maintenance checks. The extension of a Certificate of Airworthiness is issued on the basis of an application by the aircraft owner or operator and a report on the inspection and determination of airworthiness.

The GDCA RA may carry out a current check of the aircraft's technical condition or require the owner or operator to provide additional information confirming the civil aircraft's airworthiness.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Republic of Armenia is not a State of Design and/or Manufacture of aircraft. However, in spite of this, the Airworthiness Directives (ADs) received from aircraft designers, operators' information on faults, defects and malfunctions affecting airworthiness in the recommendations on the results of the investigation of aircraft accidents and incidents, develops its own ADs which are sent to all operators by mail or by telegraph (depending on the urgency). The ADs must be complied with by operators urgently or within specified periods of time. The results of the implementation of the requirements of the ADs should be recorded in the aircraft maintenance certificate, applicable information should be sent to the General

ARMENIA 2

Department of Civil Aviation of the Republic of Armenia, to the other addressees as prescribed in the original AD.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The regulations governing civil aviation activities which are in effect in the Republic of Armenia require the aircraft owner or operator to immediately inform the General Department of Civil Aviation of all faults, defects, and malfunctions that may affect the airworthiness of the aircraft. Furthermore, the regulations for the investigation of aircraft accidents and incidents require the owner or operator to immediately notify in writing the General Department of Civil Aviation of the Republic of Armenia which organizes the corresponding investigation/primary actions. The Flight Safety Inspection Department transmits the results of the investigation and the purpose of taking measures to prevent similar unfortunate aviation events to all operators of the Republic of Armenia and all other organizations as prescribed in the reulations for the investigation of aircraft accidents and incidents.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There are no national organizations responsible for type design in the Republic of Armenia.

AUSTRALIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Safety Authority (CASA)

Postal Address GPO Box 2005 Canberra ACT 2601 AUSTRALIA

Street Address Aviation House

Corner Furzer St. and Worgan St.

Phillip ACT 2606 Australia

Telephone: + (612) 6217 1854

Facsimile: + (612) 6217 1442; +612 6217 1903

Out of hours mobile telephone: +(610) 434 563 133 (Group General Manager, Airworthiness

Engineering Group)

E-mail: AIRWORTHINESS.STANDARDS@casa.gov.au

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Civil Aviation Safety Regulations:

Part 21	Certification and Airworthiness Requirements for Aircraft and Parts
Part 22	Airworthiness Standards for Sailplanes and Powered Sailplanes
• Part 23	Airworthiness Standards for Aeroplanes in the Normal, Utility, Acrobatic or
	Commuter Category
Part 25	Airworthiness Standard for Aeroplanes in the Transport Category
• Part 26	Airworthiness Standards for Aircraft in the Primary or Intermediate Category
• Part 27	Airworthiness Standards for Rotorcraft in the Normal Category
• Part 29	Airworthiness Standards for Rotorcraft in the Transport Category
• Part 31	Airworthiness Standards for Manned Free Balloons
• Part 32	Airworthiness Standards for Engines for Very Light Aeroplanes
• Part 33	Airworthiness Standards for Aircraft Engines
• Part 35	Airworthiness Standards for Aircraft Propellers
• Part 39	Airworthiness Directives

Parts 22 through 35 inclusive adopt by reference one or more of the codes specified in the United States Federal Aviation Regulations, and European Aviation Safety Agency's certification specifications.

#### **Special Conditions**

No special conditions for issue or validation of a Certificate of Airworthiness.

AUSTRALIA 2

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

CASA issues Airworthiness Directives (ADs) as instruments under Part 39 of the Civil Aviation Regulations (CARs 1998).

These instruments are amended monthly and are supplied by mail to subscribers of the publication. ADs are also published on the CASA Internet home page:

• http://www.casa.gov.au/airworth/airwd/index.htm.

Uniquely Australian ADs are forwarded by email, facsimile or post to relevant aviation regulatory authorities.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Civil Aviation Regulations Part IVB (Regulations 51 to 53 inclusive) require certain persons to investigate major defects and them to CASA. Defect data, in either printed or electronic format, will be supplied to aviation regulatory authorities on request.

CASA may issue ADs, and often does so in response to discovery of faults, defects or malfunctions where these indicate the continuing presence of an unsafe condition.

CASA may issue advice in Airworthiness Bulletins (AWBs). AWBs are published on the CASA Internet home page http://www.casa.gov.au/airwort/awb/index.htm.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

#### N22 and N24 family of two engine, normal category aeroplanes:

Hawker DeHavilland 226 Lorimer St. Port Melbourne Victoria

#### Jabiru ST, ST3 series of single-engine, two seat aeroplanes:

Jabiru Aircraft Pty Limited PO Box 5168 Bundaberg West Queensland 4670

#### Jabiru 2200 J Engine:

Jabiru Aircraft Pty Limited PO Box 5168 Bundaberg West Queensland 4670 AUSTRALIA 3

#### AX8-90 S1 Balloon:

Balloon Aloft Australia Pty Ltd Lot 1, Main Road North Rothbury NSW 2335

#### GA 200, GA 200C, GA8 single-engined aeroplanes:

Gippsland Aeronautics Pty Ltd PO Box 881 Morwell Victoria 3840

#### **GR 912T single-engined aeroplane:**

Howard Hughes Engineering Pty Ltd PO Box 89 Ballina NSW 2478

#### Various Balloons (full list):

Kavanagh Balloons Pty Ltd 10 Marina Close Mt. Kuring-Gai NSW 2080

#### Victa Airtourer 100, AT 115, 210CS series of single-engined aeroplanes:

Millicer Aircraft Industries Pty Ltd PO Box 1242 Sale Victoria 3850

#### SB7L-235, SB7L-360A series of aeroplanes: BB177 Propeller

Seabird Aviation Australia Pty Ltd PO Box 618 Pialba Queensland 4655

#### CA22A, CA25, CA 25N series of aeroplanes:

Skyfox Aviation Ltd PO Box 910 Caloundra Queensland 4551

#### **Storch SS4:**

Storch Aviation Pty Ltd 113 Koree Island Rd Beechwood NSW 2446

#### Trasavia PL-12 series of aeroplanes:

Transfield (NSW) Pty Ltd

AUSTRIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Austro Control GmbH (ACG) Department AOT/ACE Schnirchgasse 11 A-1030 Wien Austria

Telephone: + (43) 5 1703 1666 Facsimile: + (43) 5 1703 1600 AFTN: LOWWYEYL

Telex: 114276

Note.— Austria has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Acceptable Airworthiness Codes for the issue or validation of certificates of airworthiness in Austria are:

•	Sailplanes and Powered Sailplanes	CS-22
•	Very Light Aeroplanes	CS-VLA
•	Small and Commuter Aeroplanes	CS-23
•	Large Aeroplanes	CS-25
•	Small Helicopters	CS-27
•	Large Helicopters	CS-29
•	Manned Balloons	FAR-31
•	Small Rotorcraft	CS-VLR
•	Engines	CS-E
•	Auxiliary power-units	CS-APU
•	Propellers	CS-P

#### Special Conditions for the issuance of a Certificate of Airworthiness

Administrative and operational requirements for the issuance of a Certificate of Airworthiness are available on the ACG homepage.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

According to (EC) 216/2008, EASA is responsible for the design and the continued airworthiness of products.

For EASA products the Airworthiness Directives (ADs) are published in the EASA homepage. Safety information bulletins will be issued by EASA in case of non-design related safety concerns.

AUSTRIA 2

In addition, to ensure continuing airworthiness for approved/certificated aeronautical equipment used/registered in Austria, ACG may issue an AD in case of maintenance and production problems as necessary.

Methods of informing the owners and States of Registry are as follows: owners of individual aircraft registered in Austria are informed directly by mail through ACG.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

ACG has established and uses an occurrence reporting system which obliges all the civil-registered aircraft owners/operators, approved organizations and airfield personnel to report any faults, defects and malfunctions in accordance with the procedures detailed in the corresponding aviation ordinance. All reports must be submitted to ACG within 72 hours from the time the occurrence was first discovered.

ACG will review these reports and, as required, inform the State of Design (EASA).

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Diamond Aircraft Industries GmbH N.A. Ottostrasse 5 2700 Wr. Neustadt Austria

Ing. H. Brditschka HB-Flugtechnik Gesellschaft mit beschränkter Haftung Dr. Adolf Schärf-Straße 42 4053 Haid Austria

AZERBAIJAN 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

State Concern of Civil Aviation Azerbaijan Hava Yollary 11 Azadlyg propekt Baku-370000 Azerbaijan

Telephone: + (994-12) 98-85-12 / 98-74-23

Facsimile: + (994-12) 98-52-37 Telex: 1422 AZAL SU AFTN: UBBU DTXX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

In Azerbaijan, the following documents comprising the airworthiness code developed by the Interstate Aviation Committee (IAC) have been adopted and are in use:

- AP-23 (aviation regulations) airworthiness code for civil aeroplanes;
- AP-25 airworthiness code for transport category aeroplanes (books 1 and 2);
- AP-29 airworthiness code for transport category rotary-wing aircraft (helicopters);
- AP-35 *airworthiness code for propellers*

#### **Special Conditions**

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

For aeroplanes manufactured in the former USSR and the countries of the Commonwealth of Independent States (CIS), directives are received in the form of bulletins, which are handled and taken into account both by the State concern "Azerbaijan Hava Yollary" and the airlines.

Information on Airworthiness Directives relating to Boeing-727 aeroplanes is handled as part of the monitoring process of the Israeli Aviation Industry (IAI), with which the State concern has an agreement on the technical follow-up on those aeroplanes.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Annual and semi-annual safety status analyses reflecting all incidents and dangerous malfunctions are sent to the airlines of the State concern and the IAC. The IAC likewise provides similar monthly safety analyses concerning the IAC countries.

Aircraft designers are informed of dangerous malfunction which occur on aircraft we operate.

AZERBAIJAN 2

## E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There are no			

BAHAMAS 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Department P.O. Box N-975 Nassau, New Providence, Island Bahamas

Telephone: + (242) 37-77281

+ (242) 37-77117

Facsimile: + (242) 37-72010

E-mail: civilaviation@batelnet.bs Cable: CADAIR BAHAMAS

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

BAHRAIN 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Head of Aircraft Registration and Licensing Air Transport Directorate Civil Aviation Affairs Ministry of Transportation P.O. Box 586 State of Bahrain

Telephone: + (973) 321 006 Facsimile: + (973) 321 061 E-mail: arlas@bahrain.gov.bh

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### Airworthiness Code(s)

- BCARs
- JARs
- FARs

#### **Special Conditions**

Contained in the Air Navigation Technical Regulations, and Technical Procedure reference ARL/AW/03.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

All Airworthiness Directives (ADs) are received from the respective certifying authority of the State of Manufacture (Design). They are then reviewed for applicability for aircraft, engines and equipment on the Bahrain Register of Civil Aircraft, then disseminated to operators for action, as applicable.

For confirmation of compliance with ADs, operators' maintenance organizations are required to submit a statement of compliance prior to the issue of a certificate of airworthiness or annually, prior to its renewal.

Airworthiness surveyors also carry out regular audits of aircraft technical records and physical inspections of aircraft, to verify compliance with airworthiness directives, on a routine basis.

All airworthiness directives, which are published in various formats, are retained by the Civil Aviation Affairs for reference purposes.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The provisions of Article 67 of the Air Navigation Technical Regulations details the requirements for mandatory reporting of faults, defects and malfunctions of aircraft on the Bahrain Register of Civil Aircraft.

BAHRAIN 2

A Mandatory Occurrence Reporting Scheme, P01/05, has been published by the Civil Aviation Affairs. This scheme provides the necessary information and guidance for industry to follow in the event of specified significant occurrences.

The receipt of a Mandatory Occurrence Report activates an investigation by the Civil Aviation Affairs to ensure satisfactory conclusion which may include dissemination to the International Civil Aviation Organization.

## E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

BANGLADESH 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Authority of Bangladesh Kurmitola Dhaka-1206 Bangladesh

Telephone: + (880 2) 8911 122

+ (880 2) 894705

Facsimile: + (880 2) 8913 322 E-mail: caab@bangla.net Cable: CIVILAIR, Dhaka AFTN: VGHQYAYR

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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BARBADOS 1

#### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Barbados Civil Aviation Department Building No. 4 Grantley Adams Industrial Park Christ Church, BB 17089 Barbados

Telephone: + 1(246) 428 0930 Faxsmile: + 1(246) 428 2539 E-mail: civilav@sunbeach.net

**TBPBYAYX** AFTN:

#### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Aircraft Category**

#### **Code of Airworthiness**

Single-engine aeroplane having no more than two European Code of Airworthiness – JAR-VLA seats, a maximum take-off mass not exceeding 750 kg and a take-off speed in landing configuration not exceeding 45 knots.

Aeroplanes having a maximum take-off mass of less than 5 700 kg and whose passenger seat configuration excluding the pilots' seats is nine or less.

FAR, Part 23. JAR-23, Canadian Civil Aviation Regulations Part 23

Large aeroplanes

FAR, Part 25. JAR-25, Canadian Civil Aviation Regulations Part 25, Brazilian Regulations for

Aeronautical Certification RBHA.

Large rotorcraft FAR, Part 29, JAR-29 Small rotorcraft FAR, Part 27. JAR-27

Manned balloons FAR, Part 31

#### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Upon registering an aircraft in Barbados, the Barbados Civil Aviation Department (BCAD) shall:

- notify the State of Design of the registration of the aircraft in Barbados; and
- request:
  - o all Airworthiness Directives (ADs) in respect of the aircraft or its associated aeronautical product; and
  - o any information which the State of Design deems necessary;

for the continuing airworthiness and safe operation of the aircraft.

Where the State of Design considers an aircraft or its associated aeronautical product to be unsafe based on an AD by that State, the State of Design shall issue a directive to Barbados in respect of any registered aircraft of the type identified in the AD.

BARBADOS 2

An operator of a Barbadian aircraft shall, whenever an AD has been issued in respect of the same aircraft or aeronautical product type, comply with the AD.

Where the Director of Civil Aviation (DCA) determines that an aeronautical product has exhibited an unsafe condition and such condition is likely to exist or develop in other aeronautical products of the same Type Design, he shall issue a Special AD prescribing inspections and the conditions and limitations where any, under which such aeronautical products may continue to be operated, where an AD has not been issued by the State of Design.

The findings of any inspection referred to in the paragraph above shall be forwarded immediately by the operator to the DCA and to the State of Design.

Where the State of Design, the DCA or the State of Registry of other aircraft operated within Barbados, issues an AD in respect of an aeronautical product, a person shall not operate the aeronautical product to which the AD applies, except in accordance with the requirements of the AD.

• Barbados Civil Aviation (Airworthiness) Regulation 20

The BCAD ensures that all applicable ADs are complied with by owners/operators of all Barbadian registered aircraft by means of airworthiness inspections and regular surveillance of maintenance records in accordance with the Civil Aviation (Airworthiness) Regulations, 2007.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Operators, approved maintenance organizations, air traffic controllers, pilots and holders of aircraft maintenance licences shall report to the Director of Civil Aviation any faults, failures, malfunctions or defects and other occurrences on any Barbadian aircraft under their control which cause or might cause adverse effects on the continued airworthiness of the aircraft.

• Barbados Civil Aviation (Airworthiness) Regulations, 2007, Regulation 22

Reports on faults, defects and malfunctions may be made on Form DCA AW-025 Service Difficulty Report (SDR).

Operators, approved maintenance organizations, air traffic controllers, pilots and holders of aircraft maintenance licences are directed to Airworthiness Advisory Circular No. 33 for further guidance.

The BCAD will review these SDRs and as required inform the State of Design.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Currently there are no Type Design organizations in Barbados.

BELARUS 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

The State Aviation Committee of the Republic of Belarus 4 Aerodrome Street Minsk 220065 Republic of Belarus

Telephone : + (375) 17 222 5392, + (375) 17 222 5393

Facsimile : + (375) 17 222 7728
AFTN : UMMDMAXX
SITA : MSQFCXH
E-mail : sac@ivcavia.com

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Aviation Regulations, Part 23 (AP-23), Airworthiness Requirements for Light Civil Aeroplanes

Aviation Regulations, Part 25 (AP-25), Airworthiness Requirements for Transport Category Aeroplanes

#### **Special Conditions**

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives are issued and exist in the form of instructions and orders of the State Aviation Committee of the Republic of Belarus.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Urgent information concerning defects and malfunctions on aircraft is exchanged by telephone communication channels and also the AFTN.

Defects which have led to incidents are investigated and the investigation materials are sent to interested organizations by mail.

BELARUS 2

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

#### **Design organizations:**

#### For all types of TU aeroplanes:

OJSC "Tupolev Naberezhnaya Akademika Tupoleva, 15 111250, Moscow Russian Federation

#### For all types of IL aeroplanes:

OJSC "S.V. Ilyushin Aviation Complex Lenigradsky Prospekt, 45-2 125190, Moscow Russian Federation

#### For all types of YAK aeroplanes:

A.S. Yakovlev Experimental Design Bureau Leningradsky Prospekt, 68 125315, Moscow Russian Federation

#### For all types of AN aeroplanes:

"Antonov" Scientific Research and Production Complex Ul. Tupoleva, 1 25062, Kiev Ukraine

#### For all types of MI helicopters:

OJSV "M.L. Mil Moscow Helicopter Plant Sokolnichesky Val, 2 107113, Moscow Russian Federation

#### For all types of KA helicopters:

N.I. Kamov VNTK VI. 8 Marta, 8a 140007, Moscow Oblast, Lyubertsy Russian Federation

BELGIUM 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Service Public Federal Mobilite et Transports Direction générale Transport Aérien Centre Communication Nord — 4ème étage Rue du Progrès 80, Boîte 5 1030 Bruxelles

Telephone: + (32) 206 3211 Facsimile: + (32) 203 1528

E-mail: civilair@mobilit.fgov.be

Service Public Federal Mobilite et Transports Direction générale Transport Aérien Service Navigabilité Rue de la Fusée 90 1130 Bruxelles

Telephone: +(32)7240211

Facsimile: + (32) 724 0201 / 724 0288 / 703 0671

E-mail: civilair@mobilit.fgov.be

Note.— Belgium has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### Airworthiness Code(s)

The Airworthiness Codes used by the Belgian Civil Aviation Authority are:

- JAR 22 Sailplanes and Powered Sailplanes
- JAR AWO All Weather Operations
- JAR E Engines JAR P Propellers
- JAR APU Auxiliary Power Units
   JAR TSO Technical Standards Units
- JAR VLA Very Light Aeroplanes

## C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Airworthiness Directives edited by the authority of the Type Certificate holder are applied.

The exchange of information with other Contracting States on continuing airworthiness matters is based on the European JAR-145 Regulations (Approved Maintenance Organizations) and the "Code de l'Air".

BELGIUM 2

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The international reporting of information on faults, defects and malfunctions is done complete by letter.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Since there is no Type Design of aircraft in Belgium, the Belgian Civil Aviation Authority only participates in the JAA (Joint Aviation Authorities) Joint Certification Projects.

Only parts and appliances are manufactured in Belgium in accordance with the requirements of the certificate holder.

For the moment these design and production activities are covered by national law but in the near future JAR-21 will be applicable.

BELIZE 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Belize Department of Civil Aviation Airworthiness Division P.O. Box 367 Phillip S.W. Goldson International Airport Ladyville Belize

Telephone: + (501) 225 2052 (Director's office)

+ (501) 225 2014 (general office)

Facsimile: + (501) 225 2533 E-mail: dcabelize@btl.net AFTN: MZBZYAYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The Airworthiness Code adopted by Belize for the issue or validation of the Certificates of Airworthiness is the Belize Civil Aviation Regulations (BCAR) 21.

#### **Special Conditions**

To be eligible for import into Belize, Class I, II and III aircraft and aircraft components must be fit for airworthiness certification in the normal category and meet the special requirements which apply. They must also comply with the provisions of the Belize Civil Aviation Regulations (BCAR) 21.

#### Policy for the issue of a Certificate of Airworthiness

The requirements which must be taken into account for the issue of a Certificate of Airworthiness are as follows:

- application form;
- aircraft Type Certificate;
- copy of aircraft statement of compliance;
- aircraft statement of origin;
- aircraft component list;
- foreign flight text report;
- copy of interior flammability test;
- copy of aircraft insurance;
- copy of the Export Certificate of Airworthiness;
- copy of the flight manual or acceptable equivalent document;
- copy of the maintenance manual and parts catalogue prepared by the manufacturer;
- copy of the maintenance programme to be used;
- copy of the record compliance with Airworthiness Directives (ADs);
- a complete set of all the mandatory Service Bulletins (SBs) prepared by the manufacturer or equivalent documents issued in relation to the aircraft;
- the last weight and balance report done on the aircraft; and
- operator's report and recommendation for issuance of the Certificate of Airworthiness.

BELIZE 2

#### Policy for renewing a Certificate of Airworthiness

The applicant must meet the following requirements:

- application form;
- availability of the aircraft at the time and place specified by the Belize Department of Civil Aviation (BDCA) for any inspections and checks deemed necessary; the applicant must provide equipment and staff so that the necessary tests can be carried out satisfactorily;
- availability of all pertinent records relating to maintenance, flight tests and calibration carried out previously;
- a record of the work done since the Certificate was last renewed;
- a record of fuselage, engine and propeller flight hours as follows:
  - o flight hours of the fuselage since it was new and flight hours since the last overhaul;
  - o flight hours of the engine(s) since they were new and flight hours since the last overhaul;
  - o flight hours of the propeller(s) since they were new and flight hours since the last overhaul; and
- a weight and balance report which must include the determination of the weight and centre of gravity and a list of the basic equipment installed on the aircraft.

#### Validation of a Certificate of Airworthiness

Annex 8, Part II, 3.2.5 to the Chicago Convention requires that when a State of Registry renders valid a Certificate of Airworthiness issued by another Member State, as an alternative to the issuance of its own Certificate of Airworthiness, it shall establish validity by suitable authorization to be carried with the former Certificate of Airworthiness accepting it as the equivalent of the latter. The validity of the authorization shall not extend beyond the period of validity of the Certificate of Airworthiness being rendered valid. The State of Registry shall ensure that the continuing airworthiness of the aircraft is determined in accordance with 3.2.3.

#### **Requirements for the validation of a Certificate of Airworthiness**

In accordance with BCAR 02.715 Foreign airplanes:

#### **Validation of Certificates of Airworthiness**

An aeroplane with foreign registration can be operated for commercial air transportation services and aerial work activities by a Belizean operator, only if it possesses a Certificate of Airworthiness validated by the Department of Civil Aviation and the aeroplane has an approved Type Certificate and complies with the requirements of BCAR-21.

- Valid original Certificate of Airworthiness or a photocopy certified by the aviation authority of the State of Registry.
- Valid original registration certificate or a photocopy certified by the aviation authority of the State of Registry.
- Record of compliance with Airworthiness Directives.
- Maintenance programme approved by the State of Registry.
- Aircraft release after the last servicing.
- Up-to-date hours and cycles status of the fuselage, engines, propellers and components.
- Any other documents as may be requested by the BDCA (e.g. insurance).

BELIZE 3

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

At present, Belize relies on the Airworthiness Directives (ADs) and Service Bulletins (SBs) issued by the Authorities of the State of Manufacture and the manufacturer companies, respectively. In addition, operators are required to subscribe with the respective companies like TData/HIS to keep up-to-date with all ADs and SBs. Compliance with these provisions are checked constantly by means of inspections and ongoing oversight by airworthiness inspectors from the Belize Department of Civil Aviation (BDCA).

Upon the receipt of any emergency ADs or applicable official correspondence, the Department initiates discussions with the operators so as they may affect appropriate measures. In specific cases which affect continuing airworthiness, the BDCA maintains communication with the authorities of the State of Manufacture and the manufacturer companies.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The system used by the BDCA for the notification of faults, defects and malfunctions is based on the requirements of the Belize Civil Aviation Regulations (BCAR 21.3).

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

At present, there is no organization in Belize responsible for any aircraft prototypes since Belize is not a State of Design.

BHUTAN 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Department of Civil Aviation P.O. Box 291 Ministry of Communication Royal Government of Bhutan Wochu Thimphu Bhutan

Telephone: (975 8) 271 347 Facsimile: (975 8) 271 909 E-mail: airport@druknet.net.bt

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

## C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Dirección General de Aeronáutica Civil Unidad de Aeronavegabilidad Av. Mariscal Santa Cruz No. 1278, Piso 4 La Paz Bolivia

Telephone: (591 2) 312452 Facsimile: (591 2) 312452

E-mail: dgacair@caoba.entelnet.bo

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The Airworthiness Code adopted by Bolivia for the issue or validation of Certificates of Airworthiness is the *Bolivian Aviation Regulations (BAR)*, Part 21.

#### **Special Conditions**

To be eligible for export to Bolivia, Class I, II and III aircraft and other products must be fit for airworthiness certification in the *normal* category and meet the special requirements which apply, in addition to complying with the provisions of the BAR, Part 21.

Aircraft which can be certificated in the United States under the *restricted*, *limited* or *experimental* category may only be exported to Bolivia with the approval of the Director General of Civil Aviation (restrictions may apply).

In all cases the manufacturers or suppliers must certify on the back of their invoices that the product concerned was manufactured in accordance with one or more of the procedures referred to, i.e., FAA PO No., APIS, PMA, TSO and other specifications of the United States FAA.

In addition to the above-mentioned requirements, the following policy established by Bolivia must be taken into account.

#### Policy for the issue of a Certificate of Airworthiness

The original certification covers the original issue (first issue) of Certificates of Airworthiness, including the export of aircraft and products as follows:

- aircraft for which a Bolivian Certificate of Airworthiness has not been issued (e.g., new aircraft or surplus Armed Forces aircraft after compliance with the technical requirements);
- previously certificated aircraft which are being certificated in another category for the first time (e.g., aircraft converted from Standard category or Restricted category);
- all provisional temporary Certificates of Airworthiness and amendments thereto;
- all Special or Experimental Certificates of Airworthiness and amendments thereto, including new aircraft which were built by amateurs or underwent a major change;
- export certification of aviation products which have not been certificated or approved;
- special flight permits for aircraft which have not been certificated;
- Certification of all imported aircraft which will be registered in Bolivia.

The requirements which must be taken into account for the issue of a Certificate of Airworthiness are as follows:

- application form;
- aircraft type certificate;
- availability of the aircraft at the time and place specified by the DGCA for any inspections and checks deemed necessary; the applicant must provide equipment and staff so that the necessary tests can be carried out satisfactorily;
- availability of all pertinent records relating to maintenance, flight tests and calibration carried out previously;
- undertaking to have maintenance work done at maintenance centres certificated by the DGCA and capable of doing it in accordance with the requirements, specifications, plans and instructions relating to the type design of the aircraft concerned;
- undertaking to maintain a maintenance log of all services and work on the aircraft;
- undertaking to carry out maintenance work under DGCA supervision, control and authorization;
- availability of the aircraft to carry out a flight test and demonstrate that the avionics is functioning properly;
- legal documents such as Import Certificate and others required by the National Aeronautical Register Department (RAN).

An applicant for a Certificate of Airworthiness must submit the fuselage, engine and propeller logs if it is applying for review and approval by the DGCA.

The following documents must be submitted to the DGCA for analysis and consultation:

- a copy of the Type Certificate and technical information sheet for the Certificate concerned or acceptable equivalent documents;
- a copy of the Export Certificate of Airworthiness issued by the State of Manufacture or Registry and its current Certificate of Airworthiness if the aircraft is not a new one;
- a copy of the flight manual or acceptable equivalent document;
- a copy of the maintenance manual and parts catalogue prepared by the manufacturer;
- a copy of the maintenance programme to be used;
- a copy of the record of compliance with Airworthiness Directives (ADs);
- a complete set of all the mandatory Service Bulletins (SBs) prepared by the manufacturer or equivalent documents issued in relation to the aircraft;
- the last weight and balance report done on the aircraft;
- the final flight test and avionics check report;
- a copy of the flight test report if applicable;
- a copy of the minimum equipment list if applicable;
- a copy of the applicant's subscription to technical documentation and the revisions to its different manuals.

#### Policy for renewing a Certificate of Airworthiness

The application for the renewal of a Certificate of Airworthiness must be submitted to the DGCA at least 15 days prior to the Certificate's expiry date.

The applicant must meet the following requirements:

• application form;

- availability of the aircraft at the time and place specified by the DGCA for any inspections
  and checks deemed necessary; the applicant must provide equipment and staff so that the
  necessary tests can be carried out satisfactorily;
- availability of all pertinent records relating to maintenance, flight tests and calibration carried out previously;
- undertaking to have maintenance work done under DGCA supervision, control, inspection and authorization;
- availability of the aircraft to carry out a flight test and demonstrate that the avionics is functioning properly.

An application for a Certificate of Airworthiness must submit the fuselage, engine and propeller logs if it is applying for review and approval by the DGCA.

An applicant for the renewal of a Certificate of Airworthiness must submit the following documents for analysis by the DGCA:

- a record of the work done since the Certificate was last renewed;
- a record of the main tests done since the Certificate was last renewed;
- a record of fuselage, engine and propeller flight hours as follows:
  - o flight hours of the fuselage since it was new and flight hours since the last overhaul;
  - o flight hours of the engine(s) since they were new and flight hours since the last overhaul;
  - o flight hours of the propeller(s) since they were new and flight hours since the last overhaul.
- a weight and balance report which must include the determination of the weight and centre of gravity and a list of the basic equipment installed on the aircraft;
- an avionics systems flight test report;
- an aircraft flight test report.

#### Validation of a Certificate of Airworthiness

Annex 8, Part II, 5.2 to the Chicago Convention requires that when a State of Registry renders valid a Certificate of Airworthiness issued by another Contracting State it shall provide a suitable declaration of authorization to be incorporated into the old Certificate of Airworthiness. The validation of the authorization shall not extend beyond the period of validity of the Certificate of Airworthiness. However, whenever the period of validity of the Certificate of Airworthiness is renewed, the authorization may be renewed and another authorization issued for a period not exceeding the validity of the Certificate of Airworthiness.

In cases where the Certificate of Airworthiness is issued with an expiry date, it shall be validated only for the period up to the expiry date of the Certificate of Airworthiness.

Once the Certificate of Airworthiness is validated, the aircraft involved comes under direct DGCA control of both the maintenance and the safe operation of the aircraft.

#### Requirements for the validation of a Certificate of Airworthiness

- Original Certificate of Airworthiness or a photocopy certified by the aviation authority of the State of Registry
- .Original registration certificate or a photocopy certified by the aviation authority of the State of Registry.
- Record of compliance with ADs.
- Maintenance programme approved by the State of Registry.
- Record of limited-life components.

- Maintenance-level operating specifications.
- Aircraft release after the last servicing.
- Subscription to the technical publications issued by the aviation authority (CAA) of the State of Manufacture of the aircraft to ensure that up-to-date technical manuals, ADs and SBs are available;
  - Up-to-date hours and cycles status of the fuselage, engines, propellers and components;
- Up-to-date weight and balance report.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

At present, Bolivia relies on the ADs and SBs issued by the authorities of the State of Manufacture and the manufacturer companies, respectively. In addition, operators are required to subscribe with companies like ATP or to keep in constant communication with the manufacturer company concerned. Compliance with these provisions is checked constantly by means of inspections and ongoing oversight by airworthiness inspectors from the Directorate General of Civil Aviation (DGCA).

As to emergency airworthiness directives, once DGCA receives such communications, they are immediately discussed with the operators affected to initiate the appropriate measures. In specific cases which affect continuing airworthiness, the Bolivian DGCA maintains close communication with Argentina, Ecuador or any other State which is prepared to collaborate and exchange airworthiness-related information.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The system used by the Bolivian DGCA for the notification of faults, defects and malfunctions is based on the requirements of the Bolivian Aviation Regulations (BAR), Parts 121.703 "Mechanical Reliability Report", 121.705 "Summary of Mechanical Outage Reports", 121.707 "Modification and Repair Reports", 135.415 "Mechanical Reliability Report", 135.417 "Summary Mechanical Outage Report" and 145.63 "Report on Defects and Unairworthy Conditions".

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

At present, there is no organization in Bolivia responsible for any aircraft prototypes since Bolivia is not a State of Design.

BOSNIA AND HERZEGOVINA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

BH Department of Civil Aviation Envera Sehovica br. 2 71000 Sarajevo Bosnia and Herzegovina

Telephone: (387 33) 653 016

(387 33) 472 179

Facsimile: (387 33) 653 008 E-mail: bhdca@bhdca.gov.ba

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

## C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

BOTSWANA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Director of Civil Aviation P.O. Box 250 Gaborone Botswana

Telephone: +(267) 365 5200

+ (267) 312 062 or 391 2062

Facsimile: + (267) 353 709 or 395 3709

+ (267) 303 348 or 390 3348

E-mail: dca@gov.bw

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

Botswana accepts aircraft and/or aeronautical parts certificated under the following Codes of Airworthiness:

- Botswana Air Navigation Regulations
- FARs
- JARs
- BCARs
- Airworthiness Codes from other Member States may be evaluated on case-by-case basis.

#### **Special Conditions**

Documents relating to the Code of Airworthiness (i.e. Type Certificate Data Sheet, Technical Manuals, etc.) must be written in the English language.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) from the authorities of the State of Manufacture are mandatory for applicable aircraft on the Botswana Register of Civil Aircraft.

All Aircraft Maintenance Organizations are on the mailing list and confirmation of compliance is a requirement for renewal of Certificate of Airworthiness.

Certain Service Bulletins may be required for compliance by Botswana registered aircraft.

Some special occurrences based on local conditions (i.e. field reports, research, etc.) might necessitate an AD to be issued by the local airworthiness authority.

Other forms of information exchange are conveyed through Aeronautical Engineering Notices (AENs), Flight Safety Notices (FSNs) and Aeronautical Information Circulars (AICs).

BOTSWANA 2

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Serious or unusual defects and/or malfunctions are reported immediately to manufacturers and to the Authorities of State of Design and Manufacture.

Notification to the State of Design or Manufacturer done by any quickest means i.e. facsimile, email, etc.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There is no organization that produces aircraft or aircraft products that require Type Certification at the moment.

BRAZIL 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Agência Nacional de Aviação Civil – ANAC Superintendência de Aeronavegabilidade – SAR

Aeroporto Internacional de Brasília Setor de Concessionárias – lote 5 Brasilia Distrito Federal 71.608-300 Brazil

Telephone: +(55) 61 3366 9580 Facsimile: +(55) 61 3366 9579

URL: http://www.anac.gov.br/certificacao

E-mail: ggep-gr@anac.gov.br

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Since 2008, all Brazilian Aeronautical Certification Regulations – RBHA are under recodification to Brazilian Regulations for Civil Aviation – RBAC.

#### **Special Conditions**

Aeronautical products must conform to a design approved by a Brazilian type approval. Some additional requirements may be established by the Brazilian Airworthiness Authority.

The aircraft must be accompanied with a certification from the Civil Airworthiness Authority which certifies that the aircraft conforms to the Brazilian Type Design and that the aircraft is in a condition for safe operation.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Airworthiness Directives are issued in documents called "Diretrizes de Aeronavegabilidade" which are issued and made available on the internet at:

• http://www.anac.gov.br/certificacao/DA/DAE.asp.

For Brazilian products, ANAC will send Brazilian Airworthiness Directives (ADs) to the Civil Aviation Authority in those ICAO Contracting States that have notified Brazil that a Brazilian manufactured aircraft of the make and model affected by the Brazilian ADs is registered in that country. Brazilian ADs will be distributed by electronic means.

ANAC distributes Brazilian ADs by e-mail to the operators and authorities, as required.

For imported products, Brazilian ADs are not normally issued. RBAC 39, Section 39.15 officially endorses foreign ADs (or equivalent documents) in Brazil. Depending on the situation, a Brazilian AD may be issued for imported products if it is evident that the foreign AD will not be issued and the

BRAZIL 2

Brazilian Authority judges it necessary, or whenever a different provision for Brazilian operators is

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Reporting of service difficulties to the authority is required by the aircraft and parts certification (RBAC 21), maintenance (RBAC 145) and operational (RBAC 121, 135) regulations. This is done through a service difficulty report used by the Brazilian manufactures, operators and any other interested individuals.

Service difficulty reports and accident/incident reports, notice or cause evidences, related to Brazilian registered aircraft, are analyzed with the aim of detecting failure causes affecting the approved type design or manufacturing operations.

Corrective actions are required from Brazilian Type Certificate holders, according to RBAC 21, Section 21.99. Whenever an unsafe condition is considered to exist and affect other products of the same Type Design, an AD is issued and distributed to all affected operators and authorities.

If the service difficulty report is related to an imported product, both the foreign manufacturer and its authority are informed. If an unsafe condition exists and no corrective action is provided by the foreign authority, a Brazilian AD may be issued.

All the information on service difficulties with Brazilian registered aircraft is available to other foreign authorities upon request.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

AEROMOT IND. - Indústria Mecânico Metalúrgica Ltda. Av. das Indústrias, 1290 — Bairro Anchieta

Porto Alegre — RS 90200-290 Brazil

established.

Telephone: +(55) 51 3357 8550 Facsimile: +(55) 51 3357 1655

EMBRAER – Empresa Brasileira de Aeronáutica S/A

Av. Brig. Faria Lima, 2170 São José dos Campos — SP 12227-901 Brazil

Telephone: +(55) 12 3309 0226 Facsimile: +(55) 12 3921 2394

HELICÓPTEROS DO BRASIL S/A — HELIBRÁS

 $Av. \ Santos \ Dumont, \ 200 --- Distrito \ Industrial$ 

Itajubá — MG 37504-900 Brazil

Telephone: +(55) 35 3623 2001 Facsimile: +(55) 35 3623 2001

BRUNEI DARUSSALAM 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Department of Civil Aviation Brunei International Airport Bandar Seri Begawan BB2513 Brunei Darussalam

Telephone: (673-2) 330 142
Facsimile: (673-2) 331 706
Telex: Bu 2267 DCABWN
E-mail: coo@brunet.bn
Cable: CIVILAIR BRUNEI
AFTN: WBSBYAYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

BULGARIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Administration State Aeronautical Inspectorate Ministry of Transport and Communications 9, V. Levski Str. 1000 Sofia Bulgaria

Telephone: +(359-2) 988-0293 Facsimile: +(359-2) 980-5337

E-mail: caa@caa.bg

SITA: SOFTOYA AFTN: LBSFYAYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code**

JAR and FAR or codes of other Member States of ICAO, after evaluation in each case.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Civil Aviation Administration of Republic of Bulgaria issues Airworthiness Directives (ADs) for continuing Airworthiness. For aircraft types on the civil aircraft register of Bulgaria on the basis of:

- information on faults that have a substantial effect on airworthiness, if issuance of an AD is deemed necessary;
- ADs received from the civil aviation administration of States responsible for the Type Design
  of imported aircraft, if issuance of an AD is deemed necessary;
- Service Bulletins (SDs) received from the designer/manufacturer, if issuance of an AD is deemed necessary;
- ADs may contain detailed information or a reference to the corresponding AD from the State of Design or SB from the designer/manufacturer; and
- the ADs are sent to the operators by fax or by mail dependent upon urgency of the case.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Civil Aviation Administration of Republic of Bulgaria has issued an Order for reporting difficulties (faults, defects, and malfunctions) during aircraft operation and maintenance in accordance with provisions set out in the regulations (Ordinance No. 6 - Operations and Ordinance No.145 Maintenance Organizations). This Order describes in detail the procedure of reporting. The information should be submitted to the CAA in a standard form. The information is analysed in the CAA and an Airworthiness Directives is issued or another measure is adopted when it is necessary.

BULGARIA 2

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

N	0	in	formation	provid	ed.
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BURKINA FASO 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate General of Civil Aviation and Meteorology (DGCAM)
Directorate of Safety and Security (DSS)
01 B.P. 1158
Ouagadougou 01
Burkina Faso

Telephone: (00226) 50 30 64 88 / (00226) 50 33 95 03

Facsimile: (00226) 50 31 45 44 E-mail: abselsawadogo@yahoo.fr

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

Codes established by Burkina Faso:

Registration of Civil Aircraft
 Airworthiness of Aircraft
 Environmental Protection: Aircraft Noise
 Maintenance Organization Approval
 RAF 08 CDN
 RAF 16
 RAF 145

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

RAF 08 CDN - CDN.1.A.010 - General

- (10) Burkina Faso shall inform the State of Design of an aircraft of the registration of said aircraft in the national aircraft registry and of the issuance of a Certificate of Airworthiness for said aircraft.
- (11) The State of Design of an aircraft should inform Burkina Faso all information which it considers necessary for ensuring the continuing airworthiness of said aircraft.
- (12) Burkina Faso shall directly adopt mandatory information on continuing airworthiness which it receives from the State of Design.
- (13) Burkina Faso shall inform the State of Design of all information relating to airworthiness which it has generated as the State of Registry.
- (14) Burkina Faso shall notify the State of Design of any faults, defects and malfunctions of aircraft weighing more than 5.7 tons by means of the technical defect sheet included in the procedures.

RAF 08 CDN - CDN.1.C.005 - Airworthiness Directives

If required for safety, the Minister responsible for civil aviation may order, in the form of Airworthiness Directives, groundings, mandatory aircraft inspections or mandatory modifications to the aircraft, to the Certificate of Airworthiness and to the documents associated therewith, or to any other document relating to airworthiness and stipulated by the regulations in effect.

BURKINA FASO 2

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

All reports must be submitted to the DGCAM within 72 hours using the form in Annex 3 of RAF 08.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

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None.

BURUNDI 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministère des Transports, Postes et Télécommunications Régie des Services Aéronautiques Service du Transport Aérien B.P. 694 Bujumbura Burundi

Telephone: (257) 22 3797 / 22 4398

Facsimile: (257 22 3428 Telex: 5190 AERO BDI RSFTA: HBBA YAYX

Telegraphic

Address: AEROBU BUJUMBURA

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

The Airworthiness Code of Burundi is Ministerial Order 730/139 of 12 July 1978 containing measures to apply the organic provisions relating to air navigation, particularly in Chapter III "Certificate of Airworthiness and technical evaluation of aircraft" and in Appendix II.

A civil aviation code containing new airworthiness regulations has been prepared and will be implemented after approval by the competent government and legislative offices.

#### **Special Conditions**

No information provided.

## C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Burundi does not publish Airworthiness Directives (ADs) (or their equivalent) or Service Bulletins. It uses the ADs (or their equivalent) and service bulletins which come from the States of Manufacture.

These documents are then transmitted to the operators whose aircraft are registered in Burundi.

The inspectors in charge of the technical monitoring of the fleet regularly ensure that they are applied by carrying out the necessary checks or inspections when an airworthiness certificate is issued or revalidated.

BURUNDI 2

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

There is no special system for communicating information on faults, defects and malfunctions. However, operators whose aircraft are registered in Burundi transmit information relating to faults, defects and malfunctions to the manufacturing body directly or through the body responsible for maintaining its aircraft.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

In Burundi, there is no organization responsible for designing any particular aircraft type.

CAMBODIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

State Secretariat of Civil Aviation 62 Preah Norodom Blvd

#### Cambodia

Telephone: (855 15) 835 373 Facsimile: (855 23) 426 169 SITA: PNHCAYA AFTN: VDPPYAYC

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

CAMEROON 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Cameroon Civil Aviation Authority Aircraft Airworthiness and Maintenance Service P.O. Box 6998 Yaoundé Cameroon

Telephone: + (237) 22 30 30 90 / 22 30 26 92

Facsimile: + (237) 22 30 33 62 E-mail: contact@ccaa.aero

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

Order No. 00607/MINT of 13 September 2006 modifying the Annex of Order No. 00733/MINT of 7 June 2005 relative to the airworthiness of civil aircraft.

Order No. 000154/MINT of 15 November 2006 relative to issuance conditions and validity of special airworthiness certificates of kit aircraft.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The State of Registry ensures that all applicable Airworthiness Directives are complied with by the owners/operators of all a State's registered aircraft by means of airworthiness inspections and regular surveillance of maintenance records in accordance with the State's airworthiness regulations.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

All reports must be submitted to the Cameroon Civil Aviation Authority (CCAA) immediately after the service difficulty is first discovered. The system also requires all operators to inform the aircraft designer about these difficulties.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Nil.			

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Transport Canada Ottawa, Ontario Canada K1A 0N8

Attn: Chief, Continuing Airworthiness (AARDG)

Telephone: + 1 (613) 952-4357 Facsimile: + 1 (613) 996-9178

AFTN: CYHQYAYB

E-mail: cawwebfeedback@tc.gc.ca

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Canadian Aviation Regulations (CARs) Standards and the Canadian Airworthiness Manual (AWM).

#### **Special Conditions**

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

- 1. Canadian airworthiness directives are published in a standard format, in accordance with Transport Canada Civil Aviation internal instructions. They are issue simultaneously in both of Canada's official languages, English and French. In special circumstances, some emergency airworthiness directives may be issued initially in English only.
- 2. The normal methods of informing Canadian aircraft owners and foreign States of Registry of the issuance of individual airworthiness directives are as follows:

#### • Canadian owners

Canadian airworthiness directives – Transport Canada airworthiness directives are distributed primarily through e-mail to the affected owners listed in the Canadian Civil Aircraft Register. If no e-mail exists, distribution is accomplished by facsimile or by regular mail. In the event of an urgent directive, distribution is also accomplished primarily through e-mail, and if none exists, by facsimile or priority post. All Transport Canada airworthiness directives are available electronically on the web at <a href="https://www.tc.gc.ca/cawis-swimn">www.tc.gc.ca/cawis-swimn</a>.

Foreign airworthiness directives — airworthiness directives received from foreign airworthiness authorities responsible for the subject type design and which are applicable to aircraft registered in Canada, are distributed primarily through e-mail to the affected owners listed in the Canadian Civil Aircraft Register and are made available electronically on the web at <a href="https://www.tc.gc.ca/cawis-swimn">www.tc.gc.ca/cawis-swimn</a>. If no e-mail exists, distribution is accomplished by facsimile or by regular mail. Foreign emergency airworthiness directives received by facsimile or other electronic messaging systems are also distributed primarily through e-mail to the affected owners. If no e-mail exists, distribution is accomplished by facsimile or priority post.

Foreign mandatory service bulletins — Foreign manufacturers' service bulletins declared mandatory by the responsible airworthiness authority are not disseminated by Transport Canada. Instead affected owners are notified by individual letter that the service bulletin has been issued as an airworthiness directive equivalent.

#### • Foreign States of Registry

Canadian airworthiness directives are sent by electronic mail (e-mail) to airworthiness authorities who have provided their e-mail address to Transport Canada Civil Aviation at <a href="mailto:cawwebfeedback@tc.gc.ca">cawwebfeedback@tc.gc.ca</a>. Emergency airworthiness directives are also transmitted by e-mail.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

#### Service Difficulty Reporting (SDR) System

The SDR program is mandatory for many segments of the aviation community. Now, only those owners not utilizing their aircraft for commercial purposes are exempt from reporting. This system includes mandatory reporting for manufacturers, type certificate holders, flight training units, approved maintenance organizations, air operators and private operators providing passenger transportation.

The purpose of the SDR program is to collect, analyze, record and disseminate data concerning defects, failures and malfunctions which have resulted in, or may potentially, result in a safety hazard to an aircraft or its occupants. It is intended to use the reported information in support of regulatory activities to improve the level of aviation safety.

The objective of the SDR Program is to achieve prompt and appropriate correction of conditions adversely affecting the continued airworthiness and safety of aeronautical products by:

- (a) collecting SDR reports;
- (b) consolidating the SDR reports into a common database;
- (c) analyzing that data to determine adverse trends;
- (d) developing corrective action; and
- (e) disseminating information to the aviation community.

Reports can be mailed directly to Transport Canada, Ottawa, Ontario, K1A 0N8 or they may be forwarded electronically. In addition, Internet access to all SDR reports from Canada, United States and Australia is available at www.tc.gc.ca/wsdrs/.

# E. NAME AND LOCATION OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/THE CONTINUING AIRWORTHINESS OF AERONAUTICAL PRODUCTS

Further details are available on the "national issued certificates online (nico)" website at the following URL:

http://wwwapps.tc.gc.ca/saf-sec-sur/2/nico-celn/c s.aspx?lang=eng

#### Aeroplanes

Company Name	Products	TC#
De Havilland (Toronto, ON)	DH Moth 60 GM	A-1
De Havilland (Toronto, ON)	DH Tiger Moth 82C	A-2
De Havilland (Boeing of Canada Ltd)	DH Fox Moth 83C	A-3
(Toronto, ON)		
Fairchild Aircraft Limited (Longueuil, QC)	Fairchild 71C	A-4
Fairchild Aircraft Limited (Longueuil, QC)	82A, 82D	A-5
De Havilland (Toronto, ON)	DH Hornet Moth 87B	A-6
Noorduyn Aviation Ltd. (Montreal, QC)	*Norseman Mk. IV	A-7
Noorduyn Aviation Ltd. (Montreal, QC)	*Norseman Mk. V	A-8
Noorduyn Aviation Ltd. (Montreal, QC)	*Norseman Mk. VI	A-9
De Havilland (Toronto, ON)	DH Dragon Rapide 89A	A-10
Federal Aircraft Ltd. (Montreal, QC)	Anson Mk. V	A-11
Societe Air Cannuck 80, in (Montreal, QC)	Fleet 80	A-15
Dara Wilder (Aldergrove, B.C.)	F11, F11-2	A-17
Canadair Ltd. (Montreal, QC)	DC4M1	A-18
Viking Air Ltd. (Sidney, B.C.)	DHC-1, -1A-1, -1A-2, -1B-1, 1B-	A-19
	2, -1B-2-S3, -1B-2-S5	
Canadair Ltd. (Montreal, QC)	DC4M2	A-20
Canadair Ltd. (Montreal, QC, QC)	C-4, C-4-1	A-21
Viking Air Ltd. (Sidney, B.C.)	DHC-2 Mk. I, Mk. II, Mk. III	A-22
Consolidated – Vultee, Canadian-Vickers, Boeing of	PBY-5A, 28-5ACF	A-24
Canada		
Viking Air Ltd. (Sidney, B.C.)	DHC-3	A-27
Fleet Manufacturing Ltd. (Fort Erie, ON)	Helio H-391B	A-30
Victory Aircraft Ltd. (Toronto, ON)	Avro 683 (Lancaster 10)	A-39
North Canada Corp. Ltd. (Saskatoon, SK)	CL-66A, -66C, -66C-1	A-48
Viking Air Ltd. (Sidney, B.C.)	DHC-4, -4A	A-49
Bombardier Inc. (Montreal, QC)	CL-44D4, CL-44J	A-55
Pine Air Ltd. (Fort Erie, ON)	Super-V	A-59
Canadian Vickers Ltd. (Montreal, QC)	*Stranraer	A-60
Found Aircraft Canada Inc. (Parry Sound, ON)	FBA-2C, -2C1, -2C2, -2C3	A-67
Viking Air Ltd. (Sidney, B.C.)	DHC-5, DHC-5E	A-77
Hawker Siddeley Canda Ltd. Canadian Car	*Harvard 2, Harvard 4	A-80
(Fort William, ON)		
Viking Air Ltd. (Sidney, B.C.)	DHC-6 Series 1, 100, 110	A-82
	DHC-6 Series 200, 210	
	DHC-6 Series 300, 310, 320	
	DHC-6 Series 400	
Canadair Ltd. (Montreal, QC)	North Star DC-4M	A-84
Bombardier Inc. (Montreal, QC)	CL-215-1A10, -6B11 (215T	A-86
	Variant), -6B11 (CL-415 Variant)	
Found Brother Aviation Ltd. (Grand Bend, ON)	Centennial "100"	A-88

Company Name	Products	TC#
Saunders Aircraft Corporation Ltd. (Gimli, Man.)	ST-27	A-106
Cascade Aerospace Inc. (Abbotsford, B.C.)	CS2F Tracker, Firecat, Turbo Firecat	A-107
Canadair Ltd. (Montreal, QC)	CC-106	A-113
Viking Air Ltd. (Sidney, B.C.)	TR-1	A-119
Viking Air Ltd. (Sidney, B.C.)	DHC-7-1	A-120
	DHC-7-100 Series	
	DHC-7-150 Series	
Viking Air Ltd. (Sidney, B.C.)	DHC-5A	A-124
Bombardier Inc. (Montreal, QC)	CL-600-1A11 (600)	A-131
	CL-600-2A12 (601 Variant)	
	CL-600-2B16 (601-3A Variant)	
	CL-600-2B16 (601-3R Variant)	
	CL-600-2B16 (604 Variant)	
	CL-600-2B19 (Regional Jet Series 100)	
	CL-600-2B19 (Regional Jet Series 440)	
	CL-600-2C10 (Regional Jet Series 700	
	& 701)	
	CL-600-2C10 (Regional Jet Series 702)	
	CL-600-2D15 (Regional Jet Series 705)	
	CL-600-2D24 (Regional Jet Series 900)	
	CL-600-2E25 (Regional Jet Series	
	1000)	
Bombardier (Montreal, QC)	DHC-8-101, 102, 103, 106	A-142
	DHC-8-201, 202	
	DHC-8-301, 311, 314, 315	
	DHC-8-400, 401, 402	
Bombardier Inc. (Montreal, QC)	BD-700-1A10, BD-700-1A11	A-177
Zenair Limited (Midland, ON)	CH2000 – CH2000A	A-185
Diamond Aircraft Industries Inc. (London, ON)	DA-20-A1, DA20-C1	A-191
Kelowna Flightcraft Ltd. (Kelowna, B.C.)	Convair 240 Series	A-219
Kelowna Flightcraft Ltd. (Kelowna, B.C.)	Convair 340, 440	A-220
Symphony Aircraft Industries Inc.	OMF-100-160, SA 160	A-229
(Trois Rivières, QC)		
Bombardier Inc. (Montreal, QC)	BD-100-1A10	A-234

### Helicopters

Company Name	Products	TC#
Doman-Fleet Helicopters Ltd. (Fort Erie)	Doman Model LZ-5	H-38
Bell Helicopter Textron Canada Ltd.	222, 222B, 222U, 230, 430	H-88
(Mirabel, QC)		
Bell Helicopter Textron Canada Ltd.	206, 206B, 206L-1, 407, 206A, 206B-1,	H-92
(Mirabel, QC)	206L-3,	
	206A-1, 206L, 206L-4	
Bell Helicopter Textron Canada Ltd.	427	H-103
(Mirabel, QC)		
Bell Helicopter Textron Canada Ltd.	429	H-107
(Mirabel, QC)		

### Balloons

Company Name	Products	TC#
Fantasy Sky Promotions Inc. (New Dundee, ON)	AX-6, AX-8, AX-7, AX-8-90,	B-4
	AX-7-65, AX-9-122	
Sundance Balloons (Belmont, ON)	SBA56, SBA77, SBA90, SBA105,	B-11
	SBA120,	
	SBA160, SBA180, SBA210	

### Gliders

Company Name	Products	TC#
Aeronautical Department, University of Toronto	UTG-1	G-26
(Toronto, ON)		
CuNim Gliding Club of Calgary (Calgary, AB)	SGU 1-20	G-53

### **Propellers**

Company Name	Products	TC#
S&S Products Co. ( Granby, QC)	P-1004A, P-1005A	P-1

### Appliances

Company Name	Products	TC#
Pratt & Whitney Canada Inc. (Longueuil, QC)	PW901A, PW901C	AP-01
W.A.T.E.R. Research Associates	Albatross MkI Helicopter	AP-2
(Dartmouth, NS)	Transportation Suit	
Fitzwright Company (Langley, B.C.)	Coommander MkI Helicopter	AP-3
	Transportation Suit	
Skytainer Industries Inc. (Vancouver, BC)	Cargo Containers	AP-04
	LD3-45, -001, -002, -003, -004, -005, -	
	006	
	LD1, -001, -002, -003, -004,	
	LD3, -001, -002, -003, -004	
Northern Airborne Technology Ltd. (Kelowna, BC)	Remote Switch RS08-001, -350, -500	AP-11
CMC Electronics (Ville St. Laurent, QC)	CMA 2102 Antenna System	AP-12
Canadian Airlines International (Vancouver, BC)	Fragile Article Restraint Net	AP-13
Canadian Marconi Company (Ville St. Laurent, QC)	CMA-771 Mk IV Omega/GPS	AP-14
	Navigation System	
Air Canada Technical Services (Dorval, QC)	Fragile Article Restraint Net	AP-15
Mustang Survival Corporation (Richmond, BC)	Inflatable Life Preserver Model	AP-16
	MD1127	
Flying High Manufacturing, Inc. (Claresholm, AB)	Sidewinder 4000 Reserve Type	AP-17
	Parachute Assembly and Components	
COM DEV Wireless Group (Moncton, NB)	L Band Diplexer/Low Noise Amplifier	AP-18
BAE Systems Canada Inc. (Ville St. Laurent, QC)	CMA-2014 Mk II & Mk III	AP-19
	Multipurpose Display Unit	
BAE Systems Canada Inc. (Ville St. Laurent, QC)	CMA-900 Flight Management Unit	AP-20
BAE Systems Canada Inc. (Ville St. Laurent, QC)	CMA-3012 Global Navigation Satellite	AP-21
	Sensor Unit (GNSSU)	
Helly-Hansen Canada Limited (Dartmouth, NS)	E-352, E-352-B, E-352-C, E-352-D, E-	AP-22

Company Name	Products	TC#
	452, HTS-1 Helicopter Passenger	
	Transportation Suit System	
Canadian Marconi Company (Ville St. Laurent, QC)	CMA-2052 GPS Antenna/Antenna	AP-23
	Electronic Unit	
Mirabel Aero Service Inc. (Dorval, QC)	Model 430 Flight Engineer Seat	AP-24
CMC Electronics (Ville St. Laurent, QC)	CMA-2012 DOPPLER NAVIGATION	AP-25
	SET (DNS), CMA-2012C DOPPLER	
	NAVIGATION SENSOR	
EJE Trans-lite Inc. (St. John's, NF)	Survivor Locator Light Digi-Lite A-12A	AP-26
Canadian Marconi Company (Ville St. Laurent, QC)	CMA-764-2 Global Positioning	AP-27
	System/Omega Sensor	
AlliedSignal Aerospace Canada (Etobicoke, ON)	ELT Model RESCU 406	AP-29
Technisonic Industries Limited (Mississauga, ON)	ELT Model TEL 82	AP-30
AlliedSignal Aerospace Canada (Mississauga, ON)	ELT Model RESCU 99	AP-31
AlliedSignal Aerospace Canada (Mississauga, ON)	Contaminant/Fluid Integrity Measuring	AP-34
	System	15.05
SED Systems Inc. (Saskatoon, SK)	VL-500, VHF Data Link Receiver	AP-35
Mustang Survival Research Division	Helicopter Passenger Transportation Suit	AP-36
(Richmond, BC)	System MHSS01, MHSS02	A D. 27
Air Data Inc. (Mont-Royal, QC)	LBFS 4229R25-00 Aircraft Cabin	AP-37
Constitut Airmentine Ltd (Ottoma ON)	Humidifier	AD 20
Canadian Airmotive Ltd. (Ottawa, ON)	ELT Model EBC-502	AP-38
DRS Flight Safety and Communications	EAS-3000, ELB-3000	AP-39
(Carleton Place, ON)  CAL Corporation (Ottawa, ON)	Satellite Communication System Model	AP-40
CAL Corporation (Ottawa, ON)	CALQUEST System Model	AP-40
CMC Electronics (Kanata, ON)	CMA-2200 Intermediate Gain Antenna	AP-43
CIVIC Electronics (Kanata, ON)	(IGA)	A1 -43
CMC Electronics (Ville St. Laurent, QC)	CMA-900 Flight Management Unit	AP-44
CMC Electronics (Ville St. Laurent, QC)	CMA-3000 Flight Management System	AP-45
(	(FMS), CMA-3000 Single Unit	
	Navigator	
Northern Airborne Technology Ltd. (Kelowna, BC)	Remote Switch RS12-XXX &	AP-46
	RS24-XXX	
Avianor Inc. (Dorval, QC)	Flotation Cushion P/N 22340-XXX	AP-47ST
Honeywell ASCa. Ltd. (Mississauga, ON)	ELT RESCU 406AF	AP-49
Avianor Inc. (Mirabel, QC)	Seat Cushion Assembly W737-25-	AP-50
	1084-1, W737-25-1085-1, W737-25-	
	1086-1, W737-25-1087-1, W737-25-	
	1088-1	
Amphitech Systems Inc. (Laval, QC)	Model AI-130 Obstacle Awareness	AP-53
	System	
CMC Electronics (Ville St. Laurent, QC)	CMA-2600 Infrared Sensor Unit (ISU)	AP-55
Pratt & Whitney Canada Corp. (Longueuil, QC)	PW980A APU	AP-57
CMC Electronics (Ville St. Laurent, QC)	CMA-3024 GNSSU Mk II	AP-58
DSS Marine Incorporated (Bedford, NS)	DS-HPTS-V01 Helicopter Passenger	AP-59
CMCEL ( CVIII O) I (CO)	Transportation Suit	AD 61
CMC Electronics (Ville St. Laurent, QC)	CMA-9000 Flight Management	AP-61
Air Data Ing (Mant Parel OC)	Systems (FMS)	AD (2
Air Data Inc. (Mont-Royal, QC)	ADI-22100-200, ADI-22100-450	AP-62
CMC Electronics (Villa St. Laurent, OC)	C4X-IAS (Integrated Avionics System)	AP-64
CMC Electronics (Ville St. Laurent, QC)	CMA-5024 GPS Landing System	AP-65

Company Name	Products	TC#
	Sensor Unit (GLSSU)	
Honeywell ASCa Inc. (Mississauga, ON)	RESCU 406AFN ELT System	AP-66
CMC Electronics (Ville St. Laurent, QC)	CMA-4024-1 SBAS GPS Sensor	AP-67
	(Primus Epic)	
CMC Electronics (Ville St. Laurent, QC)	CMA-3024 SBAS GNSSU Mk II	AP-69
Air Data Inc. (Mont-Royal, QC)	ADI-26100-001, ADI-26100-002,	AP-70
	ADI-26100-101, ADI-26100-102	
Norduyn Inc. (St-Laurent, QC)	NNAL601F, NNAL601J	AP-71
CMC Electronics (Ville St. Laurent, QC)	CMA-2700 ISU	AP-72
Honewell ASCa Inc. (Mississauga, ON)	RESCU 406SE	AP-73
CMC Electronics (Ville St. Laurent, QC)	CMA-9000M FMS	AP-76

### **CAN-TSOs**

Company Name	Products	TC#
CMC Electronics (Ville St. Laurent, QC)	CMA-2200SB Satcom Intermediate	AP-74
	Gain Antenna (IGA)	
Noorduyn (Ville St. Laurent, QC)	P/N N90-112, P/N N90-112-00, P/N	AP-75
	N90-122, P/N N90-122-00	
CMC Electronics (Ville St. Laurent, QC)	C4X Integrated Avionics System (IAS)	AP-77
CMC Electronics (Ville St. Laurent, QC)	CMA-9000 FMS	AP-78

### **Engines**

Company Name	Products	TC#
Pratt & Whitney Canada (Longueuil, QC)	WASP PC1	E-1
Pratt & Whitney Canada (Longueuil, QC)	WASP S1H2, WASP S3H2	E-2
Pratt & Whitney Canada (Longueuil, QC)	WASP S1H1, WASP S3H1	E-3
Pratt & Whitney Canada (Longueuil, QC)	WASP S1H1-G, WASP S3H1-G	E-4
Pratt & Whitney Canada (Longueuil, QC)	WASP S1H4	E-5
Pratt & Whitney Canada (Longueuil, QC)	PT6A-15AG, PT6A-20, PT6A-20A, PT6A-20B, PT6A-21, PT6A-27, PT6A-28, PT6A-29, PT6A-34, PT6A- 34AG, PT6A-34B, PT6A-36, PT6A- 41*, PT6A-41AG, PT6A-6, PT6A- 6/C20, PT6A-6A, PT6A-6B	E-6
CANADIAN BRISTOL (Winnipeg, MB)	12NS-350 CBA	E-7
Pratt & Whitney Canada (Longueuil, QC)	PT6B-9	E-8
CANADIAN BRISTOL (Winnipeg, MB)	15KS-1000A1 (B)	E-9
Pratt & Whitney Canada (Longueuil, QC)	PT6T-3, PT6T-3B, PT6T-3BE, PT6T-3BF, PT6T-3BG, PT6T-3D, PT6T-3DE, PT6T-3DF, PT6T-6, PT6T-6B, PT6T-9	E-10
Pratt & Whitney Canada (Longueuil, QC)	JT15D-1, JT15D-1A, JT15D-1B, JT15D-4, JT15D-4B, JT15D-4C, JT15D-4D, JT15D-5, JT15D-5A, JT15D-5B, JT15D-5C, JT15D-5F, JT15D-5R	E-11

Company Name	Products	TC#
Pratt & Whitney Canada (Longueuil, QC)	PT6A-38, PT6A-41, PT6A-42, PT6A-	E-12
	42A, PT6A-45, PT6A-45A, PT6A-45B,	
	PT6A-45R, PT6A-52, PT6A-60A,	
	PT6A-60AG, PT6A-61, PT6A-62,	
	PT6A-65AG, PT6A-65AR, PT6A-65B,	
	PT6A-65R	7.10
Pratt & Whitney Canada (Longueuil, QC)	PT6A-11, PT6A-11AG, PT6A-25,	E-13
Down 6 White an Compile (Longwert OC)	PT6A-25A, PT6A-25C	E 14
Pratt & Whitney Canada (Longueuil, QC)	PT6A-50 PT6A-110, PT6A-112, PT6A-114,	E-14 E-15
Pratt & Whitney Canada (Longueuil, QC)	PT6A-110, PT6A-112, PT6A-114,	E-13
	PT6A-135, PT6A-135A, PT6A-35,	
	PT6D-114A	
Pratt & Whitney Canada (Longueuil, QC)	PW118, PW118A, PW118B, PW119A,	E-19
Truck & Wintiney Cumulat (Eongacum, QC)	PW119B, PW119C, PW120, PW120A,	L 17
	PW121, PW121A, PW123, PW123AF,	
	PW123B, PW123C, PW123D,	
	PW123E, PW124B, PW125B, PW126,	
	PW126A, PW127, PW127A, PW127B,	
	PW127C, PW127D, PW127E,	
	PW127F, PW127G, PW127H,	
	PW127J, PW127M	
Pratt & Whitney Canada (Longueuil, QC)	PT6B-36, PT6B-36A, PT6B-36B,	E-20
	PT6B-37, PT6B-37A	
Pratt & Whitney Canada (Longueuil, QC)	PT6A-64, PT6A-66, PT6A-66A,	E-21
	PT6A-66B, PT6A-66D, PT6A-67,	
	PT6A-67A, PT6A-67AF, PT6A-67AG,	
	PT6A-67B, PT6A-67D, PT6A-67E, PT6A-67F, PT6A-67P, PT6A-67R,	
	PT6A-67RM, PT6A-67T	
Pratt & Whitney Canada (Longueuil, QC)	PW305, PW305A, PW305B, PW306A,	E-22
Trace of Financy Canada (Bongacan, QC)	PW306B, PW306C	
Pratt & Whitney Canada (Longueuil, QC)	PW206A, PW206B, PW206B2,	E-23
	PW206C, PW206D, PW206E,	
	PW207C, PW207D, PW207D1,	
	PW207D2, PW207E, PW207K	
Pratt & Whitney Canada (Longueuil, QC)	PT6A-68, PT6A-68B, PT6A-68C,	E-24
	PT6A-68D	
Pratt & Whitney Canada (Longueuil, QC)	JT15D-5D	E-25
Orenda (Mississauga, ON)	OE600A	E-26
Pratt & Whitney Canada (Longueuil, QC)	PW530A, PW535A, PW535B,	E-27
Pratt & Whitney Canada (Longueuil, QC)	PW535E PW545A, PW545B, PW545C	E-28
Pratt & Whitney Canada (Longueuil, QC)  Pratt & Whitney Canada (Longueuil, QC)	PW150A	E-28 E-29
Pratt & Whitney Canada (Longueuil, QC)  Pratt & Whitney Canada (Longueuil, QC)	PW308A, PW308C	E-29 E-31
Pratt & Whitney Canada (Longueuil, QC)	PT6B-67A, PT6C-67C, PT6C-67C1,	E-31 E-32
2	PT6C-67D, PT6C-67E	
Pratt & Whitney Canada (Longueuil, QC)	PW307A	E-33
Pratt & Whitney Canada (Longueuil, QC)	PW615F-A	E-34
Pratt & Whitney Canada (Longueuil, QC)	PW610F-A	E-35
Pratt & Whitney Canada (Longueuil, QC)	PW210S	E-36
Pratt & Whitney Canada (Longueuil, QC)	PW617F-E	E-37

\* The companies which produced the Stranraer (Canadian Vickers Limited), Harvard 2 and 4 (Hawker Siddeley Canada Limited), Norseman Mk IV, V and VI (Noorduyn Aviation Limited) and ST 27 (Saunders Aircraft corporation Limited) no longer exist. Therefore, responsibility for product support cannot be ascertained and these aircraft can be considered as orphans. However, Transport Canada will continue to review continuing airworthiness requirements for these aircraft.

#### 1. Bell Helicopter Textron

Type Certificate H-88 Models 222, 222B and 222U

**Model 222.** Model 222 helicopters, serial numbers 47006 to 47 089 were manufactured by Bell Helicopter Textron, Forth Worth, Texas, under FAA Type Certificate H9SW. The original Bell Model 222 was approved by Transport Canada under ATA H-88, dated 24 May 1983, on the basis of FAA TC H9SW.

**Model 222B and 222U.** Model 222B helicopters, serial numbers 47131 to 47156 and model 222U helicopters, serial numbers 47501 to 47574 were manufactured by Bell Helicopter Textron, Fort Worth, Texas, under FAA Type Certificate H9SW. The original Bell Models 222B and 222U were approved by Transport Canada under ATA H-88 dated 19 September 1983, on the basis of FAA TC H9SW.

#### Model 222, 222B and 222U

Effective 28 February 1992, design responsibility for all Models 222, 222B and 222U helicopters was transferred from Bell Helicopter Textron, Fort Worth, Texas and FAA to Bell Helicopter Textron Canada, Mirabel, Quebec and Transport Canada.

#### 2. Bell Helicopter Textron

Type Certificate H-92 Model 206, A, A-1, B, B-1, L, L-1, L-3, L-4

Effective 14 September 1995, design responsibility for all models 206, 206A, 206A-1, 206B,206B-1, 206L, 206L-1, 26L-3, 26L-4 helicopters was transferred from Bell Helicopter Textron, Fort Worth, Texas and FAA to Bell Helicopter Textron Canada, Mirabel, Quebec and Department of Transport (DOT), Transport Canada.

#### 3. Eurocopter Canada Limited

Effective 25 February 1991, design responsibility for all BO 105 LS A3 helicopters was transferred from Messerschmitt-Bolkow-Blohm GmbH Helicopter and Transport Division D-8000 Munchen 80 and Luftfahrt Bundesamt to MBB Helicopter Canada Limited and Transport Canada.

Effective 20 March 1992, the name of MBB Helicopter Canada was changed to Eurocopter Canada Limited. Model LS A-3, serial numbers 2039 and subsequent were manufactured by Eurocopter Canada Limited.

The original BO 105 LS A-3 was approved by Transport Canada under ATA H-79 dated 31 July 1987, on the basis of LBA Type Certificate Number 3025 dated 7 July 1986.

Type Certificate H-94 for Model BO 105 LS A-3 was cancelled effective 30 June 2009 – All data was transferred to Type Certificate H-79.

CAPE VERDE 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate General of Civil Aviation Authority P.O. Box 371 Praia Republica de Cabo Verde

Telephone: (238 60) 34 30

(238 60) 34 31

Facsimile: (238 61) 10 75

E-mail: dgeral@acivil.gov.cv

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Direction Générale de l'Aviation Civile et de la Météorologie B.P. 941 Bangui République Centrafricaine

Telephone: (236 61) 53 16

(236 61) 06 36

Facsimile: (236 61) 49 18

Cable: MINITRANS-BANGUI

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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CHAD 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Direction de l'Aviation Civile B.P. 96 N'Djamena République du Tchad

Facsimile: (235) 516231

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

CHILE 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Dirección General de Aeronáutica Civil (DGAC)

# General aviation and small commercial aviation (aeroplanes up to 5 700 kg MTOW and helicopters)

Subdepartamento de Aeronavegabilidad (SDA) Miguel Claro 1314 Providencia Santiago, Chile

Telephone: +(56) 2 4392691 Facsimile: +(56) 2 4368139

E-mail: sbd.aeronavegabilidad@dgac.cl

Web: www.dgac.cl AFTN: SCSCZXOA

#### Large commercial aviation (aeroplanes over 5 700 kg MTOW)

Subdepartamento Transporte Público (SDTP) Calle Omar Page 2075 Aeropuerto Arturo Merino Benitez Pudahuel Santiago, Chile

Telephone: +(56) 2 4363173 Facsimile: +(56) 2 4363773 E-mail: registraturatp@dgac.cl

Web: www.dgac.cl AFTN: SCENZXOT

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### Airworthiness Code(s)

Airworthiness Codes used in Chile to issue or validate an Airworthiness Certificate are:

Chilean Airworthiness Regulations

DAR 08, Reglamento de Aeronavegabilidad

DAR PARTE 31, Normas de Aeronavegabilidad para globos libres tripulados

DAR PARTE 35, Normas de Aeronavegabilidad para hélices

Foreign Airworthiness Regulations

Airworthiness Standards: Sailplanes and Powered Sailplanes, JAR 22

Airworthiness Standards: Normal, Utility, Acrobatic and Commuter Category Airplanes, CFR 14,

Part 23

Airworthiness Standards Category Airplanes, CFR 14 Part 25

Airworthiness Standards: Normal Category Rotorcrafts, CFR 14 Part 27

CHILE 2

Airworthiness Standards: Transport Category Rotorcrafts, CFR 14 Part 29

Airworthiness Standards: Aircraft Engines, CFR 14 Part 33

Certification Procedures for Products and Parts, CFR 14 Part 21

Annex 16 — Environmental Protection (Aircraft Noise and Aircraft Engine Emissions)

#### **Special Requirements**

DGAC Procedure DAP 08-31, establishes requirements for importing and certification of aeronautical products. Also, in FAA AC 21-2, Appendix 2, "Republic of Chile — Special Requirements" are indicated in the requirements for importing.

Any aircraft which is the first of a new type or model to be registered in Chile requires that the existing Type Certificate granted by its State of Design be validated by the DGAC after the application presented by the Type Certificate holder.

The Type Certificate holder shall provide on a permanent basis and at no cost to the DGAC the Flight Manual, Instructions for Continued Airworthiness and the associated technical publications.

DGAC Norms DAN 91 and DAN 08-09 establish the minimum instruments, communication and navigation equipment that an aircraft must have installed according to its category and kind of operation.

DGAC Norm DAN 91 establishes requirements about aircraft noise.

The mandatory inspections and/or modification (Airworthiness Directives) to each aircraft, engine, propeller, component or accessory, and all technical documents that the Authority of the State of Design establishes as applicable.

The DGAC will define special conditions applicable to any type of aircraft, engine or propeller when it considers that the original specifications do not include satisfactory safety standards.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Mandatory inspections and/or modifications to ensure continuing airworthiness are issued as Airworthiness Directives (ADs) by the DGAC. The Chilean ADs are based on measures derived from local investigation and the requirements are prepared in accordance with technical investigations and assessments.

The following methods are used to make it available:

Chilean ADs: these are available through the DGAC website (www.dgac.cl).

Foreign ADs: in the case of foreign manufactured aircraft, engines and propellers registered in Chile, the ADs published by the State issuing the Type Certificate.

The requirements to comply with the ADs are included in DGAC Regulation DAR 39 (Reglamento sobre Directivas de Aeronavegabilidad) and Norm DAN 43 (Mantenimiento).

CHILE 3

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The requirements and procedures used by the Chilean DGAC for reporting faults, defects and malfunctions, are included in DGAC Norm DAN 43 (Mantemimiento) and procedure DAP 06-19 (Procedimiento para notificar a la DGAC información sobre el mantenimiento de la Aeronavegabilibdad).

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

For technical information:

Dirección General de Aeronáutica Civil (DGAC) Subdepartamento de Aeronavegabilidad (SDA) Miguel Claro 1314 Providencia Santiago, Chile

Telephone: +(56) 2 4392691 Facsimile: +(56) 2 4368139

E-mail: sbd.aeronavegabilidad@dgac.cl

Web: <u>www.dgac.cl</u> AFTN: SCSCZXOA

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A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Chief, Airworthiness Standards
Flight Standard and Airworthiness Division
Civil Aviation Department
10/F Commercial Building, Airport Freight Forwarding Centre
2 Chun Wan Road, Lantau
Hong Kong

Telephone: +(852) 2769 7508 Facsimile: +(852) 2362 4250 E-mail: awo@cad.gov.hk Telex: 39524 CFSHK HX Cable: AVSTANDARD AFTN: VHHHYAYC

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

State: Hong Kong Special Administration Region, China

Airworthiness Code(s) adopted for issue or Validation of Certificate of Airworthiness:

- FAR
- JAR
- BCAR

#### Special conditions, if any:

Details contained in Hong Kong Aviation Requirement HKAR-1 Subsection 1.2-2.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Information concerning classification, notification and identification of mandatory modification, inspections and changes to approved documentation is promulgated in the Hong Kong Airworthiness Notice No.36.

The Hong Kong Airworthiness Notices are available on the Internet at "http://www.info.gov.hk/cad/."

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Details of the mandatory occurrence reporting scheme used in Hong Kong Special Administrative Region, China are contained in the Civil Aviation Document CAD 382.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

The design organizations approved to various extents for continuing airworthiness of aircraft are signified with Approval Rating E1, E2 or E3. Their names and addresses are included in the Appendix No.1 to Hong Kong Airworthiness Notice No. 28. The Hong Kong Airworthiness Notices are available on the Internet at "http://www.info.gov.hk/cad/."

CHINA, MACAO

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Autoridade de Aviação Civil Alameda Dr. Carlos D'Assumpção, 336-342 Centro Comercial Cheng Feng, 18° andar Macau

Telephone: +(853) 2851 1213 Facsimile: +(853) 2833 8089 E-mail: aacm@aacm.gov.mo AFTN: VMMCYAYI

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Codes:**

- FAR
- JAR/EASA
- Other Member States of ICAO after evaluation in each case

#### **Special Conditions:**

Not applicable.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Airworthiness Directives (ADs) issued by the State of Design are mandatory, as established in the AC/AW/013R00.

However, the Civil Aviation Authority of Macao, China reserves the right to issue an AD whenever an unsafe situation of a product might exist or develop in other products of the same Type Design.

ADs are sent to the operators and owners by letter, fax or messenger, depending on the urgency of the matter.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Reporting of information on faults, defects and malfunctions in the form of a Mandatory Occurrence Report to the Civil Aviation Authority of Macao, China is mandatory as established in AC/GEN/002R00 and AC/GEN/003R00.

In the case of occurrences that might cause adverse effects on the continuing airworthiness of the aircraft, the organization which raises the occurrence report must pass a copy of the report to the Type Design holder and manufacturer(s) of the relevant products.

The Civil Aviation Authority of Macao, China, after receiving an occurrence report, will analyze the information collected and conduct an investigation, if necessary. In the case of an aircraft accident or

CHINA, MACAO

serious incident, reports will be made to other States and ICAO in accordance with ICAO Annex 13 — Aircraft Accident and Incident Investigation.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Not applicable.

COLOMBIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Unidad Administrativa Especial de Aeronáutica Civil Oficina Conrol y Seguridad Area Avenida El Dorado No. 106-95 Santafé de Bogotá D.C. Colombia

Telephone: +(57) 1 4139326 or 4138264 Facsimile: +(57) 1 4139480 or 4139339 Internet: http://www.aerocivil.gov.co E-mail: cea@maileer.aerocivil.gov.co

Telex: 044620; 044840

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The code that has been legally established is the Aeronautical Regulations Manual which has 10 parts, as follows:

- Part I Training of Civil Aviation Technical Personnel
- Part II Personnel Licensing
- Part III Civil Air Activities
- Part IV Operations, Airworthiness and Maintenance Standards
- Part V Civil Air Activities
- Part VI Aeronautical Infrastructure
- Part VII Violations and Penalties
- Part VII Air Safety
- Part IX Type Certification and Manufacture of Aeronautical Products
- Part X Definitions

Part IV contains the regulations concerning the issue or validation of Certificates of Airworthiness.

- "4.15.1.1 No holder of a certificate may operate an aircraft unless:
- a) it is registered as a civil aircraft of this country and has an up-to-date Certificate of Airworthiness issued by Aeronáutica Civil (AC)..."
- "4.15.1.3 The holder of a certificate may operate in commercial air transport a civil aircraft that is dry-leased to it and is registered in a country that is a member of the International Civil Aviation Organization (ICAO) if:
- a) the aircraft has a Certificate of Airworthiness issued by the country of registry and meets the registration and identification requirements of this country; and
- b) the aircraft is of a design approved by Aeronáutica Civil (AC), through a Type Certificate under Part IX, and meets the requirements that would be applicable to that aircraft if it were registered in this country, including the requirements for the issue of a standard Certificate of Airworthiness..."
- "4.34.1 For the operation of any type of aircraft in the national territory of Colombia, the following requirements must be met:

COLOMBIA 2

#### a) Colombian-registered aircraft:

They must have a valid Certificate of Airworthiness, meeting the conditions set in this Aeronautical Regulations Manual, taking into account the operation authorized.

#### b) foreign aircraft:

They must have a valid certificate of airworthiness, accepted or validated by Aeronáutica Civil (AC); it must have been issued by the aeronautical authority of the country of registry and the conditions for its issue must be at least equal to those required in this Manual."

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Aeronautical Regulations Manual establishes that the airworthiness directives issued by the State of Design are of a mandatory nature.

- "4.39.1.1 No personnel may operate a product, to which an Airworthiness Directive is applicable, except in accordance with the requirements of that Airworthiness Directive".
- "4.33.1.3 The Airworthiness Directives issued by the competent aeronautical authority of other countries, whose products were certificated or manufactured under a production certificate or Type Certificate of their own and which use."
- "4.33.1.4 The same rule prescribed in paragraph 4.33.1 shall be valid for foreign-registered aircraft, and parts thereof, operating on our national territory."

Whenever we have consulted any aeronautical authority, we have obtained the information we were seeking. We normally used faxes as the means to do so.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

As we approve maintenance manuals, we require of the commercial transport airline that the defects, faults and malfunctions of each aircraft be reported directly to the manufacturers and we periodically check that they are reporting what they have to report.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

The same as for Section A above.

Basically, Part IX of our Aeronautical Regulations Manual adopts FAR 23, 25, 27, 29, 31, 33 and 35 of the FAA and JAR-VLA of the JAA.

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COMOROS 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

**AIMPSI** 

S/C Commission Nationale de la Supervision de la Sécurité Aéronautique

B.P.

Moroni

Comores

Telephone: (269) 731033 Facsimile: (269) 730902

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

CONGO 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Direction Général de l'Agence National de l'Aviation Civile Navigation Aérienne B.P. 128 Brazzaville Congo

Telephone: (242) 81 02 27 Facsimile: (242) 81 02 27

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

COSTA RICA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Dirección General de Aviación Civil Apartado Postal 5026-1000 San José Costa Rica

Telephone: (506) 290-0090

(506) 290-2356

Facsimile: (506) 231 2107

E-mail: dgacdg@sol.racsa.co.cr

URL: http://www.mopt.go.cr/dgac.htm

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

CÔTE D'IVOIRE

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Bureau Véritas Bd Roune Angle Rue Thomasset 01 B.P. 1453 Abidjan 01 Côte d'Ivoire

Telephone: + (225) 21-15-70; 22-72-49; 21/45-09

Facsimile: + (225) 22-77-15 Telex: 23 447 BUVER CI

Direction Aéronautique — Espace Marc Masquelet 17 bis, Place des reflets La Défense 2 92400 Courbevoie France

Telephone: +33(0) 1-42-91-54-32 Facsimile: +33(0) 1-42-91-52-95

E-mail: mmasquel@bureauveritas.com

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The FAR and JAR codes, as well as the codes of other ICAO Member States, on the basis of case-by-case evaluations.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Airworthiness Directives (ADs) of aircraft manufacturing States are collected and, where appropriate, translated, summarized and compiled in the aeronautical documentation of the Bureau Véritas. This documentation contains the directives or summaries thereof, along with corrigenda, classified by aircraft type in accordance with a control list that keeps track of the document and its updates.

Aircraft owners and foreign airworthiness services that wish to obtain timely information regarding the ADs issued by Directorates of Civil Aviation in manufacturing States must subscribe to the Bureau Véritas aeronautical documentation.

Name and address of the office responsible for the Bureau Véritas aeronautical documentation:

Direction Aéronautique — Espace Philippe Jeanmart 17 bis, Place des reflets La Défense 2 92 400 Courbevoie France CÔTE D'IVOIRE 2

Telephone: +33(0) 1 42-91-54-63 Facsimile: +33(0) 1 42-91-52-95

E-mail: pjeanmar@bureauveritas.com

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Côte d'Ivoire has no established national system for the international reporting of information on faults, defects and malfunctions. The airlines, however, have reports submitted to manufacturers.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Côte d'Ivoire is not an aircraft manufacturing State, and therefore does not have an organization responsible for Type Design.

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CROATIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Maritime Affairs, Transport and Communications Department of Civil Aviation Prisavlje 14 10000 Zagreb Republic of Croatia

Telephone: (385-1) 6169 060 Facsimile: (385-1) 6110 153 AFTN: LDZGYAYX

E-mail: UP-civilnog-zrakoplovstva@zg.tel.hr

Official responsible for Airworthiness: Mr. Boris Smreki

Head of Airworthiness and Licensing Division

Official responsible for Inspection: Mr. Tomislav Markovi

Chief Inspector

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

The still existing Air Navigation Act (from the ex-Yugoslav Republic) states in Articles 73 to 114 the maintenance, airworthiness and aircraft documentation. These articles point to some sub-act rules that define them in practice. Annex 8 — *Airworthiness of Aircraft* and relevant documents are respected.

Although stated and established as a possibility in Article 88, the continued airworthiness is not yet adopted in practice because the proceeding air law system had never enforced it through sub-rules and circulars.

Croatia also recognizes JAR and FAR.

As a special condition, Croatia issues a Certificate of Airworthiness for a period of one year, after which the aircraft is to be inspected by an expert(s) of the Airworthiness Commission or by a designated inspector, for a renewal of the Certificate of Airworthiness. Every aircraft operator must have, depending on the kind of operations, an Approved Maintenance System that must be based on the maintenance manual of the manufacturer.

Experimental category aircraft can be issued with Certificate of Airworthiness for a period of one year.

Every aircraft in the Croatian Register shall have updated Airworthiness Directives (ADs) and Service Bulletins (SBs) status reports.

CROATIA 2

#### **Special Conditions**

Initial issuance of Certificate of Airworthiness

For the initial issuance of the Certificate of Airworthiness, the following documents shall be supplied to the Department of Civil Aviation:

- Certificate of Registration
- Export Certificate of Airworthiness (if imported)
- Type Certificate and data sheet
- Component status list
- ADs and SBs compliance list
- Weighing report
- Maintenance manual
- Aircraft and engine parts catalogue
- Flight manual
- Noise certificate
- Technical drawings, calculations and stress analysis (for amateur-built aircraft)

#### Entering the Register

For the issuance of Registration Certificate, the owner of the aircraft shall supply:

- Application for entering the register
- Certificate of Airworthiness for imported aircraft
- Certificate of de-registration from foreign registry
- Bill of sale
- Statement of nationality of the aircraft owner
- Custom declaration

Before entering the Croatian Register, a used aircraft shall have a service history acceptable to the Department of Civil Aviation, preferably in the English language. Aircraft history must be clear and it shall be prepared for survey for basic inspection when entering the Register.

#### Renewal of Certificate of Airworthiness

After one year validity of Certificate of Airworthiness in Croatia, the owner or the operator shall apply for the continuation (renewal) of the Certificate of Airworthiness at least one month before it expires. For this, he needs the following:

- Application for renewal of Certificate of Airworthiness
- Taxes and fees
- Technical status of aircraft in appropriate form PZ-2/3
- Aircraft insurance

Validation of Type of Aircraft not in Croatian Register

For this reason the applicant (manufacturer) shall apply with these documents:

- Type Certificate and data sheet
- Maintenance manual
- Overhaul manuals
- Structural repair manual

CROATIA 3

- Wiring diagrams
- Illustrated parts catalogues
- Equipment repair/overhaul manuals
- Weight and balance handbook
- Engine maintenance/overhaul manuals
- Engine specifications
- Engine parts catalogue
- Propeller maintenance/overhaul manuals
- Electronic equipment manual
- List of SBs
- Any other technical documentation pertaining to specific type characteristics

All documents and manuals shall be certified and approved by Croatian Ministry, Department of Civil Aviation. Any modification to type approvals shall be made only with appropriate approvals of the Department.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Department of Civil Aviation immediately disseminates all applicable ADs to operators who operate concerned aircraft, components or other aeronautical products mentioned in AD. Directives are sent by mail, or in case of urgency, by fax. Croatia recognizes only manufacturer's SBs and manufacturer's State's ADs. Since Croatia does not produce aircraft, it does not disseminate the ADs to other authorities responsible for airworthiness in foreign countries.

In case of differentiation between the countries about specified time between overhauls and maintenance/overhaul procedures, the Croatian CAA airworthiness experts decide to choose the most reliable, safe and economy-based requirements.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

In any case of aircraft system faults, defects on structure or any malfunction, the operator(s) of Croatian aircraft is/are obliged to inform the Department about the occurrence that could affect airworthiness. After an evaluation process in the Department and appropriate investigation, the Department decides whether or not to inform the foreign country authorities and/or manufacturer.

There is no separate document for registering these occurrences.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

As there are no manufacturers of aircraft or aeronautical products in Croatia, there is no organization responsible for the Type Design. The Department of Civil Aviation through its Airworthiness Engineering Division evaluates and makes decisions concerning type approvals of foreign country authorities and issues an appropriate Type Certificate validation.

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CUBA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Institute of Cuba Department of Engineering and Airworthiness Calle 23 No. 64, esquina a Infanta El Vedado, Plaza de la Revolución, La Habana Cuba

Telephone: + (53) 7 838 1124 Telephone/facsimile: + (53) 7 838 1118

Pizarra: + (53) 7 834 4949, ext 2324/2323

E-mail: dia@iacc.avianet.cu

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The main code consists of Decree 255 "On Civil Aviation" of 2 November 2007, which is the basis of the Cuban Aviation Regulations governing all flight activity in the country.

The regulations relating to airworthiness are the following:

- RAC-6 Volume 1: General Regulations for Operations and Flight
  - Volume 2, Part 1: Operations and Certification (Air Transport Operators)
  - Volume 2, Part 2: Commuter Air Transport Operators
  - Volume 2, Part 3: Air Transport Operators for Remuneration or Hire; Certification and Operations
  - Volume 3, Part 1: Operation of Regular Captive Balloons, Unmanned Rockets and Unmanned Free Balloons
  - Volume 3, Part 2: Ultra Light Flights, Certified Flight Clubs and Aviation Activities
- RAC-21 Certification of Aviation Products and Parts
- RAC-22 Chapter 3: Specifications for Certification of Commuter, Acrobatic, Utility and Normal Category Aeroplanes; taken from EASA, CS-23
- RAC-22 Chapter 4: Specifications for Certification of Large Aeroplanes, taken from EASA, CS-25
- RAC-22 Chapter 5: Specifications for Certification of Small Helicopters, taken from EASA CS-27
- RAC-22 Chapter 6: Specifications for Certification of Large Helicopters, taken from EASA CS-29
- RAC-22 Chapter 7: Specifications for Certification of Engines, taken from EASA, CS-E
- RAC-22 Chapter 8: Specifications for Certification of Propellers, taken from EASA, CS-P
- RAC-22 Chapter 9: Specifications for Certification of Gliders and Motorized Gliders, taken from EASA, CS-22.
- RAC-22 Chapter 10: Specifications for Certification of Very Light Airplanes, taken from EASA, CS-VLA
- RAC-22 Chapter 11: Specifications for Certification of Very Light Helicopters, taken from EASA, CS-VLR
- RAC-23 Airworthiness Guidelines
- RAC-24 Approved Maintenance Organizations
- RAC-26 Identification of Products, Nationality Marks and Registration
- RAC-27 Maintenance, Preventive Maintenance, Reconstruction and Modifications

CUBA 2

#### **Special Conditions**

For issue of the Certificate of Airworthiness, the aircraft under inspection must obtain type approval or validation of the Type Certificate. Aircraft, engines and propellers, both new and used, must have an airworthiness export certificate to be cleared for import.

By prior agreement with the Department of Engineering and Airworthiness of the Civil Aviation Institute of Cuba, design and manufacture regulations and certification from other States may be accepted.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The guidelines are published under the title "Airworthiness Guidelines" (Directivas de Aeronavegabilidad) and are of a compulsory nature.

The rules for issuing the Airworthiness Guidelines are found in the Cuban Aviation Regulations RAC-23, "Airworthiness Guidelines".

To be valid, the Airworthiness Guidelines must be issued by the Department of Engineering and Airworthiness of the Civil Aviation Institute of Cuba.

The Department of Engineering and Airworthiness drafts guidelines on the basis of fault, failure and malfunction reports by the approved maintenance organizations and by national air transport operators.

The Guidelines are sent to design and manufacture organizations.

As a rule, the Airworthiness Guidelines of the designer/manufacturer of the aircraft in question take effect upon receipt and are published in the form of an Airworthiness Guideline validating the content.

RAC-23 sets out the analysis of mandatory service bulletins. Important bulletins may become national Airworthiness Guidelines, particularly those from Eastern Europe and Russia.

Compliance with the Airworthiness Guidelines is verified through scheduled and surprise AAC inspections as well as the aircraft maintenance registers and logs.

The Airworthiness Guidelines are circulated in:

- documents submitted directly to concerned parties;
- regular mail, messages, fax, e-mail or any other means available.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Cuban Aviation Regulation RAC-6 "Air Transport Operations" governs the establishment of a system for reporting service difficulties. The Civil Aviation Institute of Cuba has established a reporting method.

In accordance with the aforementioned regulation and method, operators, companies and State-approved maintenance organizations are required to report any failure, defect or malfunction, following the procedures set out in the reporting system documents and using the standard IACC and AAC forms.

Reports shall be submitted to IACC no later than 72 hours after the time of incident.

CUBA 3

All reports will be analyzed by the Department of Engineering and Airworthiness and the Department of Aviation Operations and Safety. An Emergency Airworthiness Guideline may be drafted to convey

observations to the State of Design.

Under the system, operators must report any service difficulties encountered to the aircraft design authorities.

Foreign registered operators operating on national territory (FIR of Cuba) must report any failure, defect or malfunction to ATC. If such incidents occur during landing, the AAC of the national territory shall be responsible for evaluating the airworthiness of the affected aircraft, in keeping with ICAO regulations, and shall report to the State of Registry and/or Design where appropriate.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There are no design organizations in charge of continuing airworthiness and Type Design of aircraft in Cuba at this time.

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CYPRUS 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Department of Civil Aviation Safety Regulation Unit (SRU) Airworthiness Section 27 Pindarou Street Nicosia 1429 Cyprus

Telephone: +(357) 22 404120 Fax: +(357) 22 304708

E-mail: apaspalides@dca.mcw.gov.cy

Note.— Cyprus has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design. EASA Regulations have been adopted.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

This falls into two distinct categories, i.e. aircraft that fall in the remit of EASA and those of Annex II aircraft, as defined in Article 4(4) of Regulation (EC) No. 216/2008 on common rules in the field of civil aviation.

#### Annex II aircraft

The Department of Civil Aviation applies national regulations as defined in the Cyprus Air Law of 2002 – 2008 as amended.

#### **EASA** aircraft

#### **Airworthiness Code(s)**

•	Sailplanes and powered sailplanes	CS-22
•	Normal, utility, aerobatic and commuter aeroplanes	CS-23
•	Large aeroplanes	CS-25
•	Small rotorcraft	CS-27
•	Large rotorcraft	CS-29
•	Aircraft engine emission and fuel venting	CS-34
•	Aircraft noise	CS-36
•	Auxiliary power unit	CS-APU
•	All weather operations	CS-AWO
•	Engines	CS-E
•	European Technical Standard Orders	CS-ETSO
•	Definitions and abbreviations	CS-abbreviations
•	Propellers	CS-P
•	Very light aeroplanes	CS-VLA
•	Very light rotorcraft	CS-VLR

Reference can be made to the EASA website: <a href="http://www.easa.europa.eu/wspord/g/rg">http://www.easa.europa.eu/wspord/g/rg</a> certspecs.php.

CYPRUS 2

#### **Special Conditions**

For special conditions reference is made to Part 21A.16B of the Annex to regulation (EC) No. 1702/2003 and the special conditions are part of the EASA certification basis.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) issued by the State of Design are mandatory. Additionally the Cyprus Department of Civil Aviation may issue an AD whenever an unsafe or potentially unsafe condition of a product may exist or develop in other products of the same type design and subsequently the State of Design will be duly informed. All ADs are sent to the affected operators and owners by the Department of Civil Aviation by email or fax.

In addition, the Department of Civil Aviation through scheduled and ad-hoc inspections of the maintenance records and where applicable the EASA Part M arrangements, ensures the compliance with the ADs.

Furthermore, Cyprus as a member State of the European Union also abides by Part 21A.3B of the Annex to Regulation (EC) No. 1702/2003 and the EASA AD policy which can be found at: <a href="http://www.easa.europa.eu/ws-prod/c/doc/working-procedures">http://www.easa.europa.eu/ws-prod/c/doc/working-procedures</a>.

In addition, reference should be made to the EASA AD publication tool, which can be found at: <a href="http://www.easa.europa.eu/ws\_prod/c/c\_awdir.php">http://www.easa.europa.eu/ws\_prod/c/c\_awdir.php</a>.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The Cyprus Department of Civil Aviation has established a procedure whereby all the civil registered aircraft owners/operators, air carriers and the EASA Part 145 Maintenance Organizations are obliged to report to the Authority all the faults, defects and malfunctions.

Reporting of information is made in accordance with EASA Part 21A.3 of the Annex to the Regulation (EC) No. 1702/2203, Part M.A202; Part 145.A.60 of the Annexes I and II to Regulation (EC) No. 2042/2003; EU OPS.420 of Annex III to Regulation (EC) No. 3922/1991 and AMC 20-8.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

The Cyprus Department of Civil Aviation uses information as found in the EASA web site which carried the relevant list, reference <a href="http://www.easa.europa.eu/ws">http://www.easa.europa.eu/ws</a> <a href="prodocolor:prodocolo

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CZECH REPUBLIC 1

# A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Authority Ruzyně Airport 160 08 Prague 6 Czech Republic

Telephone: + (420) 225 422 080 (Executive Office)

Facsimile: + (420) 220 561 823

E-mail: <u>caa@caa.cz</u>; podatelna@caa.cz

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### Established and adopted by States

#### Products transferred under the European Aviation Safety Agency (EASA) system:

•	European Aviation Safety Agency (EASA) Certification Specifications	(CS)
•	Sailplanes and Powered Sailplanes	CS-22
•	Normal, Utility, Aerobatic and Commuter Aeroplanes	CS-23
•	Large Aeroplanes	CS-25
•	Small Rotorcraft	CS-27
•	Large Rotorcraft	CS-29
•	Aircraft Engine Emissions and Fuel Venting	CS-34
•	Aircraft Noise	CS-36
•	Auxiliary Power Units	CS-APU
•	All Weather Operations	CS-AWO
•	Engines	CS-E
•	European Technical Standard Orders	CS-ETSO
•	Definitions and Abbreviations	CS-Definitions
•	Propellers	CS-P
•	Very Light Aeroplanes	CS-VLA
•	Very Light Rotorcraft	CS-VLR
•	General Acceptable Means of Compliance for Airworthiness of Products	5,
	Parts and Appliances	AMC-20

For more information on EASA Certification Specifications please refer to the EASA website:

• http://www.easa.europa.eu

### Products referred to in Annex II to Regulation (EC) No. 216/2008 of the European Parliament and of the Council:

- BCAR
- FAR
- USSR Civil Aircraft Airworthiness Regulations
- OSTIV (gliders only)

CZECH REPUBLIC 2

#### **Special conditions**

#### Products transferred under the European Aviation Safety Agency (EASA) system:

Special conditions are part of the EASA Certification Basis and are established in accordance with the Annex to the Commission Regulation (EC) No. 1702/203, Part 21, paragraph 21A.16B.

### Products referred to in Annex II to Regulation (EC) No. 216/2008 of the European Parliament and of the Council

Special conditions are part of CAA-CZ Certification Basis and are established in accordance with national regulation L 8/A, Airworthiness of Aircraft – Procedures.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

#### Products transferred under the European Aviation Safety Agency (EASA) system

Airworthiness Directives (ADs) are issued completely in accordance with applicable requirements of EASA.

For products transferred under the EASA system the ADs, issued by EASA on the basis of the Annex to the Commission Regulation (EC) No. 1702/2003, Part-21, paragraph 21 A.3B, and in compliance with the EASA AD policy, are automatically accepted. Following their publication on the EASA website by means of the EASA publication tool (<a href="www.easa.europa.eu">www.easa.europa.eu</a>) these ADs are mandatory for all operators and owners of aircraft registered in the Czech Republic. The Civil Aviation Authority of the Czech Republic (CAA CZ) republishes the EASA ADs relating to the products operated in the Czech Republic on the CAA CZ website (<a href="www.eaa.cz">www.eaa.cz</a>).

### Products referred to in Annex II to Regulation (EC) No. 216/2008 of the European Parliament and of the Council

ADs for these products are issued in accordance with ICAO Annex 8 — *Airworthiness of Aircraft*, Part II. These requirements are specified in detail in the national Regulation L 8/A, Airworthiness of Aircraft – Procedures, Subpart 4. The ADs in question are also published through the CAA CZ website (<a href="www.caa.cz">www.caa.cz</a>).

ADs for products for which the Czech Republic is the State of Design are sent to all States which applied for the provision of instructions for continuing airworthiness of a specific product.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

#### Products transferred under the European Aviation Safety Agency (EASA) system:

EASA procedures are applied in full scope. The system for reporting of information on faults, defects and malfunctions is established by paragraph 21A.3 of the Annex to the Commission Regulation (EC) No. 1702/2003, by paragraph M.A.202 of Annex I and paragraph 145.A.60 of Annex II to the Commission Regulation (EC) No. 2042/2003, by paragraph OPS.420 of Annex III to the Regulation (EC) No. 3922/1991 (EU-OPS) and by AMC 20-8.

CZECH REPUBLIC 3

### Products referred to in Annex II to Regulation (EC) No. 216/2008 of the European Parliament and of the Council

The Civil Aviation Authority of the Czech Republic (CAA CZ) established a reporting system that assigns an obligation to all operators, maintenance organizations and Type Certificate holders to report any faults, defects and malfunctions with specified effects. Furthermore, operators and maintenance organizations have an obligation to provide the same reports to the Type Certificate holders.

The reports must be dispatched not later than 72 hours after the identification of the occurrence and must include specified data. For a report to the CAA CZ it is possible to use a standard form available on the CAA CZ website.

Following the receipt of the report the CAA CZ accomplishes an evaluation in accordance with the CAA CZ internal procedures and takes appropriate action when necessary.

In the case of a product for which the Czech Republic is the State of Design, the Type Certificate holder is also required to propose corrective actions within the defined period. Where the Czech Republic is not the State of Design, the reports are sent to the competent national aviation authority.

Morever, all operators and maintenance organizations have an obligation to keep overviews of all faults, defects and malfunctions of aircraft operated and/or maintained. These overviews must be submitted to the CAA CZ and, in case of products for which the Czech Republic is the State of Design, also to the Type Certificate holder at least once a year.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

For the list of EASA DOA approvals issued in accordance with the Annex to the Commission Regulation (EC) No. 1702/2003, Part 21, please refer to the EASA website <a href="www.easa.europa.eu">www.easa.europa.eu</a>.

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Direction de l'Aéronautique civile c/o Ministère des Transports et Communications B.P. 6514 Kinshasa/N'Dolo République démocratique du Congo

Telephone: (243 24) 23604

Cable: CIVILAIR - KINSHASA

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

DENMARK 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Administration — Denmark 1st Safety Department P.O. Box 744 Ellebjergvej 50 DK-2450 Copenhagen SV Denmark

Telephone: + 45 3618 6000 Facsimile: + 45 3618-6001 Telex: 27096 CAA DK AFTN: EKCAYAYX E-mail: dcaa@slv.dk

Note.— Denmark has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

JAA-JARs for new types for which application for TC has been filled after specific dates.

Other codes which are proven to the Civil Aviation Administration — Denmark to establish a safety level equal to or higher than FAR/BCAR requirements (for older type used aircraft only).

#### **Special Conditions**

Flight manual for standard category aircraft, gliders and motorised gliders must be written in either Danish, English or German;

Flight manual for transport category aircraft must be written in either Danish or English;

Flight recorder must be installed in accordance with Danish Regulations for Civil Aviation (BL) No. 1-9;

Ground proximity warning system must be installed in accordance with Danish Regulations for Civil Aviation (BL) no. 1-16;

Noise certificate is required in accordance with Danish Regulations for Civil Aviation (BL) no. 1-14; for commercial operations - JAR OPS-1/3 applies.

Compartment and cargo interiors in transport category aircraft type certificated before 1 May 1972 must meet the requirements in FAR 25.853 and 25.855, Amendment 32.

Crashworthiness of transport category aeroplanes, type certificated before 1 May 1982 must correspond to FAR 25.801 through 25.810, Amendment 32.

Communication and navigation equipment must be type approved by the Civil Aviation Administration - Denmark in accordance with Danish Regulations for Civil Aviation (BL) no. 1-17.

DENMARK 2

Aircraft must be equipped as stipulated in Danish Regulation for Civil Aviation (BL) No. 1-12.

Nationality and registration marks must comply with Danish Regulations for Civil Aviation (BL) No. 1-23.

Emission certificate is required in accordance with Danish Regulations for Civil Aviation (BL) No. 1-25.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

#### **General Case**

When the Civil Aviation Administration — Denmark (CAA-DK) considers that action is required to maintain airworthiness at the level of safety specified in the certification, the mandatory nature of such action is confirmed by the issue of an Airworthiness Directive (AD) (Luftdygtighedsdirektiv (LDD));

The ADs specify, among other things, the type of products (aircraft, engine, propeller) and appliances involved, the nature of the inspections, modifications to be carried out or the limitations to be complied with and the time limits for compliance.

The ADs are mandatory and, pursuant to the provisions relating to the issue and continued validity of the Certificate of Airworthiness, the aircraft concerned is not airworthy unless it has fully and satisfactorily complied with the Directives within the time limits specified.

#### Aircraft of foreign manufacturer

Unless otherwise decided by the CAA-DK, the ADs issued by the State of Manufacture, e.g. the ADs of the FAA, apply in respect of the aircraft concerned that have been entered on the Danish Register. These Directives are furthermore systematically reissued in the form of Danish Airworthiness Directives whenever they affect several Danish users;

It is the responsibility of the owner/users of the aircraft to procure from the manufacturer the technical information required for compliance with the ADs.

Moreover, the CAA-DK may decide, in the light of the information gathered and the situation in Denmark, that certain measures that have not been or will not be considered as ADs by the Airworthiness Authorities of the State of Origin shall become mandatory in Denmark. These measures are therefore the subject of ADs within the terms specified above, bearing in mind the usual applicability conditions.

#### **Publication of Airworthiness Directives**

The CAA-DK has the task of publishing and disseminating ADs.

A list of issued ADs is issued monthly. Subscriptions to the ADs are accepted;

The CAA-DK is responsible for the dissemination of ADs concerning equipment of Danish manufacture to the type certification authorities of the States to which corresponding Danish equipment has been exported, provided it is informed of the exportation.

ADs are disseminated by e-mail or facsimile in addition to a biweekly updating on the Civil Aviation Administration - Denmark's web site http://www.slv.dk.

DENMARK 3

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

National laws require all operators of aircraft on the Danish register to report faults, defects and malfunctions affecting the airworthiness of the aircraft cf. Regulations for Civil Aviation (BL) No. 8-10.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No manufacturing of complete aircraft in Denmark.

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DJIBOUTI 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Direction de l'Aviation Civile et de la Météorologie B.P. 2501 Djibouti République de Djibouti

Telephone: + (253) 340 169

+ (253) 341 647

Facsimile: + (253) 340 723 E-mail: aeroport@intnet.dj

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.		

DOMINICAN REPUBLIC 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Dirección General de Aeronáutica Civil Departmento de Aeronavegabilidad Av. México esq. Dr. Delgado P.O. Box 1180 Santo Domingo, D.N. Dominican Republic

Telephone: + (809) 221-7909 Facsimile: + (809) 221-8616

Cable: DIRACIV-SANTO DOMINGO

E-Mail: aeronáutica.c@codetel.net.do

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

The document used by the Dominican Republic for the validation of Certificates of Airworthiness is the RAD 21. Type Certificates are not issued under these regulations; they only recognize the Type Certificates issued on the basis of the Federal Aviation Regulations (FARs) of the United States and/or the Joint Aviation Regulations (JARs) of the European Union.

- FAR 23, 25; 27,. 29 33 and 35
- JAR 22, 23, 25, 27 and 29
- JAR 3
- JAR P
- NLGS -2
- LET 410 UVP CT No.79-02 10/07/79
- LET 410 UVP-E CT No. 86-01 30/01/86

The Dominican Republic has adopted them as valid only for aircraft registered in the State before 26 February 2000, when the Dominican Air Regulations were issued under Decree 88-00.

#### **Special Conditions**

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Dominican Republic is not an aircraft manufacturing State, and therefore does not publish Airworthiness Directives (ADs).

ADs are sent to concerned operators and owners by letter, fax or messenger, depending on the urgency of the matter.

ADs, or equivalent documents issued by the State of Manufacturer, are mandatory for all aircraft registered in the Dominican Republic.

Summaries of Airworthiness Directives are not published.

DOMINICAN REPUBLIC 2

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

In accordance with the regulations (RADs), the Dominican Republic requires that every holder of a Type Certificate, Supplementary Type Certificate, certificate for parts, materials accessories and OTE (RAD 21.3), and every air carrier (RADs 121.703 and 135.415), inform the Civil Aviation Authority of failures or the detection of any fault, defect or malfunction in an aircraft.

It is furthermore required (RAD 145.63) that every national aviation maintenance workshop inform the the Civil Aviation Authority, within 72 hours of discovery of any serious defect or other recurrent factors that could compromise the airworthiness of aircraft, engines, propellers or any component thereof.

Order No. RD8010.2, "Service Difficulty System", specifies the procedure to be followed in handling service difficulties.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

The Dominican Republic is not an aircraft manufacturing State.

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# A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Eastern Caribbean Civil Aviation Authority Corner Factory Road and Nugent Avenue PO Box 1130 St John's Antigua

Telephone: + (268) 462 0907 Facsimile: + (268) 462 0082 E-mail: oecs.dca@candw.ag

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The following Act and Regulations were established and adopted:

- Civil Aviation Act No. 7 of 2005
- Civil Aviation Regulations S.I. No. 174 of 2007

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) issued by the State of Design CAAs are mandatory and operators are responsible for compliance. The ECCAA monitors compliance.

ADs issued by the ECCAA are covered by the Civil Aviation Regulations and these are distributed/communicated to applicable operators and State of Design CAAs.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The ECCAA has established a Mandatory Occurrence Reporting (MOR) System which requires operators and or persons involved in aviation to report accidents or incidents as stated by the regulations using the standard form provided. The MORs must be reported within 72 hours of the occurrence. These are then processed and sent to the State of Design CAA or OEM if applicable.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

This is not applicable in our situation.

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**ECUADOR** 1

#### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Direccion General de Aviacion Civil Calle Buenos Aires Nro. 149 y Av. 10 de Agosto P. O. Box 17-01-2077 Ouito Ecuador

Telephone: + (593-2) 2 564 472 + (593-2) 2 563 995 Fax:

Telex: 22710

#### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

FAR 23, 25, 27, 29.

No information provided.

#### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR **EQUIVALENT) AND EXCHANGE OF INFORMATION**

The Directorate of Civil Aviation of Ecuador has stipulated that operators must subscribe to the Airworthiness Directives from an aircraft's State of Manufacture.

#### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The Directorate of Civil Aviation of Ecuador requires that its operators give written notification of all significant occurrences related to airworthiness or flight safety.

Sections 21.3, 128.703, 128.705 and 145.63 relate to the obligation of air carriers to notify certain specific points to the DGCA within the time assigned. The report must contain the type of aircraft registration, the name of the operator, the date, the flight number, a description of the difficulty, the flight phase if applicable, the nature of the fault, defect or malfunction, an identification of the part and system involved, the date of the last overhaul, whether the aircraft was suspended from flight and any other pertinent information necessary for more complete identification or corrective action.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

EGYPT 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Civil Aviation Airport Road 11776 Cairo Egypt

Telephone and facsimile: +(202) 22682907

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

- Part 21 Certification procedures
- Part 22 Airworthiness standards for very light aeroplanes
- Part 23 Airworthiness standards for small aeroplanes
- Part 25 Airworthiness standards for large aeroplanes
- Part 27 Airworthiness standards for small rotorcraft
- Part 29 Airworthiness standards for large rotorcraft
- Part 31 Airworthiness standards for manned free balloons
- Part 33 Airworthiness standards for aircraft engines
- Part 34 Airworthiness standards for aircraft emissions
- Part 35 Airworthiness standards for aircraft propellers
- Part 36 Airworthiness standards for aircraft noise

### **Special Conditions**

Prior to the issuance of the Certificate of Airworthiness, all imported aircraft must be subject to Type Certification validation as detailed in Part 21 of the regulations.

Imported small aircraft must be less than ten years in service since the production date.

Imported large aircraft must be less than fifteen years in service since the production date.

The aircraft must conform to a Type Design approved by the ECAA.

The aircraft must be accompanied with a certification from the civil airworthiness authority which certifies that the aircraft conforms to the ECAA validated Type Certificate and data sheet.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) issued by the State of Design are mandatory.

However, Egypt may issue an AD whenever an unsafe condition of a product might exist or develop in other products of the same Type Design, and the State of Design shall be informed of these ADs.

The ECAA ensures that all applicable ADs are complied with by the owners/operators of all Egyptian registered aircraft by means of airworthiness inspections and regular surveillance of maintenance records in accordance with the ECAA airworthiness regulations.

EGYPT 2

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The Egyptian Civil Aviation Authority has established and uses a service difficulty reporting system which obliges all the civil-registered aircraft owners/operators, air carriers and the State-approved repair stations to report any faults, defects and malfunctions in accordance with the procedures detailed in a difficulty reporting system document using the civil aviation authority forms as detailed in ECAR Part 39.

All reports must be submitted to the ECAA within 72 hours from the time the service difficulty was first discovered. The system also requires all operators to inform the aircraft designer about these difficulties.

The Civil Aviation Authority will review these reports and, as required, inform the State of Design.

### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

None.		

EL SALVADOR 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Dirección General de Transporte Aéreo Km. 9<sup>1/2</sup> Carretera Panamericana, Ilopango San Salvador El Salvador, Centro América

Telephone: + (503) 296-6349 Facsimile: + (503) 295-0265 AFS: MSSSYAYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

### **Airworthiness Code(s)**

- RAC
- FAR

#### **Special Conditions**

In conformity with the Civil Aeronautics Law, certificates issued in a foreign country shall be recognized or rendered valid in El Salvador in accordance with established standards.

In order to be accepted for certification by the Government of El Salvador, Class 1 and 2 aeronautical products must submit an export certificate and their Airworthiness Directives, (ADs) as indicated in FAR Part 21. All aircraft (new or in use) must meet the following requirements in order to be registered by El Salvador:

- export certificate and their ADs. Before an export certificate is made for El Salvador, taking into account the destination of the aircraft, the civil aeronautics authorities of El Salvador should be informed in advance of the destinations:
- complete maintenance record. Aircraft with incomplete maintenance records shall not be accepted, without a detailed and acceptable explanation. The maintenance records must in fact include methods used to identify the manufacturers (lifetime, manufacturing requirements or suggestions, time for overhaul). Documents to show that this has been done (aeroplane log book). No part of an aeroplane shall be accepted if its lifetime has been exceeded or if it has 10% of the time remaining to its next overhaul or lifetime limit. When the maintenance records are submitted for inspection, a check must also be made that the following are up to date: maintenance manuals, parts catalogue, manufacturer's suggestions, lifetime, list of reconditioning actions to which these documents must be subjected. They must be returned after certification by the aeronautical authorities has been completed;
- the aeroplane manufacturer's flight manual with all the applicable supplements thereto;
- aircraft, engines and propellers must be the same as in the type of certificate made by the
  manufacturer. Applications to meet these requirements shall be accepted in writing and must
  specify what type of certification will be used and an up-to-date copy of those data which will
  have to be added:

EL SALVADOR 2

• a written reply shall be given after the application has been analyzed. The written reply shall

indicate whether it is accepted or not and any other special condition which will be imposed in the application;

• applications for some aircraft which have been modified or altered must submit documentation which has been approved by competent authorities in the aviation field on

behalf of the Government. Some modifications cannot be authorized;

• weight, balance and equipment list; reports indicating the last time the aircraft was reweighed;

records for the last three years (36 months);

• a complete list of the ADs which may be applied to the aircraft, engines, propellers or accessories. It must contain the following: number of ADs, dates on which they were made, methods which were applied, signature and certification of the engineers, number of persons who made the ADs. This list must have been submitted within 30 days from the date of the

application for certification in El Salvador;

• the aircraft must have been subjected to a comprehensive and detailed 30-day or 100-hour

inspection for certification of the ADs by El Salvador;

• cancellation of the registration of the last State of Registry; and

• for transport category aircraft, a recent copy of the MMEL and maintenance planning

document.

C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Government of El Salvador has adopted the Airworthiness Code of the United States of America. Under special circumstances, it will use the Airworthiness Code of another Member State. Such consideration shall include acceptance of the code of that country or State.

D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The Government of El Salvador shall receive reports of malfunctions and defects of aircraft on its register and it shall then transmit these reports to the States of Manufacture to be processed.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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EQUATORIAL GUINEA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Direction Générale des Transports et de l'Aviation Civile Malabo (Bioko Norte) Guinée Equatoriale

Telephone: + (240-9) 6570 Cell: + (240-7) 5406 Facsimile: (240-9) 3313/2515 AFTN: FGSLYDYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

ERITREA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Transport and Communications Civil Aviation Department Regulations and Standards Division P.O. Box 252 Massawa Street, Bldg. No. 87 Asmara Eritrea

Telephone: + 291-1-181822 Facsimile: + 291-1-181255

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Technical Directive Part I, Aircraft Airworthiness, is the name of the Airworthiness Code used by the State of Eritrea for the issue or validation of the certificate for the continuing airworthiness of aircraft in service.

#### **Special Conditions**

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Aircraft Airworthiness Directives (ADs) are obtained directly from the State of Manufacture.

Its compliance is monitored by the Civil Aviation Department airworthiness inspectors through appropriate inspections and examination of operators' records including aircraft physical inspection.

The Airworthiness Code mandates the operator to keep up-to-date records in a chronological order and status of compliance of all applicable ADs.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The Airworthiness Code mandates that an operator must have a policy and procedure on a defect reporting system.

Among other things, the policy should include:

- a detailed description of the procedure on defect reporting, including the formats used and distribution system of such reports; and
- a list of mandatory reports to civil aviation, manufactures and airworthiness authorities of the State of Manufacturer.

ERITREA 2

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There is no organization in the State of Eritrea responsible for Type Design of a particular aircraft type because Eritrea is not a State of Design.

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ESTONIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Estonian Civil Aviation Administration Rävala 8 10143 Tallinn Estonia

Telephone: + (372) 6949 666 Facsimile: + (372) 6949 6671 E-mail: ecaa@ecaa.ee AFTN: EELAYAYX

Note.— Estonia has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

- JAR
- FAR
- Standards of ICAO

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

For an aircraft type registered in Estonia or for aircraft engines, propellers or equipment used in Estonia are mandatory:

- a foreign Airworthiness Directive or its equivalent, issued by the Manufacturing State;
- Mandatory Service Bulletin or equivalent, issued by manufacturer;
- Airworthiness Directive (AD), issued by Estonian CAA

A summary of Estonian ADs currently applicable are in the Estonian Aviation Circular AWD (Lunnukõlblikkusdirectiivid).

Estonian and foreign ADs are distributed at no cost by mail or telefax to registered operators of the aircraft and aircraft maintenance organizations.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Details of the Estonian system for the reporting of information of faults, defects and malfunctions are given in Estonian Aviation Circular AIR T 16-3.

ESTONIA 2

### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.		

ETHIOPIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Authority Flight Safety Department P.O. Box 978 Addis Ababa Ethiopia

Telephone: + (251 1) 631971 Facsimile: + (251 1) 612533 AFTN: HAAAYAYK

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

There is no detailed code of airworthiness established at present, however, following safety oversight assessment, the CAA is prepared to establish airworthiness code. We have CAA Technical Directive "Chapter 4" which fulfils the purpose of a regulation in airworthiness matters.

### **Special Conditions**

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

As Ethiopia is not an aircraft manufacturing State, the Civil Aviation Authority does not issue any original Airworthiness Directives (ADs) as such. However, in order to assist operators, particularly those engaged in general aviation operation, the Authority issues, from time to time, a circular entitled "Airworthiness Notice to Aircraft Owners and Operators".

The circular provides relevant information about ADs issued by the State of Manufacturer and where necessary, copies of content of such directives are also included.

The "Airworthiness Notice to Aircraft Owners and Operators" is issued by the Flight Safety Department of the Authority.

Operators are informed when ADs received from overseas Airworthiness Authorities and mandatory Service Bulletin received from manufacturers relating to the types of Ethiopian register of aircraft and photocopies of same is taken by the operator of the aircraft.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Details of systems used for Reporting Information on Faults, Defects and Malfunction. Operators of aircraft report information on faults, defects, and malfunctions on Form FSD/58B which satisfies the purpose of the data indicated in Doc 9389-AN/919, Appendix 4.A.1.

ETHIOPIA 2

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There is no Type Design of an aircraft developed in Ethiopia, therefore, there is no organization responsible.

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FIJI 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Authority of Fiji Private Mail Bag NAP 0354 Nadi Airport Fiji

Telephone: + (679) 6721-555 Facsimile: + (679) 6721-500

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

- BCAR
- JAR

#### **Special Conditions**

See appropriate Aeronautical Information Circular.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

There are currently no Airworthiness Directives (ADs) issued by Fiji. All operators of aircraft registered in Fiji are required to comply with any Directives, or their equivalent, issued by the State of Manufacturer of the aircraft or components. In addition, certain Airworthiness Notices, Additional Directives, and other safety related circulars adopted by Fiji must be complied with.

All maintenance organizations are required to hold current issues of Directives, and Manufacturers Service Information in respect of all aircraft for which they are responsible. Such information is also held by the Civil Aviation Authority of Fiji for the purpose of monitoring compliance.

No summary of ADs is published in Fiji, instead, the summaries published by the appropriate States of Manufacture are in use.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The mandatory reporting of accidents, incidents, and occurrences is provided for, and required under the CAP 174 Laws of Fiji Air Navigation Regulations. Aeronautical Information Circulars are issued as necessary on the subject. Reports received are investigated by the Authority, and the information transmitted to the State of Manufacture as appropriate. The Authority also receives copies of reports and summaries from the CAA UK, CAA New Zealand, CASA, FAA, and other Regulatory Authorities.

FIJI 2

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There are no organizations in Fiji responsible for the Type Design of aircraft, Fiji is therefore not a "State of Design".

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FINLAND 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Finnish Civil Aviation Authority (CAA FI) Airworthiness Department PO Box 186 FIN-01531 VANTAA Finland

Telephone: + (358 9) 425011 Facsimile: + (358 9) 42502940 AFTN: EFHKYAYX

E-mail: airworthiness@fcaa.fi

Note.— Finland has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Airworthiness codes for product types certificated recently are the applicable EASA Certification Specifications (CS) ref. <a href="http://www.easa.europa.eu">http://www.easa.europa.eu</a>; CS-22 (sailplanes and powered sailplanes), CS-23 (normal, utility, aerobatic and commuter aeroplanes, CS-25 (large aeroplanes), CS-27 (small rotorcraft), CS-29 (large rotorcraft), CS-34 (aircraft engine emissions and fuel venting), CS-36 (aircraft noise), CS-APU (auxiliary power units), CS-AWO (all weather operations), CS-E (engines), CS-ETSO (European technical standard orders), CS-Definitions (definitions and abbreviations), CS-P (propellers), CS-VLA (very light aeroplanes), CS-VLR (very light rotorcraft), AMC-20 (general acceptable means of compliance for airworthiness of products, parts and appliances); for hot air balloons British Civil Aviation Requirements (BCAR).

#### **Special Conditions**

Ref. Part-21.A.16B of the Annex to Regulation (EC) No. 1702/2003. The special conditions are part of the EASA certification basis.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

### 1. Aircraft engines and propellers subject to EASA oversight

Ref. Part-21A.3B of the Annex to Regulation (EC) No. 1702/2003, the EASA Airworthiness Directive (AD) policy and the EASA AD publication tool: http://www.easa.europa.eu.

The owner or operator of the aircraft, engine, propeller or other equipment installed in the aircraft is required to comply with the ADs issued by EASA or the State of Design of the product.

For aeroplanes other than large aeroplanes and helicopters or twin-engined helicopters and engines and propellers installed in these, CAA FI issues airworthiness notices ("Lentokelpoisuustiedote" for the Finnish language edition and "Luftvärdighetsavi" for the Swedish language edition) based on

FINLAND 2

these ADs. The purpose of the airworthiness notices is to inform the owners and operators of the aeroplanes of any new AD applicable to their aircraft.

No airworthiness notices are issued on EASA and State of Design ADs for large aeroplanes and helicopters or twin-engined helicopters registered in Finland, or for engines, propellers and equipment used in these. The operator of these aeroplanes is instead required to establish a procedure for gaining the original EASA or State of Design ADs. Compliance with these is mandatory.

In case of an emergency AD, the CAA FI sends a copy by facsimile or e-mail to the owner or operator of the aircraft.

### 2. Aircraft engines and propellers not subject to EASA oversight (Annex II to Regulation (EC) No. 216/2008

Mandatory modifications and inspections to ensure the continuing airworthiness of aircraft other than large aeroplanes and helicopters or twin-engined helicopters registered in Finland and for engines, propellers and equipment used in these aircraft are issued as Finnish ADs (FAD) "Lentokelpoisuusmääräys" for the Finnish language edition and "Luftwärdighetsdirectiv" for the Swedish language edition) in the following cases:

- a) an AD or its equivalent, issued by the State of Design for an aircraft registered in Finland or for aircraft engines, propellers or equipment used in Finland, is issued as a FAD;
- b) as a result of experience gained in operation or maintenance of the aircraft, the Airworthiness Department may deem it necessary, in the light of flight safety, to issue a FAD;
- c) when a modification introduced by a Service Bulletin (SB) or equivalent issued by the manufacturer is, in the light of experience gained in Finland, considered mandatory, it is issued as a FAD: and
- d) inspections and airworthiness limitations introduced by SBs are considered to be part of the aircraft maintenance schedule and are therefore considered to be mandatory even without a FAD.

For large aeroplanes and helicopters and twin-engined helicopters the procedure is the same as for EASA aircraft in this category.

- 3. Finnish Airworthiness Notices and Directives are distributed at no cost by mail, or in case of urgency by facsimile or e-mail, to registered owners and operators of the aircraft and aircraft maintenance organizations. They are also published on the CAA FI internet site http://www.civilaviationauthority.fi/frontpage.
- 4. A summary of current Finnish Airworthiness Notices and Directives is published on the CAA FI internet site. A summary of EASA or State of Design ADs applicable to aircraft registered in Finland is published as a separate list on the internet site.
- 5. When the need arises for an AD applicable to an aircraft of Finnish design subject to EASA oversight, the EASA is consulted for further action.

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# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Operators of aircraft on the Finnish register and maintenance organizations are required to report faults, defects and malfunctions to the CAA FI, ref. Part-21A.3 of the Annex to Regulation (EC) No. 1702/2003, Part MA.202; Part-145.A.60 of Annexes I and II to Regulation (EC 2042/2003; EU-OPS.420 of Annex III to Regulation (EC) No. 3922/1991; AMC 20-8; Finnish Aviation Act 1242/2005 Section 128 and Aviation Regulation GEN M1-4.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

A list of design organizations is found on the EASA web site: http://www.easa.europe.eu.

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### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Direction Générale de l'Aviation Civile (DGAC) 50, rue Henry Farman 75720 Paris Cedex 15

Direction de la Sécurité de l'Aviation Civile (DSAC)

Director: Ms. Florence Rousse Telephone: +33 1 58 09 43 23 Facsimile: +33 1 58 09 43 38

E-mail: florence.rousse@aviation-civile.gouv.fr

There are few aircraft (approximately 250) of those referred to in Annex II of Regulation (EC) No. 215/2008 which have a Certificate of Airworthiness in accordance with the requirements of Annex 8 to the Chicago Convention. They are not used for commercial air transport and are operated on few international flights.

European Aviation Safety Agency (EASA)

Mailing address: European Safety Agency Postfach 10 12 53 D-50452 Koeln Germany

Website: <a href="http://www.easa.europa.eu">http://www.easa.europa.eu</a>

Telephone: +49 221 8999 0000

France has notified ICAO and its Contracting States that, with the exception of the obligations related to aircraft referred to in Annex II of Regulation (EC) No. 216/2008, by means of Regulation (EC) No. 216/2008, it meets the commitments incumbent upon it as a State of Design and State of Manufacture as described in Part II of Annex 8 to the Chicago Convention. Article 17.2 e) of Regulation (EC) No. 216/2008 states that the European Aviation Safety Agency, in its fields of competence, carried out, on behalf of Member States, functions and tasks ascribed to them by applicable international conventions, in particular, the Chicago Convention.

For the aircraft referred to in Annex II of Regulation (EC) No. 216/2008, by means of Articles R 133-1 to R 133-11 of the Civil Aviation Code, France meets the commitments incumbent upon it as a State of Design and State of Manufacture as described in Part II of Annex 8 — *Airworthiness of Aircraft* to the Chicago Convention.

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### For all aircraft in EASA's field of competence

The rules for certification are defined in Part 21 of the Annex to Regulation (EC) No. 1702/2003.

The Airworthiness Codes, or certification specifications (CS), are available on the Agency's website: http://www.easa.eu.int/ws\_prod/g/rg\_certspecs.php.

CS-22: Sailplanes and powered sailplanes

CS-23: Airworthiness standards applicable to normal, utility, aerobatic and commuter aeroplanes

CS-25: Airworthiness standards applicable to large aeroplanes

CS-27: Small rotorcraft
CS-29: Large rotorcraft
CS-VLA: Very light aeroplanes
CS-VLR: Very light rotorcraft

CS-E: Engines CS-P: Propellers

Special conditions are established in paragraph 21A.16B of Part 21.

For aircraft which were certified by the French DGCA before the establishment of EASA, the codes were based on the JAR or on national codes. The DGCA does not plan to issue new Type Certificates for aircraft referred to in Annex II of Regulation (EC) No. 216/2008.

To include new "Annex II" aircraft in the French register, a special individual certificate of airworthiness (CDNS) will be issued in compliance with the rules of the Civil Aviation Code.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

To go the website: <a href="http://www.easa.europa.eu/ws\_prod/c/c\_awdir.php">http://www.easa.europa.eu/ws\_prod/c/c\_awdir.php</a>.

The Airworthiness Directives (ADs) issued by the State of Design (EASA) are mandatory. EASA formulates ADs under Part 21, paragraph 21A.3B of the Annex to Regulation (EC) 1702/2003.

EASA has posted on its website (<a href="http://www.easa.europa.eu/ws\_prod/c/c\_intwrkproc.php">http://www.easa.europa.eu/ws\_prod/c/c\_intwrkproc.php</a>) both its AD policy and the decision to automatically recognize the ADs issued by a non-EC State of Design of a product (EASA ED Decision 2/2003).

According to the issuance policy, the Agency can issue ADs if a problem stems from a maintenance fault or a manufacturing non-conformance.

EASA uses the following ADs publishing tool: http://ad.easa.europa.eu.

Moreover, under Article 14.1 of Regulation (EC) No. 216/2008, the State of Registry (France) can issue an AD in the event a product presents an urgent unsafe condition.

The DGCA, through the Groupement pour la Sécurité de l'Aviation Civile (Civil Aviation Safety Group), or GSAC, forwards all ADs to the operators and owners concerned. The GSAC's address is 72/78 Grande Rue, 92314 Sèvres Cedex; the GSAC's telephone is + 33-1-46-90-48-00.

ADs are forwarded to the registered persons concerned with aeronautical documentation. The Directives are available to everyone at: <a href="http://www.gsac.fr/php/P\_ConsignesNav.php">http://www.gsac.fr/php/P\_ConsignesNav.php</a>.

In respect of aircraft referred to in Annex II of Regulation (EC) No. 216/2008, the DGCA issues an AD when it considers that measures are necessary to ensure safety.

The AD specifies its applicability, the nature of the associated inspections or modifications, and the limitations and compliance deadlines of the measures in question. If there is no Type Certificate holder to propose corrective action in respect of a problem, the AD may go as far as prohibiting a product from flight.

Compliance with ADs is mandatory for aircraft registered in France. The products concerned are not airworthy if they do not comply with the ADs within the allotted timeframe.

If the products concerned are of foreign design, and unless the DGCA decides otherwise, the ADs issued by the authority of the State of Design of said products are, through ADs issued by the DGCA, rendered applicable to the products registered in France.

The DGCA can, however, issue an AD if it decides that an occurrence justifies this action, even if the design authority of the product has not done this itself.

All the relevant ADs are forwarded to the registered persons concerned with aeronautical documentation. The directives are available to everyone at: http://www.gsac.fr/php/P ConsignesNav.php.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Information regarding in-service faults is forwarded by the operators or the maintenance organizations to the design organization and the design authority (EASA).

The instruments governing these activities are as follows:

Requirement for design organizations:

• 21A.3 of Part 21 of the Annex to Regulation (EC) No. 1702/2003;

Requirements for maintenance organizations:

• MA.202 and 145.A.60 of Annexes I and II of Regulation (EC) No. 2042/2003.

Requirements for operators:

- EU-OPS.1.420, Annex III of Regulation (EC) No. 3922/1991 for aeroplane operations;
- OPS 3.420, Order of 23 September 1999 for helicopter operations.

For aircraft referred to in Annex II of Regulation (EC) No. 216/2008, France does not systematically forward to other countries the anomaly reports related to products operated or designed in France.

Serious incidents and accidents are reported by pilots and engineers in the French system to the Bureau d'Enquêtes et d'Analyse pour la Sécurité d'Aviation Civile (BEA) (Office of Investigation and Analysis for Civil Aviation Safety), which notifies the DGCA of information that is useful in terms of safety. Less serious anomalies are reported to the DSAC/Direction Technique Navigabilité et Opérations (Airworthiness and Operations Technical Bureau) for analysis.

When a safety issue affects a product designed in a foreign country, the DGCA notifies the State of Design of the product.

When a safety issue affects the safety of a product designed in France, the DGCA can decide, after analysis, to issue an AD.

### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

In order to carry out their activities, design organizations are issued Design Organization Approvals (DOAs) by EASA under the provisions of Part 21, Sub-part J of the Annex to Regulation (EC) No. 1702/2003.

The list of products with Type Certificates issued by EASA can be found at: <a href="http://www.easa.eu.int/ws\_prod/c/c\_da\_main.php">http://www.easa.eu.int/ws\_prod/c/c\_da\_main.php</a>.

The list of DOAs issued by EASA can be found at: <a href="http://www.easa.europa.eu/ws\_prod/c/c\_orgapprodoa\_doa.php">http://www.easa.europa.eu/ws\_prod/c/c\_orgapprodoa\_doa.php</a>.

From among the aircraft referred to in Annex II of Regulation (EC) No. 216/2008, only Eurocopter has an aircraft for which a Type Certificate of Airworthiness was issued:

EUROCOPTER, for Alouette-type helicopters Aéroport International Marseille Provence 13725 Marignane Cedex

GABON 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Bureau Véritas B.P. 1005 Libreville Gabon

Telephone: +(241)-74-01-46/74-14-27

Facsimile: +(241)-76-26-63

Telex: 5519 GO

Bureau Véritas Direction Aéronautique — Espace 17 bis, Place des Reflets/ La Défense 2 92400, Courbevoie France

Telephone: + (330) -1-42-91-54-32 Facsimile: + (330) -1-42-91-52-95

E-mail: MASQUEL@BUREAUVERITAS.COM

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

FAR and JAR regulations or codes of other Member States of ICAO after evaluation in each case.

#### **Special Conditions**

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Airworthiness Directives of the aircraft manufacturing countries are collected and, as appropriate, translated and summarized and then assembled in BUREAU VERITAS aeronautical documentation.

In this documentation, the directives or summaries, as well as corrigenda to them, are arranged by make and type of aircraft in accordance with a list which facilitates control and updating of the document.

Foreign aircraft owners and airworthiness services which wish to be informed as soon as possible of the Directives issued by the Directorates of Civil Aviation of the States of Manufacture must take out a subscription to the aeronautical documentation of BUREAU VERITAS.

GABON 2

D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Bureau Véritas Direction Aéronautique — Espace 17 bis, Place des Reflets/ La Défense 2 92400, Courbevoie France

Telephone: + (330) -1-42-91-54-63 Facsimile: + (330) -1-42-91-52-95

E-mail: PJEANMAR@BUREAUVERITAS.COM

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

GAMBIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Gambia Civil Aviation Authority Banjul International Airport Private Mail Bag 285 Banjul The Gambia

Telephone: + (220) 447 2831
Facsimile: + (220) 447 2190
Cable: CIVILAIR BANJUL
AFTN: GBYDYAYX
E-mail: dggcaa@ganet.gm

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Code of Airworthiness**

Until The Gambia is able to develop and establish a National Code of Airworthiness, the mandatory requirements and design standards of the State of Design shall be mandatory on all aircraft registered in The Gambia.

An applicant for a production certificate for any aircraft or aeronautical product for manufacture in The Gambia shall comply with the type certificate as required by the State of Design.

#### **Issue or validation of Certificate of Airworthiness**

The Authority will issue a standard Airworthiness Certificate if:

- a) the applicant presents evidence to the Authority that the aircraft conforms to a Type Design approved under a Type Certificate approved or a supplemental Type Certificate and to the applicable Airworthiness Directives (ADs) of the State of Manufacture;
- b) the aircraft has been inspected in accordance with the performance rules of these regulations and found airworthy by persons authorized by the Authority to make such determinations within the last 30 calendar days; and
- c) the Authority finds, after an inspection, that the aircraft conforms to Type Design and is in condition for safe operation.

The Authority may validate an Airworthiness Certificate issued by another Member State on registration of the aircraft in The Gambia for the period specified in that certificate or one year, whichever is less.

## C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

On the registration of an aircraft in The Gambia, the Authority shall notify the State of Design of the aircraft of the registration in The Gambia, and request that all ADs addressing that aircraft, airframe, aircraft engine, propeller, appliance, or component part be forwarded to the Authority.

GAMBIA 2

Whenever the State of Design considers that a condition in an aircraft, airframe, aircraft engine, propeller, appliance, or component part is unsafe as shown by the issuance of an AD by that State, the Authority shall apply the requirements of the directives to Gambian registered civil aircraft of the type identified in that AD.

The Authority may identify manufacturer's Service Bulletins and other sources of data, or develop and prescribe inspections, procedures and limitations, for mandatory compliance pertaining to affected aircraft on the Gambian register.

A Member State that has entered on its register an aircraft in respect of which that Member State is not the State of Design and for which it has issued or validated a Certificate of Airworthiness shall ensure that all mandatory continuing airworthiness information which it, as the State of Registry, originated in respect of that aircraft are transmitted to the State of Design.

A person shall not operate a Gambian registered aircraft to which the measures of this regulation apply, except in accordance with the applicable directives.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The owner or operator of an aircraft over 5 700 kg maximum take-off mass shall report to the Authority any failures, malfunction, or defect that results in:

- a) fire during flight and whether the related fire-warning system was properly operated;
- b) fire during flight not protected by a related fire-warning system;
- c) false fire warning during flight;
- d) an engine exhaust system that causes damage during flight to the engine, adjacent structure, equipment, or component;
- e) an aircraft component that causes accumulation or circulation of smoke, vapour, or toxic or noxious fumes in the crew compartment or passenger cabin during flight;
- f) engine shutdown during flight because of flameout;
- g) engine shutdown during flight when external damage to the engine or aircraft structure occurs;
- h) engine shutdown during flight due to foreign object ingestion or icing;
- i) shutdown during flight of more than one engine;
- j) a propeller feathering system or ability of the system to control over speed during flight;
- k) a fuel or fuel-dumping system that affects fuel flow or causes hazardous leakage during flight;
- 1) an unintended landing gear extension or retraction, or opening or closing of landing gear doors during flight;
- m) brake system components that result in loss of brake actuating force when the aircraft is in motion on the ground;
- n) aircraft structure that requires major repair;
- o) crack, permanent deformation, or corrosion of aircraft structure, if more than the maximum acceptable to the manufacturer or the Authority;
- p) aircraft component or systems malfunction that result in taking emergency action during flight (except action to shut down an engine);
- q) an interruption to a flight, unscheduled change of aircraft en route, or unscheduled stop or diversion from a route, caused by known or suspected technical difficulty or malfunction;
- r) an abnormal vibration or buffeting caused by a structural or system malfunction, defect, or failure;
- s) a failure or malfunction of more than one altitude, airspeed, or altitude instrument during a given operation of the aircraft;
- t) the number of engines removed prematurely because of malfunction, failure or defect, listed by make and model and the aircraft type in which it was installed; or
- u) the number of propeller featherings in flight, listed by type of propeller and engine and aircraft on which it was installed.

GAMBIA 3

A report required by this regulation shall:

a) be made within three days after determining that the failure, malfunction, or defect required to be reported has occurred; and

- b) include as much of the following information as is available and applicable:
  - 1) aircraft serial number;
  - 2) where the failure, malfunction, or defect is associated with an article approved under a technical standard order authorization, the article serial number and model designation, as appropriate;
  - 3) where the failure, malfunction or defect is associated with an engine or propeller, the engine or propeller serial number, as appropriate;
  - 4) product model;

Not applicable to The Gambia.

- 5) identification of the part, component, or system involved, including the part number; and
- 6) nature of the failure, malfunction, or defect.

Where the State of Registry of the aircraft is The Gambia, the Authority shall submit the report received under paragraph 2) of this regulation to the State of Design.

The Authority, if not the State of Registry of the aircraft, shall submit all reports received by it under this regulation to the State of Registry.

### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

GEORGIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Economic Development of Georgia United Transport Administration of Georgia 12, Al. Kazbegi Blvd., 0160 Tbilisi Georgia

Telephone: + (995-32) 36-43-01; 36-42-34 Facsimile: + (995 32) 36-43-01; 36-42-34

AFTN: UGGUDDXX

E-mail: a.khodjelani@uta.gov.ge

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The State has drafted and adopted the following:

- Regulations for issuing Certificates of Airworthiness and civilian aircraft registration;
- Regulations for aviation equipment maintenance;
- Certification regulations for aviation equipment maintenance organizations;
- Certification regulations for aviation equipment; and
- Regulations for aircraft operator certification.

The State has adopted the following regulations drafted by the Inter-State Aviation Commission:

- Part 23. Airworthiness Standards for Light Civil Aeroplanes;
- Part 25. Airworthiness Standards for Transport Aeroplanes;
- Part 27. Normal Rotorcraft:
- Part 29. Transport Rotorcraft; and
- Part for Very Light Aeroplanes. Airworthiness Standards for very light aeroplanes.

#### **Special Conditions**

For all imported aircraft, type certificates should be declared valid before a State Airworthiness Certificate is issued.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) issued by a State of Design are mandatory. Furthermore, Georgia may issue ADs in cases when a product is unsafe or when other products of similar design types are unsafe, and information about these ADs shall be provided to the State of Design and brought into agreement therewith.

All ADs shall be sent to the relevant operators by letter, fax, courier or via a link to a website, depending on the urgency of the given matter.

Georgia shall ensure that owners/operators of all aircraft registered with the State comply with all relevant ADs by conducting airworthiness inspections and regular checks of maintenance records in accordance with the State Airworthiness Regulations.

GEORGIA 2

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Georgia shall create and use a system for reporting information on problems arising during operations, according to which all owners/operators of civilian aircraft, air carriers and State-approved aircraft maintenance organizations shall be required to provide information on any faults, defects or malfunctions, in accordance with the procedures outlined in detail in the documents concerning the systems for reporting information on such problems, using forms provided by the civil aviation authority.

All additions should be submitted to the Department of Civil Aviation within 72 hours of discovery of a problem during operation. The Department of Civil Aviation will review these additions and, if necessary, inform the State of Design.

### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.		

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Luftfahrt-Bundesamt Postfach 3054 D-38020 Braunschweig Germany

Telephone: + 49-531-2355-0 Facsimile: + 49-531-2355-254

E-mail: \* @lba.de

\* Please insert name of addressee, separating first name from surname with a period.

Note.— Germany has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Airworthiness codes as listed on the EASA web site http://www.easa.europa.eu.

#### **Special conditions**

Special conditions as set out under Part 21A.16B of the Annex to Regulation (EC) No. 1702/2003 and described in the EASA certification basis.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Luftfahrt-Bundesamt (LBA — Federal Office of Civil Aviation) will arrange for the necessary airworthiness actions by the issue of "Luftüchtigkeitsanweisungen" (LTAs — Airworthiness Directives (ADs)) if during operation of an aircraft faults, malfunctions, defects or other occurrences which have or might have adverse effects on the continuing airworthiness of the aircraft have been detected or reported.

The AD indicates the kind of aeronautical product involved, the manufacturer, the type, the models affected, the serial numbers affected and the German type certificate number. The inspections and modifications to be carried out, the limitations to be complied with, the reasons for the Directive and the deadline for the accomplishment of the actions of the AD are specified. The AD mostly refers to manufacturers' bulletins or ADs issued by foreign authorities.

The AD is mandatory and the aircraft concerned is not airworthy until the actions of the AD have been accomplished.

#### Reasons for issuing ADs

Concerning aircraft designed in Germany:

• The approved design organization responsible for this type of aircraft has indicated to the LBA that there are faults, malfunctions or defects which have or might have adverse effects on the continuing airworthiness of an aircraft.

- The "Bundensstelle für flugunfalluntersuchung (BFU German Federal Bureau of Aircraft accidents investigation authority) has indicated to the LBA that an aircraft has faults, malfunctions or defects and recommends corrective actions.
- The LBA has received reports on incidents during operation which require immediate action.

Concerning foreign manufactured aircraft for which a German Type Certificate has been issued:

- An AD has been issued by the Authority of the State of Design or another Member State or a Service Bulletin has been prepared by a foreign manufacturer which is mandatory in the State of the manufacturer. The LBA then decides, depending on the information available and the kind of operation and/or maintenance being performed in Germany etc., whether measures will or will not become mandatory in Germany.
- The LBA has reason to believe that an unsafe condition exists due to the nature of a Service Bulletin prepared by a foreign manufacturer even though the Authority of the State of Design did not issue a corresponding AD.
- The BFU has indicated to the LBA that an aircraft has faults, malfunctions or defects; or the LBA has received reports on incidents during operation which require immediate action.

Note:— For foreign manufactured aircraft, type certificated in Germany, the LBA issues ADs as long as these aircraft remain on its register. For aircraft manufactured in Germany, however, the LBA issues ADs as long as the affected aircraft are operated under any register.

### **Publication of Airworthiness Directives**

Individual ADs issued by the LBA and a list of all ADs are published in:

Nachrichten für Luftfahrer (NfL), Teil II (News to Airmen Part II)

NfLs are available at:

Verlag R. Eisenschmidt GmbH Postfach 110761 D-60327 Frankfurt Germany

Telephone: +49-69-730-6040 Facsimile: +49-69-739-1321

Any person/organization interested in the various ADs should subscribe to the "Nachrichten für Luftfahrer, Teil II". In general, the ADs are published in German but for aircraft designed in Germany English versions will also be available.

#### Methods of exchanging information with other States

The LBA is responsible for the transmission of ADs to the authorities of all Contracting States. If Germany is the State of Design and the LBA has prepared an AD, the LBA will inform each Member State, which has advised the LBA to do so, and in which that aircraft is registered. If Germany is not the State of Design, the LBA will transmit its AD (LTA) to the State of Design. ADs will be distributed by mail except when circumstances require immediate action. In such cases ADs will be distributed by facsimile or e-mail.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

### A. Reports Required by Regulation

#### 1. Flight Operation

#### 1.1 Commercial Operators

German registered commercial operators have to report according to JAR-OPS 1 (deutsch) 1.420 and 1.425/JAR-OPS 3 (deutsch) 3.420 and 3.425.

#### 1.2 Non-commercial Operators

Private operators and general aviation operators have to report according to § 5 LuftVO (Luftverkehsordnung).

#### 2. Technical Defects

Technical defects having an influence or potential influence on airworthiness that cannot be corrected by normal maintenance practices shall be reported by the operator.

### 3. Type Design Deficiencies

Any person or organization performing maintenance to aircraft shall report to the LBA any design deficiency that has a potential influence on airworthiness.

#### 4. Inspection Difficulties

Particular difficulties encountered during performance of maintenance inspections shall be reported by the repair station certificate holder.

#### **B.** Additional Reports from Commercial Operators

Besides the reporting requirements mentioned under A, air carriers and other commercial operators of transport category aircraft are requested to forward to the Luftfahrt-Bundesamt (LBA) on a regular basis additional data about the operation of their fleet. The scope of information received from the various operators is different depending on their type of operation, fleet size, internal data system, etc. Typical reports are:

- summary of monthly operation (Flight hours, cycles, maintenance actions, events)
- Monthly Summary Reliability Report (Delay and incident rates, pireps, mareps, etc.)

• Fleet Performance Report (Overall and system (ATA-Chapter) performance).

### C. Occurrence Reporting System in Germany

	Pilot/Crew member	Operator	Maintenance/Repair Station
1.1 JAR-OPS 1/3 (deutsch)	•	•	
1.2 § 5 LuftVO	<b>*</b>	•	
2. Technical Defects		•	•
3. Type Design Deficiencies			•
4. Inspection Difficulties		<b>*</b>	

Additional Reports from Commercial Operators.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

See list of approved design organizations on the EASA web site: http://www.easa.europa.eu.

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GHANA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ghana Civil Aviation Authority Airworthiness Section Private Mail Bag Kotoka International Airport Accra Ghana

Telephone: + (233 21) 77 61 71 Facsimile: + (233 21) 77 32 93 E-mail: centre-gcaa@ighmail.com

Telex: 2336 GHACAA
Cable: AIRCIVIL
Sita: ACCXTYX
AFTN: DGAAYFYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

Part 5.4.1.8: Issue and validation of standard Airworthiness Certification.

Part 5.4.1.11: Issue of special Airworthiness Certification.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

#### Part 5.4.1.9: Airworthiness Directives

Ghana Civil Aviation Authority ensures that all applicable Airworthiness Directives are complied with by the owners/operators of registered aircraft in Ghana by means of airworthiness inspections and regular surveillance of maintenance records in accordance with the State's airworthiness regulations. GCAA may request an alternative means of compliance from the State of Design at the request of an operator.

In addition, GCAA will notify the State of Design wherever an unsafe condition of a product exists or develops in other products of the same Type Design.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

### Part 5.5.1.4: Report of failures and malfunctions and defects

All reports must be submitted to the Ghana Civil Aviation Authority within three days. The Authority will submit all such reports upon receipt to the State of Design.

### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Not applicable.

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GREECE 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Hellenic Civil Aviation Authority General Directorate of Air Transport Flight Standards Division P.O. Box 70360 Glyfada GR - 166 10 Hellenic Republic

Telephone: + (30-1) 0997-3061 Facsimile: + (30-1) 0997-3060 E-mail: ktsiftsis@hcaa.gr Cable: 214444LGAC GR AFTN: LGACYAVX

Note.— Greece has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The Hellenic Republic, as a full Member State of the JAA had adopted the following JAA provisions as the State Airworthiness Code:

• JAR-22 Sailplanes and Powered Sailplanes

• JAR-VLA Very Light Aircraft

JAR-23 Normal, Utility, Aerobatic and Commuter Category Aeroplanes

JAR-25 Large Aeroplanes
 JAR-27 Small Rotorcraft
 JAR-29 Large Rotorcraft

• JAR-E Engines

JAR-APU Auxillary Power Units

• JAR-P Propellers

Certificate of Airworthiness are currently issued and validated under the authority of Presidential Decree 634 of 1970. The currently ongoing Regulatory Renewal project will adopt JAR 21, Subpart H and associated guidance material as the standard for the issuance of Certificates of Airworthiness.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Certification Office of the Hellenic Civil Aviation Authority, in the person of the Certification National Coordinator, is responsible for Airworthiness Directives and the exchange of continuing airworthiness information. Contact is maintained with the Certification Departments of the CAAs of all States of Manufacture of aircraft currently on the Greek Registry. Data gathered through the System of Reporting of Information on faults, defects and malfunctions which is deemed significant is forwarded to the State of Manufacture and Aircraft Manufacturer with the intent of initiating an ongoing dialogue.

GREECE 2

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Royal Decree 22-1964 as amended and superceded by the adoption of JAR OPS-1 via the instrument of Presidential Decree 222-2001 mandates the reporting of information on faults, defects and malfunctions. The ongoing regulatory renewal project currently underway is modernizing and streamlining the system with the objective of implementing online reporting and a system based on electronic data retention and statistical analysis.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Not yet available.		

GRENADA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate of Civil Aviation, Organization of Eastern Caribbean States, together with UK CAA Advisory Service:

Mr. Herald Wilson

Director of Civil Aviation
Ministry of Tourism, Civil Aviation and Social Development
PO Box 293 The Carenage
St. George's
Grenada

Telephone: (473) 440 0366/7/8 Facsimile: (473) 440 0443

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

The names of the airworthiness codes for Grenada are the Civil Aviation (Air Navigation) Regulations 1996 and 1997 and these are based on the Overseas Territories (Dependent territories) Order 1989.

#### **Special Conditions**

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives received from manufacturers and/or the Airworthiness Authority of a State are immediately communicated to local operators.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

International reporting on information on facts, defects and malfunctions is accomplished mainly by AFTN, facsimile, e-mail or regular postal services after the level of urgency has been established.

### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

This section is not applicable to our situation.

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GUATEMALA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Dirección General de Aeronáutica Civil Aeropuerto Internacional "La Aurora" Zona 13 Guatemala

Telephone: (502) 331 7282 Facsimile: (502) 331 7282

E-mail: Direcciongeneral@aeronauticacivil.org.gt

AFTN: MGGTYAYZ

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

- Guatemalan Civil Aviation Regulations (GCARs)
- FAR 23, 25, 27 and 29

### **Special conditions:**

In the case of a Certificate of Airworthiness issued in a foreign country, will adopt and recognize the Airworthiness Codes in accordance with the rules of international law.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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GUINEA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministère chargé des Transports Direction Nationale de l'Aviation Civile B.P. 95 Conakry République de Guinée

Telephone: + 224 45-34-57/19 28

Facsimile: + 224 41 3577

E-mail: dnac@sotelgui.net.gn

AFTN: GUCYYAYC

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

- Guinean Civil Aviation Code (Law L/95/024/CTRN of 2 June 1995)
- FAR
- JAR

#### **Special conditions**

Initial issuance of Certificate of Airworthiness

For the initial issuance of the Certificate of Airworthiness, the following documents shall be supplied to Civil Aviation:

- Application for issuing Certificate of Airworthiness
- Copy of Type Certificate and Data Sheet
- Copy of Export Certificate of Airworthiness and the current Certificate of Airworthiness
- Copy of Flight Manual
- Copy of the manufacturer's maintenance, overhaul and repair manuals
- Airworthiness Directive and Service Bulletin Compliance List
- Copy of the crew operations manual
- Copy of mass and balance report
- Flight test report for the avionics system
- Flight test report for the aircraft
- Aircraft and Engines Parts Catalogue
- Component Status List
- Copy of the Maintenance Review Board Report (MRBR)
- Copy of the Master Minimum Equipment List (MMEL)

The applicant should make the aircraft available, at a time and place acceptable to the Civil Aviation inspectors, for such checks and inspections considered necessary.

GUINEA 2

#### Entering the Register

For the issuance of Registration Certificate, the owner of the aircraft shall supply:

- Application for entering the register
- Certificate of Airworthiness
- Certificate of de-registration from foreign registry
- Bill of sale
- Statement of nationality of the aircraft owner
- Custom declaration

Before entering the Guinean Register, a used aircraft shall have a service history acceptable to civil aviation, in the French or English language. Aircraft history must be clear and it shall be prepared for survey for basic inspection when entering the register.

#### Renewal of a Certificate of Airworthiness

The owner or the operator shall apply for the renewal of the Certificate of Airworthiness at least 15 days before it expires. For this, he needs to submit to Civil Aviation the following:

- Application for renewal of Certificate of Airworthiness
- Technical status of aircraft in appropriate form
- Aircraft insurance

The applicant should make the aircraft available, at a time and place acceptable to the Civil Aviation inspectors, for such checks and inspections considered necessary.

#### Validation of a Certificate of Airworthiness

Annex 8 — Airworthiness of Aircraft to the Chicago Convention requires that when a State of Registry renders valid a Certificate of Airworthiness issued by another Member State it shall provide a suitable statement of authorization to be carried with the original certificate. The validity of the authorization shall not extend beyond the period of validity of the original certificate; however, whenever the period of validity of the certificate is renewed, the authorization may be renewed or another authorization issued by the State of Registry for a period not exceeding the period of validity of the original certificate.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Guinea is not a manufacturing State of Aircraft and therefore does not originate Airworthiness Directives (ADs). All ADs are received from the certifying Authority of the State of Manufacture (Type Design) and then transmitted to the operators whose aircraft are registered in Guinea.

The Civil Aviation Inspectors regularly ensure that ADs are applied by carrying out the necessary checks or inspections.

GUINEA 3

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

There is no special system for communicating information on faults, defects and malfunctions. The airlines, however, have reports submitted to the manufacturer.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Guinea is not an aircraft manufacturing State and therefore does not have any organization responsible for Type Design.

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GUINEA-BISSAU 1

FOR CONTINUING AIRWORTHINESS

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE

Agência da Aviação Civil da Guiné-Bissau Aeroporto Internacional Osvaldo Vieira CP 77 Cedex Bissau República da Guinée-Bissau

Telephone: (245) 3256667 Facsimile: (245) 3256665

E-mail: aacguinebissau@yahoo.com.br

Agence de l'Aviation Civile de la Guinée-Bissau

Mr. Corobo Dinis

Direction de la Sécurité Opérationnel E-mail: <u>diaco88@hotmail.com</u>

Mr. dos Santos Moreira João Filomeno

Département de la navigabilité

E-mail: moreirame3@yahoo.com.br

Note.— Guinée-Bisssau in the absence of its regulations, as a member of UEMOA utilizes the Règlements Communautaires (RC OPS 1, RC CDN and RC 145) of UEMOA. The information can be found in the UEMOA web site: www.uemoa.int/actes/2005/Annexe.

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The Civil Aviation Authority of Guinée-Bisssau has adopted RC CDN of UEMOA, Part 1 of RC CDN, Chapter B (CDN.1.B.005, 010 and 015 a)).

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

See RC CDN, Chapter C (CDN.1.C.005).

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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GUYANA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

The Interim Director General Guyana Civil Aviation Authority 96 Duke Street Kingston Georgetown Guyana

Telephone: + (592) 225 6822 Facsimile: + (592) 225 6800 E-mail: dg@gcaa-gv.org

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Guyana has elected to adopt by reference in our regulations the following States' Code of Airworthiness:

- FAR United States
- JAR Europe
- BCAR United Kingdom
- EASA Europe
- CAR Canada

#### **Special Conditions**

For the initial issue of a Certificate of Airworthiness, the following documents shall be supplied to the Guyana Civil Aviation Authority:

- Export Certificates of Airworthiness for the aircraft, engines, and propellers.
- A list of Service Bulletins (SBs), including Alert SBs, complied with.
- Statement of Modification Status which shall include:
  - 1) customer options incorporated;
  - 2) equipment incorporated.

#### • Airworthiness Directives:

- 1) A declaration of compliance with all Airworthiness Directives (ADs) issued by the State of Manufacture must be provided. Where optional means of compliance are offered, the means chosen shall be stated.
- 2) ADs containing repetitive compliance requirements must be identified. Information as to when the next compliance is due must also be provided.
- Statement of compliance with mandatory equipment and radio apparatus requirements specified in the Guyana Civil (Air Navigation) Regulation and the Guyana Aviation Requirements.
- **First-of-type aircraft.** In addition to the requirements above, the following are required for a first-of-type aircraft exported to Guyana:
  - 1) Statement of build standard which shall include the aircraft specification.
  - 2) A copy of the aircraft and engine type certificates and applicable supplemental type certificates.

GUYANA 2

3) Type certificate data sheets of specifications of aircraft, engine, and propeller, including any supplemental type specifications.

- 4) Wiring diagram.
- 5) Electrical load analysis.
- 6) Maintenance Review Board Report, where applicable.
- 7) Maintenance planning data.
- 8) Approved Master Minimum Equipment List, where applicable.
- 9) Noise certificate.
- 10) One copy each of the following manuals:
  - i) flight manual or pilot operating handbook (in addition to the copy for each aircraft);
  - ii) aircraft maintenance;
  - iii) engine maintenance;
  - iv) propeller maintenance;
  - v) APU maintenance;
  - vi) parts catalogue;
  - vii) standard practices;
  - viii) structural repair;
  - ix) Structurally significant items
  - x) loading procedures
  - xi) weight and balance
  - xii) non-destructive testing
- 11) Complete sets of SBs for aircraft, engine, propeller, and APU. Amendment service for the above documents must be provided.
- Used aircraft. For used aircraft the following are also required:
  - 1) A complete history of the aircraft, engines, propeller, components and equipment including:
    - i) A complete history of aircraft, engine, propeller, components and equipment including:
    - ii) The maintenance programme to which the aircraft has previously been maintained, including previous check cycle and future check cycle.
  - 2) The flight time since new of any components of the aircraft, engines, propellers, or equipment which are subject to mandatory life limitations.
  - 3) The flight time since new and since overhaul of any components of the aircraft, engines, propellers, or equipment which are subject to an approved overhaul period.
  - 4) Details of all changes of major structural components such as wings, tailplanes, helicopter rotors or transmission components, and histories of the replacing components.
  - 5) Details of major structural repair including the nature of damage in each case.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

ADs issued by the State of Design are mandatory. Additionally, Guyana may issue an AD whenever an unsafe condition of a product might exist or develop in other products of the same type design, and the State of Design shall be informed of these ADs.

It is the responsibility of all operators and owners to receive and comply with ADs issued by the State of Design.

ADs issued by the Guyana Civil Aviation Authority are sent to the affected operators and owners by letter or fax depending on the urgency of the matter.

The Guyana Civil Aviation Authority ensures that all applicable ADs are complied with by owners/operators of Guyana registered aircraft by means of airworthiness inspections and regular surveillance of maintenance records in accordance with the Guyana Civil Aviation (Air Navigation) Regulations.

GUYANA 3

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The Guyana Civil Aviation Authority has established and uses a Mandatory Occurrence Reporting System which obliges all the civil registered aircraft owners/operators air operator certificate holders, approved maintenance organizations to report any faults, defects and malfunctions.

All reports should be submitted to the Guyana Civil Aviation Authority within 72 hours from the time the occurrence was discovered.

The system also requires all operators to inform the aircraft designer about these difficulties.

The Guyana Civil Aviation Authority will review these reports and, as required, inform the State of Design.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Guyana is not an aircraft manufacturing State, and therefore does not have any organization responsible for Type Design.

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HAITI 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Office National de l'Aviation Civile Aéroport International de Port-au-Prince Boîte Postale 1346 Port-au-Prince Haiti

Telephone: (509) 246 0052 Facsimile: (509) 246 0998 AFTN: MTEGYNYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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HONDURAS 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Dirección General de Aeronáutica Civil Apartado Postal #30145 Aeropuerto Toncontín Tegucigalpa, M.D.C. Honduras

Telephone: (504) 233 11 15 Facsimile: (504) 233 36 83

Cable: DIRGA-TEGUCIGALPA

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

HUNGARY 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Transport, Communications and Water Management

General Directorate of Civil Aviation

H-1400

1077 Budapest, Dob utca 75-81

Hungary

Telephone: (36-1) 342-2544/ 342-7132

Facsimile: (36-1) 322-2848

Cable: AVIACIVIL - Budapest

AFTN: LHAAYAYX

Note.— Hungary has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Airworthiness Code(s) adopted for issue or validation of certificate or airworthiness:

- USSR Civil Airworthiness Requirements
- BCAR
- JAR

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Hungary is not a manufacturing State of any type of aircraft at present and therefore does not originate Airworthiness Directives (ADs) for dissemination to other States. However, such Directives are received from major aircraft manufacturing States, e.g. former Soviet Union countries, former Czechoslovakia, Poland, United Kingdom and the United States. Such ADs are issued partly by manufacturers and trade organizations, partly by aviation authorities. These ADs are received from the operators as well.

When a mandatory AD or modification is involved concerning flight safety, modification of overhaul lives, maintenance schedule or flight manual, etc., the CAA approves them and declares them mandatory. These mandatory modifications/inspections are brought to the attention of the operators.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Overhauls of aircraft operated by MALEV Hungarian Airlines are made in the State of Manufacture or approved maintenance organizations. In case of failures experienced during the operation and exceeding the permitted magnitude it is the operators duty to inform the manufacturer. Periodical consultations between the aircraft manufacturer and operator are arranged in order to transmit information on experience gained during the operation of the aircraft.

HUNGARY 2

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.		

ICELAND 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Flugmalastjorn Islands (Icelandic Civil Aviation Administration)
Flight Safety Division
Reykjavik Airport
101 Reykjavik
Iceland

Telephone: + (354) 569 4100 Facsimile: + (354) 562 1904

E-mail: (person responsible for airworthiness issues) ss@caa.is

URL: http://www.caa.is

Cable: CIVILAIR SITA: BHXACCR AFTN: BICAYAYT

Note.— Iceland has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The Icelandic Civil Aviation Administration (ICAA) as a full member of the JAA issues Airworthiness Certificates only for aircraft and aircraft components that have been certified based on the Joint Validation Procedure of JAA including agreements with other non JAA Member States.

For aircraft and aircraft components not certified in accordance with the JAA systems, ICAA accepts Type Certificates issued by JAA full Member States, the United States and Canada.

JARs, FARs and Icelandic regulations are applicable for aircraft equipment and continued airworthiness of aircraft.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives issued by the State of Manufacture of the aircraft are mandatory in respect of aircraft on the Icelandic register.

When such a situation arises the Flight Safety Division may issue its own Directives (Akvðun Flugmalastjornar).

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The owner/operator or the maintenance organization must report to the Authority and the Type Certificate holder any such condition identified by the owner/operator or the maintenance organization that could cause serious hazard to the aircraft. Reports must be made as soon as practicable but in any case within three days of the finding.

ICELAND 2

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

None.			

INDIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate General of Civil Aviation DGCA Complex OPP. Safdarjung Airport New Delhi - 110003 India

Telephone: (91 11) 4620784 Facsimile: (91 11) 4629221 E-mail: dgca@hub.nic.in AFTN: VIDDYAYG

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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INDONESIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate General of Air Communications Gedung Karsa, 5th Floor Jalan Medan Merdeka Barat no. 8 Jakarta 10110 Indonesia

Telephone: (62 21) 350 5137

(62 21) 350 5133

Facsimile: (62 21) 350 5139

E-mail: dirjenud@indosat.net.id

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Deputy Administrator in Flight Standards Civil Aviation Organization Mehrabad International Airport P.O. Box 1798 Postal Code 1381159111 Tehran Islamic Republic of Iran

Telephone: + (98-21) 6025045 Facsimile: + (98-21) 6036552 Telex: 213889 EPD IR Cable: CIVILAIR, TEHRAN

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

A Civil Aviation Code containing national airworthiness regulations is under process and will be implemented in the form of IAR (Iranian Aviation Regulation). At present the FAR and JAR codes, as well as the codes of other ICAO Contracting States (i.e. British CAR) on the basis of case-by-case evaluations is considered.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Airworthiness Directives (ADs) issued by the State of Manufacture of the aircraft are followed.

All owners/operators of aircraft are required to comply with all applicable ADs.

Owner/operators of aircraft are informed immediately on receipt of ADs, and other mandatory information defending upon the urgency of the matter.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The faults, defects and other occurrences affecting continuing airworthiness of the aircraft, as requested by the manufacturer will be directed to them by operators.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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IRAQ 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

General Establishment of Civil Aviation P.O. Box 23006 Saddam International Airport Baghdad Iraq

Telephone: +(9641) 813 4120 Facsimile: +(9641) 885 1746 E-mail: airport1@uruklink.net

Cable: SDA

SITA: SDAYAYD AFTN: ORBSYDYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Special Conditions**

Contained in the Iraqi Civil Aviation Law and Instructions.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Compliance with Airworthiness Directives (ADs) and alert Service Bulletins (SBs) of the State of Manufacture is made mandatory by the CAA of Iraq. The action of the owner/operator is normally checked by the airworthiness surveyors. Compliance with these ADs and alert SBs is confirmed when renewing the aircraft Certificate of Airworthiness.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Reporting of faults, defects and malfunctions by the operator is mandatory according to Flight Safety Instruction No. 23.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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IRELAND 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Airworthiness Standards Department Irish Aviation Authority Aviation House Hawkins House Hawkins St. Dublin 2 Ireland

Telephone: (353-1) 6031514 Facsimile: (353-1) 6793349

Telex: 93736

AFTN: EIDWYAYX

E-mail: (head) brian.skehan@iaa.ie

Note.— Ireland has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Ireland requires certification to Joint Aviation Requirements (JARs.) However, for older aircraft types, or where JAR certification is not available, Ireland accepts United States Federal Aviation Regulations (FARs) and British Civil Airworthiness Requirements (BCARs) for aircraft Type Certification (TC) purposes. The applicability of the latter codes is related to the date of the relevant application for TC, i.e. the latter codes are acceptable only for older aircraft for which the date of application for TC predates 1990.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Ireland does not manufacture aircraft and accordingly Airworthiness Directives (ADs) are not normally issued for production aircraft. Where it is considered, however, that an AD would be desirable, the Authority will communicate that to the State of Manufacture concerned, either directly or through the JAA system (see D) below). There is provision for the issuance of ADs in the form of notices in the series "Notices to Aircraft Owners and Aircraft Engineers" which are promulgated to the industry and may additionally be obtained from the Authority at A) above.

Irish legislation requires mandatory compliance by aircraft owners or operators with ADs issued by States of Manufacture for aviation products. The Aviation Authority also monitors all such ADs of relevance to aircraft or products on the Irish register and checks compliance when renewing Certificates of Airworthiness. ADs of a general nature are brought to the attention of the Irish industry by Notice as above or, exceptionally, by direct contact with an aircraft owner/operator. This would also apply where urgent ADs are received directly by the Authority for immediate action from a State of Manufacture.

IRELAND 2

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Irish operators and maintainers are required to report to the responsible design organization all airworthiness defects which occur on their aircraft in accordance with Annex 8. The Authority also monitors such reports from operators and maintainers and will communicate significant issues directly to the State of Manufacture concerned as necessary. There is, additionally, a communication route through the Joint Aviation Authorities (JAA) system which allocates areas of type airworthiness responsibility to the authorities of particular JAA Member States. Exceptionally, the Authority may communicate directly with a manufacturer, or with the certification agency of the State of Manufacture, where particular problems might be encountered with an aircraft type.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There are none such in the Irish Republic at this time.

ISRAEL 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Director, Airworthiness Division Civil Aviation Authority of Israel Golan Building, Golan Street P.O. Box 1101, Airport City Israel 70100

Telephone: +972-3-9774540 Facsimile: +972-3-9774592 Website: http://en.caa.gov.il

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Air Navigation Regulations (Procedures for Documentation of Aircraft and Aircrafts Parts), 1977.

The regulations for the licensing of Aeroplanes, Rotorcrafts, Manned Free Balloons, Engines and Propellers are adopted by reference from the code specified in the United States Federal Aviation Regulations (FAR 23-35 inclusive).

The regulations for the licensing of Gliders are adopted by reference from the code specified in the European Aviation Safety Agency's certification specifications (CS 22).

#### **Special Conditions**

An Israeli Type Certificate must be issued for import products prior to the issuing of an Israeli Certificate of Airworthiness.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The CAA of Israel issues and disseminates Airworthiness Directives (ADs) in cases of mandatory changes or unsafe conditions detected through inspection, whether originated in Israel or aboard, with regards to:

- Israeli-designed aircraft, engines and equipment
- Foreign-designed aircraft, engines and equipment

Reference is made to the relevant AD as issued by the relevant authority of the State of Design, or the Type Certificate holder's Service Bulletin, as applicable. ADs issued in light of service history of Israeli-designed aircraft are distributed to:

- Israeli operators;
- Civil Aviation Authorities of foreign States which have Israeli-designed and manufactured aircraft on their registry.

ISRAEL 2

ADs issued by foreign authorities are reviewed upon receipt and, unless otherwise decided, distributed to Israeli operators of the aircraft, engines and equipment concerned as promptly as possible. Compliance is constantly monitored by air safety inspectors employed by the CAAI. Summary lists and individual ADs issued by the CAAI are available, free of charge, upon request to

the CAAI, as well as listed on the CAAI website.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Regulations 30A and 30B of the Air Navigations Regulations (Operation of Aircraft and Rules of Flight), 1981 require all Air Operators (both commercial and general aviation) to report any failure, malfunction, deficiency or defect in an aircraft, within an allotted time. The report should contain the date of the incident, the name of the Air Operator, aircraft type, description of difficulties encountered, and corrective action taken.

Regulation 30C also requires the Air Operators to report service difficulties to the holder of the Type Certificate of an aeroplane over 5 700 kg maximum certificated take-off mass or a helicopter over 3 175 kg maximum mass.

Upon receipt of the above required data, the CAAI, after an investigation, may require necessary action to be taken by the operator, and, if necessary, further forward to the relevant foreign Civil Aviation Authorities.

In addition to the Air Operator reporting requirements, Approved Maintenance Organizations (AMOs) are required as per regulation 41 of the Air navigation Regulations (Approved Maintenance Organizations), 2012 to report to the CAAI of any service difficulty encountered in an aircraft during maintenance.

Regulation 64 of the Air Navigation Regulations (Procedures for Documentation of Aircraft and Aircraft Parts), 1977 requires the holder of a type certificate (including supplemental type certificate), or a PMA to notify the CAAI of failures, malfunctions or defects in any system or part manufactured by it.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

#### ISRAEL AEROSPACE INDUSTIRES LTD.

Ben-Gurion Intl. airport, 70100, Israel Telephone: +972-3-9353111 Facsimile: +972-3-9354226

Responsible for type design of aircraft models:

Westwind 1121; Westwind 1121A; Westwind 1123; Westwind 1124; Westwind 1124A

Primary point of contact:

Hanoch Kliger, Manager, IAI CAG technical & engineering product support

Telephone: +972-3-9355112 Facsimile: +972-3-9356593 ISRAEL 3

Secondary point of contact:

Nathan Hirsch, IAI CAG product Support

Telephone: +972-3-9353334 Facsimile: +972-3-9356593

Responsible for type design of aircraft models:

Arava 101; Arava 101B; Arava 102

Primary point of contact:

Zvi Ackerman, IAI LAHAV division product support

Telephone: +972-3-9357227 Facsimile: +972-3-9357540

#### **GULFSTREAM AEROSPACE L.P**

c/o IAI dept. 4199

Ben-Gurion Intl. airport, 70100, Israel

Responsible for type design of aircraft models:

Gulfstream models Astra, Astra SPX, Galaxy, Gulfstream 100, Gulfstream 150, Gulfstream 200, Gulfstream 280

Primary point of contact:

David Lawton, GALP airworthiness and Certification Manager

Telephone: +972-3-9356625 Facsimile: +972-3-9356750

Secondary point of contact:

Charly Gaber, GALP site manager Telephone: +972-3-9356627 Facsimile: +972-3-9356750

ITALY 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Airworthiness Authority:

**ENAC** 

Via di Villa Ricotti 42

00161 Rome

Italy

Telephone: + 39-6-441851 Telefax: + 39-6-44185691

Note.— Italy has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **EASA Aircraft**

#### **Airworthiness Code(s)**

Sailplanes and Powered Sailplanes	CS-22
Normal, Utility, Aerobatic and Commuter Aeroplanes	CS-23
Large Aeroplanes	CS-25
Small Rotorcraft	CS-27
Large Rotorcraft	CS-29
Aircraft Engine Emission and Fuel Venting	CS-34
Aircraft Noise	CS-36
Auxiliary Power Unit	CS-APU
All Weather Operations	CS-AWO
Engines	CS-E
European Technical Standard Orders	CS-ETSO
Definitions and Abbreviations	CS-Definitions
Propellers	CS-P
Very Light Aeroplanes	CS-VLA
Very Light Rotorcraft	CS-VLR

EASA website: http://www.easa.europa.eu

#### **Special Conditions**

Special conditions are part of the EASA Certification Basis and they are established in accordance with Commission Regulation (EC) No. 1702/2003 Annex Part 21, paragraph 21A.16B.

#### **Annex II Aircraft**

Annex II aircraft are those aircraft as defined under Article 4(4) of Regulation (EC) No. 216/2008. For Annex II aircraft, national regulations as defined in ENAC Regolamento Technico apply.

ITALY 2

#### **Airworthiness Code(s)**

According ENAC Regolamento Technico, the Airworthiness Codes are the Certification Specifications issued by EASA and listed above.

#### **Special Conditions**

Special conditions are part of the ENAC Certification Basis and they are established in accordance with ENAC Regolamento Technicao which conforms with Commission Regulation (EC) No. 1702/2003 Annex Part 21, paragraph 21A.16B.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

For EASA aircraft, refer to the EASA Airworthiness Directive (AD) publication tool that can be found at <a href="http://www.easa.europa.eu">http://www.easa.europa.eu</a>.

For Annex II aircraft, ADs may originate from:

- ENAC determination that an unsafe condition, affecting the continuing airworthiness of an aircraft/product, requires a mandatory corrective action (usually for aircraft/products designed in Italy, ADs are issued on the basis of Service Bulletins (SBs)); or
- AD or equivalent document issued by the authority of the State of Design (for Annex II aircraft/products designed abroad and registered in Italy).

ADs concerning Annex II aircraft include full translation in English. Usually reference is made to the relevant designer's SB.

ADs for all aircraft (EASA and Annex II) are published through the ENAC AD publication tool that can be found at: http://www.enac-italia.it/.

The name of the individual AD is "Prescrizione di Aeronavigabilita".

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Systems for reporting of information on faults, defects and malfunctions is made in accordance with Part 21A.3 of the Annex to Regulation (EC) No. 1702/2003, Part MA.202, Part 145.A.60 of Annexes I and II to Regulation (EC) No. 2042/2003, EU-OPS.420 of Annex III to Regulation (EC) No. 3922/1991 and AMC 20-8.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

For the name and full addresses of the Italian organization, refer to the EASA website: http://www.easa.europa.eu.

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JAMAICA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

The Director-General of Civil Aviation Jamaica Civil Aviation Authority 4 Winchester Road Kingston 10 JAMAICA, WI

Telephone: + (876) 920-2250 Facsimile: + (876) 920-0194 AFTN: MKJKYAYX E-mail: jcivav@toj.com

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

The Civil Aviation Regulations, 1995

- Part III, Section 7, paragraphs (1) through (11)
- Part III, Section 8, paragraphs (1) through (9)

#### **Special Conditions**

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The method used for handling Airworthiness Directives in Jamaica is contained in:

The Civil Aviation Directives, 1996
 Directive No. 157

The method of exchanging information with other Contracting States on continuing airworthiness matters is contained in:

• The Civil Aviation (Foreign Designed/Manufactured Aircraft Airworthiness Information) Directives, 1997

The Authority shall notify the State of Design and the State of Manufacture when an aircraft is entered on the Register of Civil Aircraft.

The mandatory continuing airworthiness information from the State of Design or the State of Manufacture shall be used by aircraft operators and the Authority shall convey such information to aircraft operators.

Operators of aircraft registered in Jamaica shall transmit all mandatory airworthiness information to the Authority, the State of Design and the State of Manufacture.

JAMAICA 2

For the purposes of this directive, the State of Design may be construed to be the State in which the type certification of the aircraft was issued.

If the State of Design and the State of Manufacture are different States, both States must be notified.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The system used for the international reporting of information on faults, defects and malfunctions is contained in:

- The Civil Aviation Regulations, 1995 Part III, Section 80, paragraphs (1) to (5); and
- The Civil Aviation (Foreign Designed/Manufactured Aircraft Airworthiness Information) Directives, 1997

#### **Mandatory reporting**

- 1. Subject to the provisions of this regulation, every person who:
- a) is the holder of an air operator's certificate or commander of a public transport aircraft which is registered in Jamaica and has a maximum total weight authorized of more than 2 300 kg; or
- b) carries on the business of manufacturing, repairing or overhauling such an aircraft, or any equipment or part thereof; or
- c) signs a certificate of maintenance review or of release to service in request of such an aircraft, or any equipment or part thereof; or
- d) performs a function for which he requires an air traffic controller's license; or
- e) is the licensee or manager of a licensed aerodrome,

shall make a report to the Minister:

- i) of any reportable occurrence of which he knows and which is of such a description as is specified in Provision 6 of the Fourteenth Schedule, within such time, by such means, containing such information as may be prescribed and shall be presented in such form as the Minister may in any particular case approve; and
- ii) within such time, by such means, and containing such information being information which is his possession or control and which relates to a reportable occurrence which has been reported by him or by another person to the Minister in accordance with this regulation, as the Minister may specify in a notice in writing served upon him.
- 2. In this regulation "reportable occurrence" means:
  - a) any incident relating to such an aircraft or any defect in or malfunctioning of that aircraft or any part or equipment thereof, being an incident, malfunctioning or defect endangering or which, if not corrected, would endanger the aircraft, its occupants or any other person; and

JAMAICA 3

b) any defect in or malfunctioning of any facility on the ground used or intended to be used for the purpose of or in connection with, the operation of such an aircraft, being a defect or malfunctioning endangering or which, if not corrected, would endanger such an aircraft or its occupants.

- 3. Subject to paragraph 1) ii), nothing in this regulation shall require a person to report any occurrence which he has reason to believe has been or will be reported by another person to the Minister in accordance with this regulation.
- 4. A person shall not make any report under this regulation if he knows or has reason to believe that the report is false in any particular.
- 5. Without prejudice to regulation 37 (2) and subject to the provisions of Regulation 59, the operator of an aircraft shall, if he has reason to believe that a report has been or will be made in pursuance of this regulation, preserve any data from a flight data recorder relevant to the reportable occurrence for 14 days from the date on which a report of that occurrence is made to the Minister or of such longer period as the Minister may in a particular case direct and where the aircraft is outside Jamaica and it is not reasonably practicable to preserve the record on the flight data recorder until the aircraft returns to Jamaica, a copy of the record shall, where practicable, be made, and submitted to the Authority on the aircraft's return to Jamaica.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Not applicable in Jamaica.

JAPAN 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Bureau Airworthiness Division 2-1-3 Kasumigaseki Chiyoda-ku Tokyo 100-8918 Japan

Telephone: (81 3) 5253 8735 Facsimile: (81 3) 5253 1661

URL: http://www.mlit.go.jp/english/index.html

E-mail: AD-JCAB@mlit.go.jp

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

The issuance of the Certificate of Airworthiness is based on the Civil Aeronautics Law and Regulations of Japan; together with TAIKU-SEI-SHINSA-YORYO (Airworthiness Inspection Manual) which is equivalent to FAR (for aeroplane, rotorcraft, engines and propellers) and JAR (for sailplanes and powered sailplanes).

#### **Special conditions**

Special conditions are prescribed if standard provisions are inappropriate to prove that the aircraft comply with the airworthiness standards due to a novel or unusual design feature of the aircraft. The procedure to prescribe special conditions is described in JCAB Circular No. 1-303.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) are issued in those cases where JCAB consider the modification or inspection in question is mandatory for continuing airworthiness of the aircraft concerned, or for imported aircraft, where the airworthiness authorities of a State of Design/Manufacture issued an AD. The JCAB may issue its original AD for imported aircraft, when the JCAB specially recognizes its necessity. The State of Design/Manufacture shall be informed of such original ADs.

ADs are addressed to individual aircraft owners (operators) concerned. For aircraft manufactured in Japan and exported to a foreign State, ADs thereon are forwarded to the aviation authorities for the State of Registry.

The name of the individual Directives is 'TAIKUSEI KAIZEN TSUHO (TCD)".

JAPAN 2

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Air carriers are required to report an event which affects safe operation of their aircraft in accordance with Article 111-4 of Japan the Civil Aeronautics Law. In addition, operators of aeroplanes over 5 700 kg MTOM, or over 3 175 kg MTOM for rotorcraft, are required to report faults, defects and malfunctions to JCAB and, if required, to the organization responsible for the type design of the aircraft in accordance with JCAB Circular No. 6-001.

As an add-on system, JCAB has a supplementary reporting system for faults, defects and malfunctions as prescribed in JCAB Circular No. 6-002. This system aims to inform operators of the reported faults, defects and malfunctions, in order to help detecting and preventing similar cases on the same type of aircraft, engines, propellers, components, parts and emergency equipment.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Mitsubishi Heavy Industries Ltd. 16-5, Konan 2-Chome, Minato-ku, Tokyo 108-8215, Japan

Aircraft type: YS-11, MU-2, MU-300 series

Kawasaki Heavy Industries Ltd. 1, Kawasaki-Cho, Kakamigahara-Shi, Gifu-Ken 504-0971, Japan

Aircraft type: BK117, KH369 series

Fuji Heavy Industries Ltd. 1-11, Yonan 1-Chome, Utsunomiya-Shi, Tochigi-Ken 320-0834, Japan

Aircraft type: FA-200 series

JORDON 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Jordon Civil Aviation Regulatory Commission P.O. Box 7547 Amman 11110 Jordan

Attn: Capt. Sulejman Obejdat

Chief Commissioner/CEO

Telephone: +(00962 6) 489 5454 / 489 2282

Facsimile: +(00962 6) 489 2459

E-mail: c.commissioner@carc.gov.jo

Website: www.carc.jo

Attn: Eng. Mohammad Al-husban

Director Flight Safety

Telephone: +(00962 6) 488 7042 Facsimile: +(00962 6) 487 4710 E-mail: dsafety@carc.gov.jo

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code**

The issuance of Certificates of Airworthiness is based on the Jordan Civil Aviation Law 41 of 2007 and the applicable Jordan civil aviation regulation.

#### **Special Conditions**

All imported products must be subject to Type Acceptance/Validation according to Jordan Civil Aviation Regulation Part 21 prior to the issuance of a Certificate of Airworthiness.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

#### Products not manufactured in Jordan

Jordan CARC adopts the Airworthiness Directives (ADs) issued by the State of Design of that product. Jordan CARC may also issue ADs, applicable on Jordanian registered aircraft, based on data that is deemed crucial for safety such as mandatory publications issued by the manufacturer, or based on operational experience. Jordan CARC communicates this information to the design organization/manufacturer and the State of Design of that product.

#### Products manufactured in Jordan

Jordan CARC issues ADs, applicable on products which Jordan is the State of Design/Manufacture, based on data deemed crucial for safety as a result of a system of collection, investigation and analysis of failures, malfunctions, defects or other occurrences which cause or might cause adverse effects on the continuing airworthiness of the product, part or appliance covered by the type certificate, restricted type certificate, supplemental type certificate, JTSO authorization.

JORDON 2

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Jordan Civil Aviation Regulation Parts 21, 145 and 121 or 135 include provisions for reporting faults, defects, malfunctions and occurrences to the aircraft design organization, the State of Registry and the State of Design.

Jordan CARC uses an occurrence reporting system to report faults, defects, malfunctions and occurrences by the operators and the approved maintenance organizations to the State of Registry. If the fault, defect, malfunction or occurrence is suspected to have some thing to do with aircraft design or manufacture, the reporter has to report to the aircraft design organization. Jordan CARC will review these reports and, as required, report to the State of Design.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

SAMA 2000 and SAMA 2020G2 aircraft

Jordan Aerospace Industries P.O. Box 815570 Amman 11180 Jordan

Telephone: +(00962 6) 556 0511 Facsimile: +(00962 6) 556 0514

E-mail: info@jai.jo Website: www.jai.jo

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KAZAKHSTAN 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Committee Ministry of Transport and Communications 49, av. Abai 473000 Astana Kazakhstan

Telephone: (7 3272) 32 10 77
Facsimile: (7 3272) 39 02 87
E-mail: kga@asdc.kz
AFTN: UAADDRDU

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

KENYA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Director of Civil Aviation P.O. Box 30163 Nairobi Kenya

Telephone: +(254)-2-824557 Facsimile: +(254)-2-824716 Telex: 25239 DCA HQs KE Telegram: "DIRECTAIR" Nairobi

AFTN: HKNCYAYD

E-mail: dca@insightkenya.com

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

This Department has adopted and accepts civilian aircraft certified to either the United States FAR, Joint Aviation Authorities JAR or United Kingdom BCAR standards for the purpose of issuing and validating Certificates of Airworthiness.

#### **Special Conditions**

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Kenya Directorate of Civil Aviation does not issue Airworthiness Directives (ADs) but has a list of Aircraft Airworthiness Notices for mandatory and/or advisory requirements.

ADs are received from States of Manufacture and these are mandatory for aircraft on Kenya's civil aircraft register.

Information to and from other Member States is maintained through the mail, telephone and facsimile.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No systems have been developed as yet for the international reporting of information on faults, defects and malfunctions.

KENYA 2

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There is no organization in Kenya which is responsible for the Type Design of a particular aircraft type for which Kenya is the State of Design.

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KIRIBATI 1

FOR CONTINUING AIRWORTHINESS

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE

Directorate of Civil Aviation Ministry of Information, Communications and Transport P.O. Box 277 Bikenibeu

Tarawa Kiribati

Telephone: (686) 28092

(686) 26003

Facsimile: (686) 28280

(686) 26193

AFTN: NQTAYF

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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KUWAIT 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate General of Civil Aviation Aviation Safety and Air Transport Affairs P.O. Box No. 17 - Safat P. Code 13001 State of Kuwait

Telephone: (965) 434 0161 Facsimile: (965) 476 5796

URL: http://www.kuwait-airport.com.kw

Cable: CIVAIR KUWAIT

SITA: KWIASYA AFTN: OKAAYAYX

E-mail: isc@kuwait-airport.com.kw

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

KYRGYZSTAN 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Transport and Communications Department of Air Transport and Air Space Use 184, Ahunbaeva St. Bishkek 720044 Kyrghyz Republic

Telephone: (3312) 42-25-15 Facsimile: (3312) 42-06-86

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

In civil aviation in the Kyrghyz Republic Certificates of Airworthiness are issued on the basis of the Regulations for State Registration of Civil Aircraft of the Kyrghyz Republic which were given effect by the Ministry of Transport and Communications in Order Number 113 of 14 April 1998.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Based on the Agreements (contracts) concluded with aircraft designers and manufacturers, we are routinely sent the current information on Airworthiness Directives which are implemented in the territory of the Kyrghyz Republic by the Department of Air Transport and Air Space Use, and circulated to the civil aviation operating agencies to be used by them. The methods of exchanging information with other Member States on continuing airworthiness matters are based on interstate arrangements and agreements among the contracting countries, in accordance with international regulations.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

In our State, information on aircraft faults, defects and malfunctions is received from aircraft designers and manufacturers, Scientific Research Institutes of the Aviation Industry and Civil Aviation, and maintenance plants. Information on accidents is received from the IAC in the form of monthly information bulletins on the status of civil aircraft safety. When faults, defects, malfunctions and accidents occur on aircraft in our State, the Department of Air Transport and Air Space Use provides complete, responsive information.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Our State is not a State of Design.

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Department of Civil Aviation 2 Pangkham Street P.O. Box 119 Vientiane Lao People's Democratic Republic

Telephone: (856-21) 512 163,512 006

Facsimile: (856-21) 512 216 AFTN: VLAOYAYX

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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LATVIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Transport Civil Aviation Administration Airport Riga M\_rupes pagasts, LV-1053 Latvia LV-1053

Telephone: + 371 7207 307 Facsimile: + 371 7207 122 E-mail: latcaa@latcaa.gov.lv

Note.— Latvia has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The Airworthiness Codes used by the Latvian Civil Aviation Authority are:

 for aviation products certified before 18 September 1999 the Republic of Latvia has adopted Airworthiness Codes of other Member States of ICAO, after evaluation in each case, for the issue or validation of Certificates of Airworthiness in accordance with national airworthiness regulations - Rules Relating to Certificates of Airworthiness (01-CAA/8A-03), October 1994.

From 18 September 1999 the European Joint Aviation Requirements are applicable for new products:

- JAR-25, Large Aeroplanes
- JAR-23, Normal, Utility, Aerobatic, and Commuter Category Aeroplanes
- JAR-22, Sailplanes and Powered Sailplanes
- JAR-27, Small Rotorcraft
- JAR-29, Large Rotorcraft
- JAR-APU, Auxiliary Power Units
- JAR-E, Engines
- JAR-P, Propellers
- JAR-VLA, Very Light Aeroplanes
- JAR-TSO, Joint Technical Standard Orders

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Airworthiness Directives issued by the authority of the Type Certificate holder are applied.

The exchange of information with other Member States on continuing airworthiness matters is based on the JAR-145, Approved Maintenance Organizations requirements.

LATVIA 2

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The reporting of information on faults and malfunctions is done according to the procedures set out in the MOE and approved in accordance with the JAR-145 requirements.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Since there is no type design or production of aircraft in Latvia, the Civil Aviation Administration only participates in the JAA (Joint Aviation Authorities) Joint Certification Projects.

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LEBANON 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate General of Civil Aviation Flight Safety Department Beirut International Airport Beirut Lebanon

Telephone: + (961-1) 628195/628196/628197/628188

Facsimile: + (96-1) 629010 / 629106

Cable: OLDDYAYX AFTN: OLDDYAYX

E-mail: dgca@beirutairport.gov.lb

documentc@beirutairport.gov.lb

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

AR, JAR and CAR or equivalent Standards (LAR 515).

The issue and the renewal of the Certificate of Airworthiness is based on the Lebanese Aviation Law of 1949 and its amendments together with the Lebanese Aviation Regulations issued on 01.06.2002.

#### **Special Conditions**

Special requirements for the first of the type as stated in the Lebanese Aviation Regulations Part V, Subpart 515.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

In order to be included in the Airworthiness Directives (ADs) subscription list, Lebanese DGCA notifies the CAA responsible for the design of the aeronautical product.

The operators and the DGCA receive independently the ADs from the Airworthiness Authorities responsible for the type design.

The inspectors of the DGCA will monitor compliance with applicable ADs by the operators involved.

Emergency ADs received by facsimile or other electronic messaging system are transmitted to the affected operators by facsimile or priority post and followed by the inspectors.

LEBANON 2

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

#### Service Difficulty Reporting (SDR) System

The SDR programme includes mandatory reporting for manufacturers, Type Certificate holders, air operators and private operators providing passenger transportation.

The operators must inform the DGCA about faults, defects, and malfunctions that could affect the airworthiness of the aircraft registered in Lebanon or the aircraft operated by Lebanese operators.

Reports can be submitted to the Directorate General of Civil Aviation, Flight Safety Department, Beirut International Airport within three working days from the time the service difficulty was first discovered.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Not applicable.			

LESOTHO 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Department of Civil Aviation P.O. Box 629 Maseru 0100 Lesotho

Telephone: (266) 312 499
Facsimile: (266) 310 188
E-mail: ais@ilesotho.com

Cable: CIVILAIR AFTN: FXMMYAYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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LIBERIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Transport Directorate of Civil Aviation James Spriggs Payne Airport P.O. Box 9041-1000 Monrovia 10 Liberia

Telephone: (231) 226657

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

LIBYAN ARAB JAMAHIRIYA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

General People's Committee for Communications and Transport Civil Aviation Authority Aviation Safety Administration Airworthiness Section P.O. Box 14399 Tripoli International Airport Tripoli Libya

Telephone: + (218 21) 563 2331

+ (218 21) 360 5319

Facsimile: + (218 21) 563 2332

SITA: TIPYAXS AFTN: HLLTYAYA

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The Libyan Regulations regarding registered aircraft cover the issue of airworthiness and include laws, regulations and directives related to the subject as well as their mode of implementation.

• Civil Aviation Code No. 6 of 2005

Applicable regulations and laws in this subject including:

- Part 21 Certification of Products and Parts
- Part 26 Additional Airworthiness Requirements
- Part 34 Certificates for Gaseous Waste from Aircraft Engines
- Part 36 Aircraft Noise Certificates
- Part 39 Airworthiness Directives
- Part 43 General maintenance Regulations
- Part 47 Aircraft Registration and Aircraft Registration Codes
- Part 103 Certification and Operation of Very Light Aircraft
- Part 145 Certification of Aircraft Maintenance Organizations

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The airworthiness instructions and directives promulgated by the States of Design and Manufacture are mandatory and all operators must abide by them. Moreover, in special circumstances related to aviation safety, Libya issues special instructions with which operators must comply, e.g. the appearance of a problem or malfunction in any device in the operator's aircraft and it is revealed through the results of an investigation that a certain action must be taken. Coordination is also ensured with the States of Design and Manufacture. In such cases, the operators of such a type of aircraft may be required to carry out a special check determined according to each case.

Regarding the exchange of information, Libya sends all its airworthiness information and instructions to operators and owners by email or fax. Currently, a website is under preparation to disseminate

LIBYAN ARAB JAMAHIRIYA 2

information and instructions related to airworthiness to be made available to all aircraft operators and owners.

Libya ensures the compliance of all owners and operators of aircraft registered in the State by implementing all applicable special airworthiness directives. Annual investigations and reviews are carried out to ascertain this matter. There is also a control process over maintenance records in accordance with the applicable regulations in the field of airworthiness in Libya.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

In accordance with the applicable rules and regulations of the Civil Aviation Authority of Libya, all operators and owners of civil aircraft registered in the State carrying its nationality, as well as approved maintenance organizations, shall submit reports to notify any malfunctions, performance shortcomings or defects in their aircraft by using a specific form for this purpose. The Civil Aviation Authority also communicates with the manufactures and designers and requires operators to do the same at the same time to find solutions to any malfunctions or defects so as to return the aircraft to service. This is only done after obtaining the approval of the Civil Aviation Authority based on a thorough assessment of the situation.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There are none

LITHUANIA 1

## A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Lithuanian Civil Aviation Administration Rodūnios kelias 2, LT-02188, Vilnius Republic of Lithuania

Telephone: + 370-5 2739-038 Facsimile: + 370-5 2739-248 E-mail: caa@caa.lt

Note.— Lithuania has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Airworthiness codes are published by EASA and listed in: http://www.easa.europa.eu/ws\_prod/g/rg\_certspecs.php

- CS-22 (Sailplanes and Powered Sailplanes)
- CS-23 (Normal, Utility, Aerobatic and Commuter Aeroplanes)
- CS-25 (Large Aeroplanes)
- CS-27 (Small Rotorcraft)
- CS-29 (Large Rotorcraft)
- CS-34 (Aircraft Engine Emissions and Fuel Venting)
- CS-36 (Aircraft Noise)
- CS-APU (Auxiliary Power Units)
- CS-AWO (All Weather Operations)
- CS-E (Engines)
- CS-ETSO (European Technical Standard Orders)
- CS-Definitions (Definitions and Abbreviations)
- CS-P (Propellers)
- CS-VLA (Very Light Aeroplanes)
- CS-VLR (Very Light Rotorcraft)
- AMC-20 (General Acceptable Means of Compliance for Airworthiness of Products, Parts and Appliances)

#### **Special Conditions**

Special conditions are listed in Part-21A.16B of the Annex to Regulation (EC) No. 1702/2003 and they are part of the EASA certification basis.

LITHUANIA 2

C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Methods of handling Airworthiness Directives (or either equivalent) and exchange of information is made in accordance with Part-21A.35 of the Annex to Regulation (EC) No. 1702/2003 and the EASA AD policy that can be found at:

http://www.easa.europa.eu/ws\_prod/c/doc/Working\_Procedures/C%20Y001-01%20EASA%20AD%20Policy%20Final%2028%2007%2008.pdf

EASA AD publication tool can be found at: http://ad.easa.europe.eu/

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Reporting of information on faults, defects and malfunctions is made in accordance with Part-21A.3 of the Annex to Regulation (EC) No. 1702/2003, Part MA.202; Part-145.A.60 of the Annexes I and II to Regulations (EC) No. 2042/2003; EU-OPS.420 of Annex III to Regulation (EC) No. 3922/1991 and AMC 20-8.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Name and address of design organizations reference should be made to the EASA website page that list the DOA:

http://www.easa.europa.eu/ws\_prod/c/doc/Org\_Appro/easa\_doa.pdf and

http://www.easa.europa.eu/ws prod/c/doc/Org Appro/easa adoa.pdf

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LUXEMBOURG 1

# A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministère des Transports Direction de l'Aviation Civile Bureau Navigabilité 19 - 21 Bvd Royal L-2938 Luxembourg

Telephone: (352) 478 4923 Facsimile: (352) 46 77 90

Note.— Luxembourg has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

DAC procedure AIR 07 issued in 2000 states that type certification recognized by Luxembourg is:

- JAA type certification if it exists; if not,
- JAA "catch up type certification" if it exists; if not,
- State of Manufacturer type certification. State of Manufacturer recognized by Luxembourg are members of the European Community plus Brazil, Canada and the United States.

In other cases, special Ministerial authorization is required.

#### **Special Conditions**

None.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

DAC procedure AIR 05 issued in 1999 defines how DAC manages operators Airworthiness Directive (AD) information.

Operators who are AOC approved have to subscribe aircraft manufacturer AD/Service Bulletin data files. This point is required in the Maintenance Management Exposition (MME). DAC verifies subscriptions through audits which are carried out each year.

All other operators (general aviation) are informed by DAC, who forwards ADs received from States of aircraft/component manufacturers to them.

LUXEMBOURG 2

Type certification States are informed when a new type of aircraft is registered in Luxembourg.

Once a year, a summary of Type Certification aircraft registered in Luxembourg is issued to Type Certification States concerned.

DAC procedure AIR 05 defines how Type Certification States are kept informed.

Luxembourg has about 239 aircraft (aeroplanes, helicopters, balloons, etc.), of which 41 aeroplanes weigh over 10 tonnes and about 103 weigh less than 10 tonnes. In all, 156 aeroplane types are represented.

DCA subscribes to the ADs concerning aeroplanes and engines from certificating States for the fleet types registered in Luxembourg.

Bureau Véritas, which is contractually responsible for monitoring the operators on site, checks periodically to see how well these directives are being handled. These checks are based on JAA requirements on operation and airworthiness (JAROPS/1A3-JAR145).

In other cases and mainly for general aviation, DAC has proof that operators receive and use ADs within the time allowed.

- ADs are reissued by fax and the dates of reissue can be checked.
- Certificate of Airworthiness renewal implies Bureau Veritas inspections, in which airworthiness management is checked.
- DAC has defined a new type of survey for twin engine jet aircraft classified in "general aviation".
   This category implies one inspection per year based on airworthiness requirements close to JAR OPS subpart M requirements.

JAR 145 accredited workshops subscribe to the ADs relating to the fleet lists which they accredit. DCA verifies these subscriptions.

In case No. 2 and owing to the limited number of aircraft registered in Luxembourg, DCA faxes the documents it receives to the operators. This procedure guarantees continuity in the information chain.

The Luxembourg DCA does not have the ability to manage either the effectivity of all the equipment on registered aeroplanes or the corresponding subscriptions.

In addition, equipment-related ADs do not always identify the superior assemblies on which the equipment is installed.

It should be noted, however, that some general aviation aeroplane manufacturers use the ADs issued by equipment manufacturers.

The handling of these directives is therefore not satisfactory in Luxembourg at present and it is realistic to think that this is also the case in other States.

LUXEMBOURG 3

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

DCA has made Bureau Véritas France contractually responsible for the continuous on-site monitoring of the operators. The Bureau Véritas office in charge of Luxembourg company monitoring is a subsidiary of Bureau Véritas France fully dedicated to DAC needs. There is a staff of four persons for inspections.

The faults and defects observed and collected by BV are transmitted to BV's Technical Division in Paris, which analyzes and summarizes the facts observed. It is BV's Technical Division which informs the certificating States, if necessary.

DCA Luxembourg is kept informed at each of the stages.

This section does not apply to Luxembourg.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

MADAGASCAR 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Bureau Véritas Madagascar 23, Rue Ramelina Antananarivo 101 B.P. 5243 Madagascar

Telephone: + (261 2) 337-61; 258-92

Facsimile: + (261 2) 270-48

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

National texts based on the former French code, JAR, FAR

#### **Special Conditions**

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Madagascar does not publish Airworthiness Directives (ADs). All ADs published by the airworthiness authorities of manufacturing States are applied on a mandatory basis to the aircraft registered in Madagascar. In certain cases, the manufacturer's service bulletin may be made mandatory.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

A report on faults, defects and malfunctions that are considered serious is sent to the manufacturer.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Malagasy regulations do not provide for the manufacture of aircraft.

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MALAWI 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Department of Civil Aviation Private Bag 322 Capital City Lilongwe 3 Malawi

Telephone: (265) 770 520/577

(265) 770 580/391

Facsimile: (265) 774 986

E-mail: aviationhq@malawi.net

URL: http://www.aviationhqmalawi.net

Cable: Tex 44736 AFTN: FWHQYAYX

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

- Malawi Aviation (Air Navigation) Regulation
- BCAR

Not applicable.

- Annex 8 Airworthiness of Aircraft
- DCA Airworthiness Notices

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Not being an aircraft manufacturing State, Malawi does not issue Airworthiness Directives (ADs) in respect of any aeroplane. However, all ADs and Mandatory Service Bulletins issued by the State of Manufacture of the aircraft are mandatory for aeroplanes on the Malawi Civil Register as stipulated by DCA Airworthiness Notice Nos.7 and 8.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The faults, defects and other occurrences affecting continuing airworthiness of the aircraft are reported to the Department of Civil Aviation and the State of Manufacture of the aircraft in accordance with Malawi Aviation (A/C Accident and Incident Investigation) Regulation and DCA Notice A 27.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

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MALAYSIA 1

## A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Airworthiness Sector
Department of Civil Aviation
No. 27, Persiaran Perdana
Level 2, Podium Block A, Lot 4G4, Precinct 4
Federal Government Administration Centre
62618 Putrajaya
Malaysia

Telephone: +6-03-88714000 Facsimile: +6-03-88714331

Cable: CIVIL KUALA LUMPUR
Telex: PENAWA MA 30128
Website: http://www.dca.gov.my

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

The Airworthiness Codes published as FARs, JARs and BCARs are accepted by DCA as the design standards for the issue of the Certificate of Airworthiness.

#### **Special Conditions**

To be eligible for a Malaysian Airworthiness Certificate, the aircraft must be accompanied with a certification from the civil airworthiness authority which certifies that the aircraft conforms to the aircraft Type Certificate and that the aircraft is in a condition for safe operation.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

All Airworthiness Directives (ADs) issued by the Certifying Authority or State of Design of the aircraft are deemed to be mandatory by the DCA.

These ADs are received by the DCA and aircraft operator direct from the Airworthiness Authorities of the State of Design.

DCA also issues ADs in accordance with internal instructions (Airworthiness Division Manual) for aircraft manufactured or operated in Malaysia. Listing of these ADs are published in Airworthiness Notice No.4. ADs are distributed to:

- affected Malaysian operator;
- Airworthiness Authorities of countries known to have Malaysian aircraft registered in their countries:
- organizations responsible for the type design of the Malaysian aircraft; and
- Airworthiness Authorities of countries responsible for the Type Design of the aircraft.

ADs are distributed by normal mail, facsimile or telex.

MALAYSIA 2

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The reporting of information on faults, defects and malfunctions are made by Type Design organizations, operators and maintenance organizations as required by "DCA Mandatory Occurrence Reporting Scheme".

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Organizations responsible for the Type Design of an aircraft are:

MD3-160 Aeroplanes: SME Aviation SDN. BHD

No.18, Jalan Sri Hartamas 8

50480 Kuala Lumpur

Malaysia

EAGLE Aeroplanes CTRM Aviation SDN, BHD

(Formerly known as EAGLE Aircraft (Malaysia) SDN. BHD

Composites Technology City Batu Berendam Airport 75350 Batu Berendam

Melaka Malaysia

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MALDIVES 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Department Ministry of Transport and Communication PA Complex 7th floor Hilaalee Magu, Maafannu Male'20307 Republic of Maldives

Telephone: +(960) 32-4985; +(960)-32-4992

Facsimile: +(960) 32-3039 AFTN: VRMMYAYX

E-mail: safety@aviainfo.gov.mv

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

The Airworthiness Code used by the Maldives is prescribed in the CAR and all aircraft that are Type Certificated by JAA/FAA are in principle accepted. We do not engage in any Type Certification ourselves.

#### **Special Conditions**

Not applicable.

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Local Airworthiness Directives (ADs) are issued based on foreign ADs relevant to aircraft on Maldivian Register. The local ADs are sent to all operators by fax and mail and to the outside sources by fax/e-mail, whenever applicable.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Faults, defects and malfunctions are reported to the manufacturer or State of Manufacture by fax/e-mail or mail.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

MALI 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Direction Nationale de l'Aéronautique Civile Ministère de l'Industrie, du Commerce et des Transports B.P. 227 Bamako Mali

Telephone: (223) 29 55 24 Facsimile: (223) 29 61 77

E-mail: dnac@spider.toolnet.org

Cable: AVIACIVIL-BAMAKO

AFTN: GABVYAYX

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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MALTA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Director General of Civil Aviation Department of Civil Aviation Luqa Airport Luqa LQA05 Malta

Telephone: +(356)-21249170/21222936

Facsimile: +(356)-239278

E-mail: civil.aviation@gov.mt

AFTN: LMMLYAYA

Note.— Malta has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

As a full member of the Joint Aviation Authorities (JAA), all published Joint Aviation Requirements (JARs) are applicable. These JARs are mandated by legal Notices 203 of 1998, and 190 of 2002.

In cases where JAA rules do not apply, Malta Civil Aviation Requirements (MCARs) are applicable. These requirements are modelled upon the UKCAA British Civil Airworthiness Requirements (BCAR) examples.

In other cases, which are the exception, the recognition of mature certification and airworthiness requirements codes of other ICAO Member States could be considered and applied.

#### **Special Conditions**

Prior to the issue of a Republic of Malta Certificate of Airworthiness, all imported aircraft with a maximum certified take-off mass in excess of 2 730 (600 lbs) must be the subject of either Malta Type Certificate validation, or the JAA Joint Certification Process. Where additional special conditions are applicable, reference should be made to JAA Administration and Guidance Material, Section Three Certification, Part 4 Registers. However, the Malta Department of Civil Aviation Airworthiness Inspectorate should be contacted first in all cases.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Republic of Malta is not a manufacturing State for any aircraft or aeronautical product. All Airworthiness Directives (ADs), or their equivalent issued by the Airworthiness Authority of the State of Manufacture of the aircraft, or component are mandatory for aircraft on the Republic of Malta Civil Aircraft Register. Service Bulletins classified as mandatory by the aircraft/equipment manufacturer are also applicable to aircraft on the Maltese Register. Additionally, those ADs issued by other ICAO Member States, in respect of the same types of aircraft as those on the Republic of Malta Civil Register are also reviewed and evaluated on a regular basis. Should the need arise, the Director

MALTA 2

General of Civil Aviation will issue a Directive to comply with any Service Bulletin not made mandatory by the State of Manufacture, or to correct any identified 'unsafe condition affecting the

continued airworthiness of a aircraft, or aeronautical product on the civil register.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The mandatory reporting of accidents, incidents and occurrences is provided for and required under the Malta Air Navigation Order, 1990, JAR-145 and JAR-OPS requirements. All reports received by the Malta Department of Civil Aviation are logged and reviewed. Depending upon the nature of each reported event, notification could be given of further investigation. The responsible Type Certificate holder, the Airworthiness Authority of the State of Manufacture, or the contracted maintenance/repair organization will be notified as determined from the Department of Civil Aviation review, in order to comply with the ICAO Annex 8, Part 1, Chapter 4, Standards.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Not applicable.			

MARSHALL ISLANDS 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate of Civil Aviation P.O. Box 1114 Majuro 96960 Republic of the Marshall Islands

Telephone: (692) 247 3889 Facsimile: (692) 247 7615

(692) 247 3888

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

MAURITANIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Direction de l'Aviation Civile Ministère de l'Équipement et des Transports B.P. 91 Nouakchott Mauritanie

Telephone: (222) 2 535 78

(222) 2 533 37

Facsimile: (222) 2 535 78 SITA: NKCYAMR AFTN: GQNVYAYX

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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MAURITIUS 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

The Director of Civil Aviation Department of Civil Aviation Sir Seewoosagur Rangoolam International Airport Plaine-Magnien Mauritius

Telephone: 230-637-5313 Facsimile: 230-637-3164

Telex: 4896 DCA MAU 1W

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

- FAR
- JAR
- BCAR
- Mauritius Civil Airworthiness Requirements
- Mauritius Civil Aviation Regulations

#### **Special Conditions**

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Since Mauritius is not a State of Manufacture, it does not issue its own Airworthiness Directives (ADs). It does, however, have a system for re-issuing ADs originating from the regulatory authorities of States in which manufacture has been carried out.

Mauritius also ensures that all airworthiness contracts relating to Mauritius registered aircraft includes clause placing responsibility upon the relevant maintenance organizations for the implementation of such directives and mandatory modifications.

In the case of aircraft that are registered in Mauritius but not normally based in the State, such as those operated under the Mauritius Government's Offshore Business Development Scheme, Mauritius re-issues all ADs and related safety information direct to the aircraft operator.

MAURITIUS 2

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

A mandatory occurrence reporting procedure is promulgated under Regulation 101 of the Civil Aviation Regulations 1986 and this is expanded upon in the Sixth Schedule of the same Regulations. The Civil Airworthiness Requirements (Mauritius) provide further explanatory material and they also place upon aircraft operators a responsibility for the speedy investigation and regular analysis of reported occurrences. The scheme applies to all Mauritius-registered aircraft certificated in the public transport category and of maximum total mass authorized greater than 2 300 kg.

The legislation specifies the following types of occurrence as "reportable":

- those involving damage to an aircraft;
- those involving injury to a person;
- those involving the incapacitation or partial incapacitation of a flight crew member;
- situation which required the use of in-flight emergency procedures;
- failures of aircraft systems or equipment;
- problems in the control of an aircraft in flight;
- failures or inadequacies of ground facilities or services connected with the operation of aircraft;
- occurrences arising from the loading or carriage of passengers, cargo, mail or fuel;
- any other occurrences which, in the opinion of a person required to report, could have endangered or, if not corrected could have endangered, the safety of an aircraft, its occupants or any other person.

The legislation goes on to explain more fully what is meant by an aircraft system and it includes a list of details that are to be included on an occurrence report. It also states that occurrence reports must be dispatched in writing within 96 hours of the reportable occurrence coming to the knowledge of the person required to make the report.

In the Civil Airworthiness Requirements, the purpose of the scheme is stated as being to determine the cause of an occurrence rather than to apportion blame.

Air Mauritius is the only civil aircraft operator based within the State of Mauritius. Arrangements currently in place require that the operator's maintenance organization send full details of an exceptional safety related occurrences direct to the manufacturer and to the regulatory authority of the State of Manufacture. This system is monitored by the Mauritius Department of Civil Aviation during routine airworthiness audits.

Mauritius does not publish a document in which details of individual directives and summaries are to be found. These details are held on Department of Civil Aviation files, which may be made available for inspection by any person having a bona fide reason for making that inspection.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

As stated in respect of Section C, Mauritius does not have any type design organization responsibilities.

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### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Dirección de Seguridad Aérea Providencia 807 Piso 6 Colonia del Valle México, D.F., C.P. 03100 México

Telephone: +(55) 5523-6642, 5687-7660

Facsimile: + (55) 5523-7207 Website: http://dgac.sct.gob.mx

Héctor González Weeks Director General of Civil Aviation hgonzalw@sct.gob.mx

José Gabriel Tort Flores Deputy Director General of Aviation gtortflo@sct.gob.mx

Jesús Moreno Bautista Deputy Director General of Air Safety jmoreno@sct.gob.mx

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

Any person who intends to design and/or produce aeronautical products in the United Mexican States must comply with the airworthiness design standards accepted by the Directorate General of Civil Aeronautics.

Any person who wishes to import aeronautical products manufactured abroad must comply with the airworthiness design standards accepted by the Directorate General of Civil Aeronautics.

The Directorate General of Civil Aeronautics may validate a Type Certificate or a Type Approval issued by a foreign civil aviation authority when it is confirmed that the aeronautical products comply with the airworthiness design standards accepted by the Directorate General of Civil Aeronautics.

The Directorate General of Civil Aeronautics issues or validates a Type Certificate for an aircraft, engine and propeller and it issues or validates a type approval for components, equipment, instruments, devices or material when it is confirmed that those products comply with the airworthiness design standards accepted by the Directorate General of Civil Aeronautics.

#### **Type Certificate and Type Approval**

A Type Certificate and a Type Approval may be issued or validated for an aeronautical product produced in the United Mexican States or produced abroad and imported into Mexico, provided that there is compliance with the following requirements:

a) it is certified that the aeronautical product has been examined, tested and found to be in conformity with:

1) the requirements for noise level, fuel system venting and emission of gases which are those referred to in the corresponding Mexican Official Standards or in the provisions in force; and

2) the corresponding airworthiness design standards mentioned below, in force at the time that the original application was submitted to the aeronautical authority.

#### Airworthiness design standards accepted by the Directorate General of Civil Aeronautics

#### Gliders and powered gliders

For the issue or validation of a Type Certificate, every glider and powered glider must comply with the airworthiness standards accepted by the Directorate General of Civil Aeronautics, indicated below:

- Federal Aviation Regulations FAR Part 21 "Certification procedures for products and parts", issued by the Federal Aviation Administration of the United States of America; or
- b) Joint Aviation Requirements JAR Part 22 "Sailplanes and Powered Sailplane", issued by the Joint Aviation Authorities of Europe.

#### **Equipment**

For the issue or validation of a type approval, every product such as components, equipment, instruments, devices or material installed or intended to be used on an aircraft, whether designed and/or manufactured in Mexico or abroad and intended to be operated in the national territory, must comply with the airworthiness standards accepted by the Directorate General or Civil Aeronautics, indicated below:

- a) Federal Aviation Regulation Part 21 "Certification procedures for products and parts", issued by the Federal Aviation Administration of the United States of America; or
- b) Joint Aviation Requirements Part 21 "Certification Procedures for Aircraft, and Related Products and Parts" and JAR-TSO "Joint Technical Standing Orders", both documents issued by the Joint Aviation Authorities of Europe.

#### Fixed-wing aircraft

For the issue or validation of a Type Certificate, every fixed-wing aircraft must comply with the airworthiness standards accepted by the Directorate General of Civil Aeronautics indicated below:

- a) for fixed-wing that have a seating configuration, excluding the pilot seats, of nine or less and a maximum certificated take-off mass of 5 700 kg or less and that do not intend to perform acrobatic operations:
  - 1) Federal Aviation Regulations FAR Part 23 "Airworthiness Standards: normal, utility, acrobatic, and commuter category airplanes", requirements for aircraft of the normal category, issued by the Federal Aviation Administration of the United States of America; or
  - Joint Aviation Requirements JAR Part 23 "Normal, Utility, Aerobatic and Commuter Category Aeroplanes", requirements for aircraft of the normal category, issued by the Joint Aviation Authorities of Europe.
- b) for fixed-wing aeroplanes having a seating configuration, excluding pilot seats, of nine or less seats, and a maximum certificated take-off weight of 5 700 kg or less, and intended for limited acrobatic operations, like spins (if approved for the particular type of aeroplane), lazy eights,

chandelles, and steep turns, or similar manoeuvres in which the bank angle is higher than 60 degrees but not higher than 90 degrees.

- 1) Federal Aviation Regulations FAR Part 23 "Airworthiness Standards: Normal, Utility, Acrobatic, and Commuter Category aeroplanes", requirements for utility category aeroplanes, or
- Joint Aviation Requirements JAR Part 23 "Normal, Utility, Aerobatic, and Commuter Category Aeroplanes", requirements for utility category aeroplanes, issued by the European Joint Aviation Authorities.
- c) for fixed-wing aeroplanes having a seating configuration, excluding pilot seats, of nine or less seats, and a maximum certificated take-off weight of 5 700 kg or less, and intended for acrobatic operations without restrictions, other than those proved to be necessary as a result of flight tests:
  - 1) Federal Aviation Regulations FAR Part 23, "Airworthiness Standards: Normal Utility, Acrobatic, and Commuter Category aeroplanes", requirements for Acrobatic category aeroplanes, issued by the United States Federal Aviation Administration; or
  - Joint Aviation Requirements JAR Part 23 "Normal, Utility, Aerobatic, and Commuter Category Aeroplanes", requirements for acrobatic category aeroplanes, issued by the European Joint Aviation Authorities.
- d) for fixed-wing aeroplanes having a seating configuration, excluding pilot seats, of nine or less seats, and a maximum certificated take-off weight of 8 618 kg or less:
  - 1) Federal Aviation Regulations FAR Part 23 "Airworthiness Standards: Normal, Utility, Acrobatic, and Commuter Category Aeroplanes", requirements for commuter category aeroplanes, issued by the United States Federal Aviation Administration; or
  - Joint Aviation Requirements JAR Part 23 "Normal, Utility, Aerobatic, and Commuter Category Aeroplanes", requirements for commuter category aeroplanes, issued by the European Joint Aviation Authorities.
- e) for fixed-wing aeroplanes having a seating configuration, excluding pilot seats, of over nineteen seats, and a maximum certificated take-off weight of 8 700 kg or less:
  - 1) Federal Aviation Regulations FAR Part 25 "Airworthiness Standards: Transport Category airplanes" issued by the United States Federal Aviation Administration; or
  - Joint Aviation Requirements JAR Part 25 "Large Aeroplanes", issued by the European Joint Aviation Authorities.
- f) for fixed-wing aeroplanes fitted with a single reciprocating engine (spark or compression ignition) having no more than two seats, with a maximum certificated take-off weight no higher than 750 kg and a stalling speed in the landing configuration no higher than 45 knots:
  - 1) Joint Aviation Requirements JAR-VLA "Very Light Aeroplanes", by the European Joint Aviation Authorities.

#### Rotorcrafts

For the issuance or validation of a Type Certificate, all rotorcrafts must meet the airworthiness standards accepted by the *Dirección General de Aeronáutica Civil*, as described below:

a) for rotorcrafts with a maximum certificated take-off weight of 2 730 kg or less:

- 1) Federal Aviation Regulations FAR Part 27 "Airworthiness Standards: Normal Category Rotorcraft", issued by the United States Federal Aviation Administration; or
- 2) Joint Aviation Requirements JAR Part 27 "Small Rotorcraft", issued by the European Joint Aviation Authorities.
- b) For rotorcrafts with a maximum certificated take-off weight of over 2 730 kg:
  - Federal Aviation Regulations FAR Part 29 "Airworthiness Standards: Transport Category Rotocraft"; or
  - 2) Joint Aviation Requirements JAR Part 29 "Large Rotorcrafts", issued by the European Joint Aviation Authorities.

#### Manned free balloons

For the issuance or validation of a Type Certificate, all manned free balloons must meet the airworthiness standards accepted by the *Dirección General de Aeronáutica Civil*, as described below:

a) Federal Aviation Regulations FAR Part 31 "Airworthiness Standards: Manned Free Balloons", issued by the United States Federal Aviation Administration.

#### Non-rigid airships

For the issuance or validation of a Type Certificate, all non-rigid airships must meet the airworthiness standards accepted by the *Dirección General de Aeronáutica Civil*, as described below:

a) Federal Aviation Regulations FAR Part 21 "Certification for Products and Parts", Section 21.17 and Document (ADC) FAA P-8110-2 "Airship Design Criteria", both documents issued by the United States Federal Aviation Administration.

#### **Engines**

For the issuance or validation of a Type Certificate, all engines whether designed and/or manufactured in Mexico or abroad intended to operate within the national territory must meet the airworthiness standards accepted by the *Dirección General de Aeronáutica Civil*, as described below:

- a) Federal Aviation Regulations FAR Part 33 "Airworthiness Standards: aircraft engines", issued by the United States Federal Aviation Administration; or
- b) Joint Aviation Requirements JAR-E "Engines", issued by the European Joint Aviation Authorities.

#### **Propellers**

For the issuance or validation of a Type Certificate, all propellers whether designed and/or manufactured in Mexico or abroad intended to operate within the national territory must meet the airworthiness standards accepted by the *Dirección General de Aeronáutica Civil*, as described below:

- a) Federal Aviation Regulations FAR Part 35 "Airworthiness Standards: Propellers", issued by the United States Federal Aviation Administration: or
- b) Joint Aviation Requirements JAR-P "Propellers" issued by the European Joint Aviation Authorities.

#### **Special Requirements**

#### 1. General

The Aviation Authority accepts the abovementioned airworthiness standards in their original language, fully and including all amendments, modifications and annexes thereof.

#### 2. Update

The update dates of airworthiness standards to be used shall be those in force as of the date of the original application for the certification of the relevant product.

#### 3. Adaptation

For acceptance purpose of the abovementioned airworthiness standards, it shall be taken into account that:

- a) where the accepted airworthiness standards require the use of the language of origin, the use of the Spanish language shall be required;
- b) where the accepted airworthiness standards require the compliance of special requirements for entering the United States of Mexico;
- where the accepted airworthiness standards require the compliance of commonly applied standards for the industry, the industrial standard accepted by the Mexican Aviation Authority shall be used; and
- d) where the accepted airworthiness standard require specific approval by the international aviation authority issuing the airworthiness standard, it shall be construed to mean that said approval is issued by the Mexican Aviation Authority.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

- 1. All Mexican licensees, concessionaires or air operators of civil or State aircraft other than military aircraft shall apply the Airworthiness Directives (ADs) relevant to said aircraft or components thereof, pursuant to the following:
- a) all ADs issued by the State of Design of the product affecting aircraft, engines, propellers, rotors and accessories, shall be applied within the compliance limits therein established;
- b) in addition to the abovementioned ADs, all ADs issued by the *Dirección General de Aeronáutica Civil* within the compliance limits therein established shall be applied;
- c) the *Dirección General de Aeronáutica Civil* shall provide the State responsible for the Type Design of any aviation product with all mandatory information regarding maintenance and all ADs issued by it.
- 2. The *Dirección General de Aeronáutica Civil* is empowered to authorize extensions of the compliance limits set forth in the ADs, provided the applying licensee, concessionaire or air operator establishes alternate compliance methods, which may offer an acceptable level of safety.
- 3. The Aviation Authority is empowered to exempt licensees, concessionaires or air operators from the compliance of an AD when said directive refers to nonexistent operational conditions and the

licensee, concessionaire or air operator must submit the necessary documentation to fully justify the exemption requested. The exemptions mentioned in this paragraph are cancelled when conditions that generated the petition or request change; in this case, ADs must be applied pursuant to the provisions of paragraph 5 below.

- 4. The extensions or exemptions mentioned in paragraphs 2 and 3 respectively, must be requested from the *Dirección General de Aeronáutica Civil* with due notice, before the compliance limits set forth in the Airworthiness Directive are reached.
- 5. When conditions that call for the modification, suspension or revoking of an extension granted to a licensee, concessionaire or air operator arise, the *Dirección General de Aeronáutica Civil*, after the analysis thereof, determines and establishes the compliance term it deems suitable for the application of the AD.
- 6. The licensee, concessionaire or air operator shall keep all original documentation necessary to prove the application of the ADs, which should include the names, addresses and licence numbers of technical personnel involved, date of implementation, and total hours and/or operation cycles, as applicable, for the implementation of the AD. The abovementioned records and controls shall be kept during sixty working days after expiration of the life of the aircraft or component to which the AD applies. Should ownership of the aircraft be transferred, said records shall be given to the new owner.
- 7. All licensees, consessionaires or air operators are responsible for obtaining the AD mentioned in paragraph 1, which affect their aircraft or aviation products. When it becomes difficult for the licensee, concessionaire or air operator to obtain this information, they may request the intervention of the *Dirección General de Aeronáutica Civil*, when conditions so require, in order to obtain said information.
- 8. The licensees, concessionaire or air operator shall keep an updated control of the compliance of AD for each aircraft, applicable to the relevant products. Said control shall include the following requirements, as applicable:
- a) make, model, serial number, line (if assigned by the organization responsible for the design), variable number (if assigned by the organization responsible for the design), part number, year of manufacture of aircraft and licence number, if applicable;
- b) AD number;
- c) AD amendment number;
- d) wording or title of the AD (as concise as possible);
- e) effective date of the AD;
- f) compliance method, if applicable;
- g) type, number and review of the document related to the AD, if applicable;
- h) AD application frequency (recurrent or repetitive, one-time application or definite);
- i) application interval (calendar time, hours and/or operation cycles, as applicable);
- j) last application (date, hours and/or operation cycles, as applicable);
- k) next application (date, hours and/or operation cycles, as applicable); and

1) time remaining for compliance) calendar time, hours and/or operation cycles, as applicable).

9. The licensee, concessionaire or air operator shall not use its aircraft, or knowingly allow others to do so, except when it complies with all applicable ADs issued so far. Should the owner lease the aircraft to any third party, effective measures shall be taken pursuant to the contract signed between both parties and duly recorded before the Mexican Aviation Registry to ensure the compliance of the abovementioned ADs.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

- 1. All licensees, concessionaires or air operators carrying out operations within the United States of Mexico shall submit to the *Dirección General de Aeronáutica Civil* a mandatory report on the defects and faults found in the aircraft systems or components which may affect their airworthiness conditions, pursuant to the provisions of paragraph 3.
- 2. The abovementioned report shall be submitted within a term not exceeding 10 days after the date of occurrence of the fault. Said report shall include remarks and/or descriptive diagrams of the fault and shall be submitted to the *Dirección General de Aeronáutica Civil* in form DGAC-80-Rev. A, called "Defects and Faults Report", which is provided free of charge in the DGAC headquarters or foreign offices. Said form may also be photocopied or reproduced in a similar way.
- 3. Only significant faults shall be reported, i.e. faults that exceed the limits and conditions stated by the aircraft systems and/or components manufacturer, which arise as a consequence of design defects malfunctions or other events that adversely affect or may affect continuing airworthiness and those faults detected during routine maintenance procedures and verification of discrepancies reported by flight crews. As an example, the following is a list of faults that may occur and must be notified:
- a) defects or faults which generate the following events:
  - take-off interruption or flight suspension due to the presence and/or occurrence of any fault affecting the aircraft airworthiness conditions, due to structural damage, inappropriate operation, faulty installation, fatigue, impairment of its systems and components, or any other condition not covered by the manufacturer's maintenance and inspection programmes;
  - 2) transfer flight restricting the aircraft airworthiness conditions;
  - 3) change of engine due to mechanical and/or operational failure;
  - 4) delay exceeding 30 minutes due to a mechanical failure;
- b) in-flight fire, indicating if the fire-warning installation operated properly or not;
- c) in-flight fire in aircraft not fitted with a fire-warning installation;
- d) defect or malfunctioning of engine exhaust installation, having caused damage to the powerplant, surrounding aircraft structure, equipment or components during flight;
- defects or malfunctioning of any component of the aircraft, having caused during flight the development or penetration of smoke, toxic or damaging vapours in the cockpit or passenger compartment;
- f) an engine failure due to a flame-out during flight;

g) an engine failure resulting from external damage to the powerplant or the aircraft structure;

- h) the failure of more than one engine during flight;
- i) in-flight uncommanded propeller pitch change;
- j) defects or malfunctioning of the fuel system or the fuel dump installation during flight, affecting fuel flow or causing leaks;
- k) the operation of the retractable undercarriage or of the undercarriage doors during flight;
- defects or malfunctioning of the wheel brakes installation, causing deterioration of the effectiveness of the brakes;
- m) defects to the aircraft structures, requiring a major repair;
- n) cracks in and permanent deformation or corrosion of structural parts, which exceed the maximum allowed limits, as specified by the manufacturer or Aviation Authority;
- o) defects or malfunctioning of aircraft installations, equipment and components, having caused during flight the taking of emergency action;
- p) components of emergency evacuation systems including all exit doors, lighting systems for passenger emergency evacuation or evacuation equipment found defective during flight or which fail to fulfil their task during a real emergency or during training, drills, maintenance, demonstration or unnoticed activation;
- q) unusual operation, stiffness, misalignment or limited movement range of any control;
- r) impossibility to change propeller pitch, blockage or jamming of an engine or the accelerator;
- s) abnormal operation of the fuel system affecting the supply and distribution procedures;
- t) significant contamination or leaks of fuel, oil or any other fluid;
- u) presence of fire, smoke, toxic or harmful gases in any area of the aircraft;
- v) unjustified activation of the fire or smoke detection systems during flight;
- w) in the case of helicopters, loss of engine thrust and/or momentary loss off aircraft control;
- x) engine failure due to foreign object damage (FOD) or ice, structural damage next to the engine, total loss of combustion with the fuel control in "flame-out" position;
- y) in the case of helicopters, faults in rotors, transmissions and axles; and
- z) each national or international licensee, concessionaire or air operator shall report any other defect or fault that may occur or be detected at any moment if, in their opinion, such defect or fault has endangered the safe operation of the aircraft.
- 4. Those faults in the aircraft systems or components caused by factors external to said aircraft system or component, which do not affect its airworthiness conditions and represent only a mere replacement of parts or components, shall not be reported to the *Dirección General de Aeronáutica Civil*.

5. Licensees, concessionaires or air operators must provide the *Dirección General de Aeronáutica Civil* with all additional information and documentation it may require to assess the cause of the fault and take the proper corrective action.

- 6. The *Dirección General de Aeronáutica Civil* analyses all defect and fault notices received and coordinates the relevant assessments and investigations in order to establish measures and procedures making it possible to avoid the reoccurrence of said faults, which may be of a mandatory nature.
- 7. Depending on the type of fault, the *Dirección General de Aeronáutica Civil*, in cooperation with the licensee, concessionaire or air operator, analyses and publishes significant reports in the form of Alerts, Advisory Circulars, Mandatory Circulars, ADs or Policy Letters, as applicable, to provide the aeronautical community with information about the most significant events reported, including the analysis and conclusions thereof.
- 8. Each licensee, concessionaire or air operator must submit the required report, pursuant to the provisions of paragraph 2. However, reports regarding faults in the primary structure of the aircraft, faults in the control system fires on aircraft, structural failures of the engine, or any other condition that may cause imminent danger to safety must be reported immediately through any available means, whether verbally or by phone. Notwithstanding the above, the information included in this type of report must be submitted within the standard terms and in the standard manner.
- 9. Nobody shall delay or stop the submission of a fault, defect or malfunction report adducing reasons such as lack of required information or other similar reasons.
- 10. Whenever the licensee, concessionaire or air operator has additional information on faults, defects or malfunctions, including information from the manufacturer or foreign Aviation Authority, said information must be sent immediately as supplementary to the first report, using as reference its original date of submission.
- 11. All licensees, concessionaires or air operators must keep records of the Faults and Defects Reports sent to the *Dirección General de Aeronáutica Civil*.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

T I				

Not applicable.

A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Division of Civil Aviation Administration P.O. Box Ps-2 Palikir Pohnpei FM 96941 Federated States of Micronesia

Telephone:(691) 320 2865 Facsimile:(691) 320 5853 E-mail:transfsm@mail.fm AFTN:PTPNYAYX

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

MONACO 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

#### **National Authority**

Bureau Véritas Technoparc du Griffon Bât 13 511, route de la Seds 13745 Vitrolles France

Telephone: + (33) 4 42 15 28 20 Facsimile: + (33) 4 42 15 28 10

#### **Central Authority**

Service de l'aviation civile Héliport de Monaco Avenue des Ligures MC 98000 MONACO

Telephone: + (377) 98 98 87 11 Facsimile: + (377) 98 98 87 08

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Codes**

The JAR/EASA codes are applicable to Monaco.

#### **Special Conditions**

Described in the Air Transport Technical Manual (MTTA), Chapter 2, Sections 1 to 7.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

#### Contained in the MTTA:

Chapter 2: Airworthiness Chapter 3: Use/Operation

Chapter 3 bis and ter: JAR OPS 3

Chapter 4: Maintenance

Monaco applies the Airworthiness Directives issued by EASA.

MONACO 2

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The reports are prepared by the maintenance organizations and are sent to the design organizations and/or the national authority, pursant to JAR/EASA procedures.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Monaco is not a State of Design for aircraft. An ad hoc facility will be created if the need arises.

MONGOLIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Mongolian Civil Aviation Authority (MCAA) Airport Buyant-Ukhaa Ulaanbaatar-34 Mongolia

Telephone: (976) 11 98 20 02 Facsimile: (976) 11 37 96 40

E-mail: hurelbaatar@mcaa.gov.mn

SITA: ULNUGOM AFTN: ZMUBZGZX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

MOROCCO 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministère du Transport et de la Marine Marchande Direction de l'Aéronautique Civile Division de la Sécurité Aéronautique P.P. 1073 Rabat Principal Morocco

Telephone: (212 7) 77-30- 07/15 Facsimile: (212 7) 77-30-74

Telex: 36772M

Bureau Véritas Direction Aéronautique-Espace 17 bis, Place des Reflects La Défence 2 France

Telephone: (33 1) 42-91-54-32 Facsimile: (33 1) 42-91-52-95

Résidence Dalal 7, Rue Asilah 20050 Casablance Morocco

Telephone: (212 2) 20-08-57/58

(212 2) 26-85-62/97

Facsimile: (212 2) 20-29-17

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Morocco Airworthiness Regulations (based on ICAO requirements).

#### **Special Conditions**

See Decree No. 545-72 of the Minister of Public Works and Communications dated 7 June 1972 concerning the airworthiness conditions applicable to civil aircraft.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Airworthiness Directives (ADs) published by the State of Manufacture are mandatory for the aircraft registered in Morocco.

In certain circumstances, the Direction de l'Aéronautique Civile publishes its own ADs which are also mandatory for operators.

MOROCCO 2

Furthermore, the ADs of the countries that manufacture aircraft are collected and, if need be,

Véritas.

In this documentation, the directives or the summaries thereof, as well as the corrigenda thereto, are classified according to the make and type of aircraft in accordance with a list which facilitates the

translated and summarized and then brought together in the aeronautical documentation of the Bureau

Aircraft owners and foreign airworthiness authorities that wish to be informed as soon as possible about the ADs issued by the DGCAs of the States of Manufacture must subscribe to the aeronautical documentation of Bureau Véritas:

Bureau Véritas Direction Aéronautique-Espace 17 bis, Place des Reflects La Défence 2 France

control of the document and its updating.

Telephone: (33 1) 42-91-54-63 Facsimile: (33 1) 42-91-52-95

E-mail: pjeanmar@bureauvéritas.com

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Every air service operator must inform the Director of Civil Aeronautics of any incident, failure, malfunction or fault found on an aircraft or an aircraft part operated by the operator when this incident, failure, malfunction or fault is likely to jeopardize the airworthiness of the aircraft.

Operators are particularly requested to send in a report on an incident that has a value for the improvement of safety at the level of the design, operation and maintenance of aircraft, it being known that cases of normal wear and tear are dealt with by the maintenance procedures.

Minor incidents which, if repeated, could jeopardize airworthiness must also be reported.

The report on the events must make it possible to determine the circumstances, nature, certain or probable causes and operational and material consequences of the events, as well as to identify the equipment involved.

The physical medium used for sending incident reports may be:

- either an internal technical report;
- or an incident report form established by manufacturers or operators for their own usage.

The operator has to submit the reports within one month.

With respect to aircraft whose maximum certificated take-off mass is greater than 5 700 kg, the operator must send to the manufacturers of that aircraft information on faults, malfunctions, defects and other cases which have or could have an unfavourable effect on the continuing airworthiness of that aircraft.

MOROCCO 3

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Not applicable		

MOZAMBIQUE 1

## A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

National Civil Aviation Administration (NCAA) Alameda do Aeroporto P.O. Box 227 Maputo Mozambique

Telephone: (258 1) 46 54 16 Facsimile: (258 1) 46 54 15

E-mail: dnac.seac@teledata.mz
Cable: AERONAUTICA MAPUTO

AFTN: FQHQYAYX

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

MYANMAR 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Director (Airworthiness)
Department of Civil Aviation
Headquarters Building
Yangon International Airport
P.O. Box 11021, Mingaladon
Yangon
Myanmar

Telephone: +(95 1) 533 003

+(95 1) 533 014

Facsimile: +(95 1) 533 016 AFTN: VYYYYAYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The following are considered as an acceptable Code of Airworthiness in Myanmar:

- Myanmar Aircraft Rules
- Myanmar Civil Aviation Requirements as follows:
  - Part 1 (Air Operator Certificate)
  - Part 7 (Aircraft Instruments and Equipment)
  - Part 21 (Airworthiness)
  - Part M (Continuing Airworthiness)
  - Part 47 (Aircraft Registration and Marking)
  - Part 66 (Aircraft Maintenance License)
  - Part 145 (Approved Maintenance Organization)
  - Part 147 (Approved Maintenance Training Organization)
- DCA Airworthiness Notices

Other States Codes of Airworthiness such as FAR or EASA shall be considered for acceptance provided compliance with relevant clauses of ICAO Annex 8 and ICAO Airworthiness Technical Manual (Doc. 9051) is established.

The DCA may, in the interest of flight safety, relating to its own environment and operating experience, issue a new policy, amend the adopted Code of Airworthiness, or cancel the same.

An HF communication set must be installed as a Special Condition.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) issued by the State of Design and State of Manufacture are mandatory and the owners/operators must made necessary arrangements to get all Ads (i.e. downloading from suitable website or by other means). Myanmar may issue ADs whenever an unsafe condition of a product might exist or develop in other products of the same Type Design, and the State of Design shall be informed of these ADs.

MYANMAR 2

All owners/operators of aircraft are advised to adhere strictly to the ADs referred to above.

All Myanmar ADs are sent to the affected operators and owners by the State of Registry by letter, fax and messenger depending on the urgency of the matter.

Except for Myanmar ADs, there is no separate publication in which individual directives and summaries are given.

The DCA ensures that all applicable ADs are complied with by the owners/operators of all Myanmar registered aircraft by means of airworthiness inspections and regular surveillance of maintenance records during the Certificate of Airworthiness issue/renewal process.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Myanmar DCA has established and uses a service difficulty reporting system which obliges all the Owners (or) Commercial (or) Non-commercial Operators of Myanmar Registered Aircraft and the State-approved repair stations must report, the existence of a malfunction, failure, or defect related to the aircraft, engine, system or components thereof that could cause hazard to safety. This includes any such failure that occurs subsequent to a similar failure previously reported. A Service Difficulty Report (SDR) must be forwarded to the Myanmar DCA within 3 working days (72 hours) of the discovery of the malfunction, failure, or defect.

In addition, AOC operators under MCAR Part 1.4.1.19 specifically direct that where an operator knows of major defects or damage in an aircraft that have caused, or that could cause:

- (a) A primary structural failure;
- (b) A control system failure;
- (c) Fire anywhere in the aircraft
- (d) Engine shutdown in flight for any cause, or
- (e) Any other condition considered an imminent hazard to safety;

Technical defects having an influence or potential influence on airworthiness that cannot be corrected by normal maintenance practices shall be reported to DCA by the operator or owner.

Any person or organization performing maintenance to aircraft shall report to the DCA any Type design deficiency that has a potential influence on airworthiness.

The operator shall advise the DCA, and also the State of Registry and the Manufacturer either by telephone, facsimile, E-mail, etc. of the occurrence immediately. The initial reporting then needs to be followed up with a defect report. This action may assist in the discovery of similar problems in other aircraft and help prevent a major accident.

The operator must also submit a defect report if, during the course of complying with an AD or a direction given by the DCA, the operator finds any defect where no limits are specified or where a defect is outside the specified limits.

In cases where the defect is of an alarming nature, Myanmar DCA will review all the above reports sends the information to the Airworthiness Authority of the States of Manufacture and State of Design.

MYANMAR 3

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Myanmar has not become a State of Design to-	date.
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NAMIBIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate of Civil Aviation Eros Airport ,Windhoek Private Bag 12003 Ausspannplatz Windhoek Namibia

Telephone: +264-61-208811 Facsimile: +264-60-208842 Telex: 811 or 812 WK AFTN: FYWHYNYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

- FAR
- JAR
- Annex 8
- Certificate of Airworthiness issued by exporting State. Subjects to verification inspections.
- South African Air Navigation Regulations (1976) as amended.

#### **Special Conditions**

Namibia has no manufacturing facilities of its own. Airworthiness Directives (ADs) issued by States of Manufacture are mandatory for the respective aircraft on the Namibia Register of Civil Aircraft.

In order to renew Certificates of Airworthiness, all applicable ADs of the State of Manufacture must be complied with.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Aircraft Maintenance Organizations as approved by the Directorate of Civil Aviation receive ADs from respective manufacturers of aircraft types for which they are responsible. The Directorate of Civil Aviation receives the same ADs and enforces compliance.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Information to operators is by circulars or letters mailed or faxed as appropriate. Communication with other Contracting States when necessary is by mail, telephone, telex, fax as appropriate.

NAMIBIA 2

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.		

NAURU 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Authority Department of Civil Aviation Government Office Yaren District Nauru

Telephone: (674) 444 3113 Facsimile: (674) 444 3117

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

NEPAL 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Authority of Nepal Director General of Civil Aviation Babar Mahal Kathmandu Nepal

Telephone: (977 1) 262387

(977 1) 262518

Facsimile: (977 1) 262 516 E-mail: cnsatm@mos.com.np

Cable: AIRCIVIL AFTN: VNKTYAYX

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

NETHERLANDS 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Transport and Water Management Inspectorate Netherlands Civil Aviation Authority (CAA-NL) Unit Object Permits P.O. Box 575 2130 AN Hoofddorp Netherlands

Telephone: +(31) 70 456 2839 Facsimile: +(31) 70 456 3006 E-mail: <u>Info.Register@ivw.nl</u>

http://www.ivw.nl

The national agency is responsible for the continued airworthiness for aircraft (national aircraft) as defined in Annex-11, Article 4 (4) of Regulation (EC) No. 216/2008. This includes the responsibilities as State of Design for the Fokker S11 and the Sagita 12 aircraft, of which Type Certificate data is laid down in documents SAS F.1 and SAS G1S respectively. Acronym SAS stands for Special Airworthiness Specification and is the equivalent of the Type Certificate Data Sheet (TCDS). As there is no TC holder, the distinctive name SAS is used.

Note.— The Netherlands has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation for aircraft not defined above. EASA Regulations have been adopted and applied by the Netherlands.

European Aviation Safety Agency AD Focal Point P.O. Box 10 12 53 D-50452 Köln Germany

Telephone: +(49) 221 8999 00000 Facsimile: +(49) 221 8999 09999 E-mail: ADs@easa.europa.eu

http://www.easa.eu.int/ws\_prod/c/c/\_awdir.php

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Airworthiness Codes for EASA aircraft and national aircraft with ICAO Certificate of Airworthiness Regulation EC No. 1702/2003 which includes Annex Part-21 and the Dutch Air Law, Chapter 3. http://www.easa.eu.int/ws\_prod/g/doc/Regulation/reg\_1702\_2003.pdf

#### http://www.easa.eu.int/ws. prod/g/rg certspecs.php

CS-22	Sailplanes and Powered Sailplanes
CS-23	Normal, Utility, Aerobatic and Commuter Aeroplanes
CS-25	Large Aeroplanes
CS-27	Small Rotorcraft
CS-29	Large Rotorcraft

NETHERLANDS 2

CS-34 Aircraft Engine Emissions and Fuel Venting

CS-36 Aircraft Noise

CS-APU Auxiliary Power Units CS-AWO All Weather Operations

CS-E Engines

CS-ETSO European Technical Standard Orders CS-Definitions Definitions and Abbreviations

CS-P Propellers

CS-VLA Very Light Aeroplanes CS-VLR Very Light Rotorcraft

AMC-20 General Acceptable Means of Compliance for Airworthiness of Products, Parts and

**Appliances** 

#### **Special Conditions**

Special Conditions are part of the certification basis as defined in Part-21 A.16B.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) issued by the State of Design are mandatory for EASA aircraft based on Regulation EC No. 1702/2003. The method of handling ADs for EASA aircraft and exchange of information is defined in part-21A.3B and the EASA Airworthiness Policy that can be found at: <a href="http://www.easa.eu.int/ws\_prod/c/c\_intwrkprod.php">http://www.easa.eu.int/ws\_prod/c/c\_intwrkprod.php</a>.

The ADs issued and adopted by EASA are published on their website which can be found at: <a href="http://ad.easa.europa.eu/">http://ad.easa.europa.eu/</a>.

EASA also informs the State of Registry of the issuance of an AD on behalf of the State of Registry. CAA-NL supports EASA whenever it is the responsible party as State of Design with the issuance of ADs.

Additionally, CAA-NL may issue an AD whenever an unsafe condition of a product might exist or develop in other products of the same Type Design, based on National Air Law Article 3.22 (4). Foreign ADs for aircraft not covered by EASA, which are registered in the Netherlands, are covered with the issuance of a national AD for the same subject, based on Article 3.22 (4). Distribution of national ADs to the State of Design is done by CAA-NL as defined within the working produces of CAA-NL.

Distribution of national, foreign ADs as well as EASA ADs to the owner/operator of aircraft is done by the National Governmental Distributor by means of a subscription system, or by mail by CAA-NL, depending on the urgency of the matter. Information about this system can be found at: <a href="http://www.sdu.nl/catalogue/TSBLAAB">http://www.sdu.nl/catalogue/TSBLAAB</a>.

CAA-NL ensures that all applicable ADs are complied with by the owner/operators of the State registered aircraft by means of maintenance records in accordance with the national air law.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

For EASA aircraft a system for reporting of information on faults, defects and malfunctions is prescribed in Regulation EC No. 1702/2003, Annex Part-21A.3 and Part MA.202; Regulation EC No.

NETHERLANDS 3

2043/2003, Part-145.A.60 of Annexes 1 and II; EU-OPS.420 of Annex III to Regulation EC No. 3992/1991; and AMC 20-8.

In the Dutch national legislation occurrence reporting is made mandatory for both owner/operator and the maintenance organization. Reports to CAA-NL are filed and processed internally in accordance with the ICAO rule.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

A list of Design Organizations with name and address responsible for the Type Design and the continuing airworthiness of aircraft is published by EASA on its website: http://www.easa.eu.int/ws\_prod/c/c\_orgapprodoa\_doa.php.

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Minister Responsible for Civil Aviation
National Civil Aviation Administration (NCAA)
Mr. S.J. Francisco
Director of Civil Aviation
Department of Civil Aviation
Seru Mahuma z/n
Curaçao
Netherlands Antilles

Telephone: + (599 9) 8683933 Faxcimile: + (599 9) 8689924 Cable: CIVILAIR-CURAÇAO

AFTN: TNCCYAYX

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT


NETHERLANDS (ARUBA)

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Department of Civil Aviation Sabana Berde 73-B Aruba

Telephone: + (297) 832665 or 836324 Facsimile: + (297) 823038 or 831755

AFTN: TNCAYAYX

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Airworthiness code is based on FARs and JARs.

#### **Special Conditions**

No information provided.

## C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

All aircraft registered in our country must comply with the Airworthiness Directives (ADs) issued by the State responsible for the Type Design. Problems arising with issued ADs of other States will be properly discussed with the authorities concerned.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Details, defects and malfunctions are sent to the authority responsible for type certification of the aircraft.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Our department does not do Type Design, but validates foreign Type Certificate data sheets.

NEW ZEALAND 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Director of Civil Aviation Civil Aviation Authority of New Zealand P.O. Box 31441 Lower Hutt 5040 New Zealand

 Telephone:
 +64-4-560-9400

 Facsimile:
 +64-4-569-2024

 AFTN:
 NZHOYAYX

 E-mail:
 info@caa.govt.nz

 Web:
 www.caa.govt.nz

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

New Zealand Civil Aviation Rules, Part 21 Certification of Products and Parts prescribes rules governing:

- the type certification of aircraft, aircraft engines and propellers to be manufactured in New Zealand:
- the type acceptance certification of aircraft types to be imported into New Zealand;
- the operating requirements for the holder of a Type Certificate;
- the airworthiness certification of aircraft; and
- the identification of:
  - o aircraft, aircraft engines, and propellers;
  - o critical parts; and
  - o certain replacement and modification parts.

#### **Special Conditions**

Nil.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

New Zealand Civil Aviation Rules, Part 39 *Airworthiness Directives* prescribes rules governing the issue of Airworthiness Directives (ADs) for each New Zealand registered aircraft issued with an Airworthiness Certificate under Part 21, Subpart H and any aeronautical product associated with those aircraft.

Emergency ADs are notified directly to the registered owners of affected aircraft. Other ADs are promulgated via the CAA web site at <a href="www.caa.govt.nz">www.caa.govt.nz</a> and are available for download free of charge. A notification service is also provided to alert subscribers by e-mail.

NEW ZEALAND 2

D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

New Zealand Civil Aviation Rules, Part 12 *Accidents, Incidents and Statistics* prescribes rules governing the notification, investigation and reporting of occurrences (including faults, defects and malfunctions), preservation of aircraft, its contents and records, and the provision of statistical data concerning aircraft operations.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

New Zealand is the State of Design and the State of Manufacture for the following aircraft:

Cresco 08-600 750XL FU 24 Series CT 4 Series	Pacific Aerospace Limited Private Bag 3027 Waikato Mail Centre Hamilton 3240 New Zealand  Tel: +64 7 843 6144 Fax: + 64 7 843 6134 E-mail: pacific@aerospace.co.nz Web: www.aerospace.co.nz
HR200-100 HR200-120 HR 200-120B HR200-160 HR200-100S R2160 R2100 R2100A R2160D R2112 R2160i R2120U	Alpha Aviation Design Limited (In Receivership)  Alpha Aviation Manufacturing Limited (In Receivership)  Ingram Road Hamilton Airport RD 2 Hamilton 3282 New Zealand  Tel: + 64 7 843 7070 Fax: +64 7 843 8040 Web: www.alphaaviation.co.nz
Bantam B22S Bantam B22J	Micro Aviation (NZ) Limited 172 Limmer Road Te Kowhai RD 8 Hamilton 3288 New Zealand Tel: + 64 7 829 7837 Fax: + 64 829 7587 E-mail: microav@wave.co.nz Web: www.microaviation.co.nz

NEW ZEALAND

Airtourer 100, 115	Millicer Aircraft Industries Pty Ltd
Airtourer 150, Super 150	PO Box 1242
Airtourer T3A	Sale VIC 3850
Airtourer T6	Australia
(New Zealand Type Certificates)	(See also under listings for Australia)

NICARAGUA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Dirección General de Aeronáutica Ministerio de Transporte y Infraestructura Frente al Estadio Nacional Apartado postal 4936 Managua Nicaragua

Telephone: (505-2) 227517

(505-2) 226958/682323

Facsimile: (505-2) 227516

E-mail: dgacmti@xerox.com.ni

AFTN: MNMGYOYX

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

## C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

NIGER 1

#### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Transport and Civil Aviation Directorate of Civil Aviation P.O. Box 727 Niamey Niger

Telephone: +227 20 72 32 67 Facsimile: +227 20 73 80 56 E-mail: dacniger@intnet.ne

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The provisions of Decree No. 2007-462/PRN/MT/AC dated 10 October 2007 for the regulation of titles, documents and checks relating to the operational safety of aircraft, and the provisions of the annex to said Decree attached below are applicable:

#### Annex to Decree No. 2007-462/PRN/MT/AC dated 10 October 2007

AIRCRAFT CATEGORY	APPLICABLE AIRWORTHINESS STANDARD		
A normal or utility category single-engine aeroplane having no more than two seats, a maximum weight at take-off of no more than 750 kg, and a stall speed in landing configuration of no greater than 45 knots.	European Airworthiness Requirements JAR-VLA		
A normal utility or acrobatic category aeroplane (with the exception of aeroplanes belonging to the category below).	As applicable, American Federal Aviation Regulations RAF, Part 23 or European Airworthiness Requirements JAR-23.		
Transport category aeroplane.	As applicable, American Federal Aviation Regulations FAR, Part 25 or European Airworthiness Requirements JAR-25.		
Normal category rotorcraft with a maximum weight at take-off of 2 700 kg.	As applicable, American Federal Aviation Regulations FAR, Part 29 or European Airworthiness Requirements JAR-29.		
Transport category rotorcraft.	As applicable, American Federal Aviation Regulations FAR, Part 29 or European Airworthiness Requirements JAR-29.		
Utility or acrobatic category gliders.	As applicable, American Federal Aviation Regulations FAR, Part 22 or European Airworthiness Requirements JAR-22.		
Terminology.	European Airworthiness Requirements JAR-1, and for the missing definitions, American Federal Aviation FAR-1.		
Engines.	As applicable, European Airworthiness Requirements JAR-E or American Federal Aviation Regulations FAR-33. However, for engines designed only for aircraft for which the general technical conditions mentioned in Article 2 provide for this possibility, these		

NIGER 2

	conditions can be replaced by the technical conditions of the European Airworthiness Requirements JAR-22 under Part H.
Propellers	As applicable, European Airworthiness Requirements JAR-P or the corresponding American Federal Aviation Regulations FAR. However, for propellers designed only for aircraft for which the general technical conditions mentioned in Article 2 provide for this possibility, these conditions can be replaced by the technical conditions of the European Airworthiness Requirements JAR-22 under Part J.

## C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) issued by the States of Design and/or Manufacture of aircraft are collected at the level of the Aircraft Service of the Directorate of Civil Aviation.

All editions of "French Aviation Safety Track" on CD F-ASF published by the GSAC (France) and distributed by Bureau Veritas are also sent to our Administration.

The ADs are then sent by the Directorate of Civil Aviation to the relevant aircraft operators and owners by letter or fax, depending on the urgency of the situation.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The airworthiness manual approved by Decision No. 0339/DAC dated 19 October 2007 contains a procedure on reporting faults, defects and malfunctions identified in aircraft in operation in Niger.

The provisions of Section D will become effective with the implementation of the actions contained in the Corrective Action Plan (CAP) from the USOAP audit of Niger from 23 to 30 October 2007.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Not applicable, since Niger is not a country which designs aircraft.

NIGERIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Nigerian Civil Aviation Authority Aviation House, Murtala Muhammed Airport PMB 21029, 21038 Ikeja Lagos Nigeria

Telephone: (234 1) 493 0026 Facsimile: (234 1) 493 0029

E-mail: zak haruna@hotmail.com

SITA: LOSXSYF AFTN: DNLLYAYX

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

NORWAY 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Administration P.O. Box 8050 Dep NO-0031 OSLO Norway

Telephone: +(47)-23-31-78-00 Telex: +(47)-23-31-79-95 AFTN: ENCAYAYA

E-mail: postmottak@caa.dep.no

Note.— Norway has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

- JAR
- FAR
- BCAR
- CAR

#### **Special Conditions**

In addition, special Norwegian requirements will be based on the Norwegian BSL (Bestemmelser for Sivil Luftfart). These requirements are detailed in JAA administrative and guidance material.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Companies operating aeroplanes with MTOM above 5 700 kg and helicopters with MTOM above 2 700 kg are committed to subscript Administrative Directive (AD) notes directly from the Authority of the State of Manufacture.

The NCAA publishes AD notes (LDP) for aeroplanes (incl. sailplanes) together with motors and propellers for aeroplanes with MTOM below 3 175 kg, helicopters with MTOM below 2 700 kg and equipment for aircrafts in all categories. The Norwegian LDPs are in most cases based on AD notes published by the Authority of the country of manufacture.

LDPs are published regularly once a month. In case of an emergency AD that concerns a great number of aircraft, LDP is published in the usual way. If the emergency AD just concerns a couple of operators, the AD is sent by telefax to the operators in question. Subsequently an LDP is made and published the next month.

NORWAY 2

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

National laws require all operators of aircraft on the Norwegian Register to report faults, defects and malfunctions affecting the airworthiness of the aircraft.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

None.			

OMAN 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate General of Civil Aviation and Meteorology

Flight Safety Department

P.O. Box: 1 Muscat CPO, Code 111, CPO

Sultanate of Oman

Telephone: + (968) 519 234 Facsimile: + (968) 519 273

Telex: 5418 DGCAOMAN ON Cable: CIVAIR MUSCAT Website: www.dgcam.com.om

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Oman adopts the following regulations of the Federal Aviation Authority of the United States:

• (FAR 23, 25, 27, 29, 31, 33).

It adopts also the following European Regulations for airworthiness:

• (JAR 23, 25, E, P).

Generally one can say that Oman adopts the airworthiness regulations issued by the manufacturing State of those aeroplanes that are registered in Oman unless Oman adds or changes the conditions/requirements as required.

#### **Special Conditions**

No information provided.

## C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Airworthiness Directives (ADs) or similar mandatory notifications covering the aircraft issued by the Civil Aviation Airworthiness Authority of the State of Origin, holding the type certification of the aircraft are mandatory for Omani registered aircraft. Upon receipt of these ADs, operators concerned are informed immediately by means of letter or fax, depending upon the urgency of the matter.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

International reporting on faults, defects and malfunctions concerning service difficulty report applications which are sent by the Flight Safety Department to the State of Origin.

OMAN 2

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There is no organization in Oman that is responsible for the Type Design of a particular aircraft type.

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Director Airworthiness Civil Aviation Authority Inspectorate Building Jinnah International Airport Karachi-75200 Pakistan

Telephone: +(92-21)-99242756, 99242759

Facsimile: +(92-21)-34604306 Telex: 23198 CAA ED PK Cable: CIVILAIR Karachi AFTN: OPKCYAYS

E-mail: dairworth@caapakistan.com.pk

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### Airworthiness Code(s)

PCAA adopts the FAA and EASA codes directly. PCAA shall adopt by reference one or more of the codes mentioned below.

**Products Standards** Small airplane (Less than 5700 kg max TOW) EASA CS 23 or FAR 23 Two-seat small airplane up to a MTOW of 750 kg **EASA-VLA** requirements Transport category airplane EASA CS 25 or FAR 25 Small Rotorcraft EASA CS 27 or FAR 27 EASA CS 29 or FAR 29 Large Rotorcraft Engines EASA CS - E or FAR Part 33 EASA CS - P or FAR Part 35 **Propellers** 

#### **Special Conditions**

#### **Type Acceptance Certificate**

The PCAA shall issue a type acceptance certificate, in the case of State of Design being other than the United States or Member States of EASA, provided that:

- a) the Airworthiness Authority of the State in which it is manufactured has issued the Certificate of Airworthiness, Type Certificate or similar document, in respect of the aircraft or aircraft engine or propeller;
- b) it meets the airworthiness requirements laid down by the Pakistan CAA. The applicant shall furnish the following documents:
  - 1) Type Certificate;
  - 2) Type Certificate data sheets;
  - 3) supplemental type data sheet, if applicable;
  - 4) noise standard to which it has been certified;
  - 5) the basis on ETOPS certification, if applicable;
  - 6) all applicable Airworthiness Directives (ADs);
  - 7) copies of aircraft engine, propellers, specifications, special conditions and/or exemption including the certification basis;
  - 8) engineering description of the aircraft with required illustrations;

- 9) copies of flight test reports;
- 10) copies of maintenance review board report and MMEL for aircraft Type Certificate in transport category;
- 11) weight and balance report, flight manual, structural repair manual, etc.; and
- 12) compliance statement, Type Design record, any other reports required by the CAA;
- c) the design documents submitted by the applicant are scrutinized by the Airworthiness Directorate;
- d) in order to familiarize with the design and certification procedures, the design representative of the manufacturer may be required to visit Pakistan to acquaint CAA officials with the system and design of the product. Alternatively, representatives of the CAA may visit the design manufacturing sites to discuss specific design/manufacture, designer and/Airworthiness Authority of the State of Manufacture;
- e) special conditions may be imposed on foreign Type Certification and Type Data sheets by the CAA in specific cases for safe operation of the aircraft in Pakistan. The special conditions so imposed, will be communicated to the manufacturer and the respective Airworthiness Authorities by the CAA;
- f) considering the high ambient temperature conditions in Pakistan, the applicant is required to provide system performance and aircraft performance certified by the foreign Airworthiness Authority at temperatures up to 50°C at sea level.
- g) on being satisfied that the basis of the Type Certification of the aircraft/helicopter/aircraft engine/propeller is satisfactory, the PCAA may revalidate the Type Certificate (with such exception as may be permitted) issued by the Airworthiness Authority of the country in which the product has been manufactured. Additional conditions, operating limitations may be imposed by the DG CAA.

#### **Initial Issuance of Certificate of Airworthiness**

The owner/operator of aircraft shall specify in the application for "issue/validation" of the Certificate of Airworthiness, the category or categories mentioned below for which the aircraft is required to be certificated:

- a) regular public air transport;
- b) charter;
- c) aerial work; and
- d) private.

Inspection of aircraft shall be carried out by Airworthiness to establish compliance with laid down requirements. The Certificate of Airworthiness of aircraft shall be issued by the Airworthiness Directorate and validated for a period of twelve months by the nearest airworthiness field office after its necessary checks and inspection have been carried out satisfactorily. The applicant should make the aircraft available, at a time and place acceptable to the Civil Aviation inspectors, for such checks and inspections considered necessary.

- a) For the initial issuance of the Certificate of Airworthiness, the following documents shall be supplied to the Civil Aviation:
  - 1) application for issuing the Certificate of Airworthiness on an appropriate form;
  - 2) copy of the Type Certificate and Data Sheet;
  - 3) copy of the Export Certificate of Airworthiness for aircraft, engines and propellers and applicable STC (Supplemental Type Certificate) and the current Certificate of Airworthiness;
  - 4) copy of the Flight Manual;
  - 5) copy of the manufacturer's Maintenance, Overhaul Structural Repair Manuals and Wiring Diagram Manual;

- 6) AD and Service Bulletin Compliance List including alert service bulletin where OPTIONAL OR ALTERNATE means of compliance are offered, means chosen should be stated. Also ADs containing repetitive compliance must be identified. Information regarding next compliance due must be provided;
- 7) copy of the crew Operations Manual;
- 8) copy of the Mass and Balance Report;
- 9) flight test report for the aircraft;
- 10) aircraft and engines parts catalogue;
- 11) component status list;
- 12) copy of the Maintenance Review Board Report (MRBR) as applicable;
- 13) copy of the Master Minimum Equipment List (MMEL);
- 14) details of mandatory equipment and radio equipment details on board the aircraft;
- 15) noise certificate; and
- 16) subscription to the technical publication issued by the manufacturer of the aircraft to ensure that updated manuals, ADs and Service Bulletins are available.

#### **Used Aircraft**

For used aircraft the following are also required:

- a) a complete history of the aircraft, engines, propeller, components and equipment including:
  - 1) a complete history of aircraft, engines, propeller, components and equipment including:
  - 2) the maintenance programme to which the aircraft has previously been maintained, including previous check cycle and future check cycle.
- b) the flight time since new of any components of the aircraft, engine, propellers or equipment which are subject to mandatory life limitations;
- c) the flight time since new and since overhaul of any components of the aircraft engines, propellers, or equipment which are subject to an approved overhaul period;
- d) details of all changes of major structural components such as wings, tailplanes, helicopter rotors or transmission components, and histories of the replacing components;
- e) details of major structural repair including the nature of damage in each case.

#### **Entering the Civil Aircraft Register**

For the issuance of the Registration Certificate, the owner of the aircraft shall supply:

- a) application for entering the register on an appropriate form;
- b) Certificate of Airworthiness;
- c) Certificate of de-registration from foreign registry;
- d) Bill of sale;
- e) Statement of nationality of the aircraft owner;
- f) Custom declaration; and
- g) NOC for import of aircraft.

Before entering the Pakistan Register, a used aircraft shall have a service history acceptable to Civil Aviation. In English language, the aircraft history must be clear and it shall be prepared for survey for basic inspection when entering the Register.

#### Renewal of a Certificate of Airworthiness

The owner or the operator shall apply for the renewal of the Certificate of Airworthiness at least 30 days before it expires. For this, he needs to submit to the Civil Aviation the following:

- a) application for renewal of the Certificate of Airworthiness;
- b) technical status of aircraft in appropriate form;
- c) aircraft insurance;
- d) mandatory modification list and compliance status of ADs, Service Bulletin applicable on aircraft, engine propellers, etc.;
- e) Certificate of Maintenance Review of aircraft;
- f) Certificate of release to service after past servicing;
- g) up-to-date hours and cycles status of fuselage, engine and propellers and components.

The applicant should make the aircraft available, at a time and place acceptable to the Civil Aviation Inspectors, for such checks and inspections considered necessary.

#### Validation of a Certificate of Airworthiness

The Certificate of Airworthiness issued by another Contracting State shall provide a suitable statement of authorization to be carried with the original certificate. The validity of the authorization shall not extend beyond the period of validity of the original certificate; however, whenever the period of validity of the certificate is renewed, the authorization may be renewed or another authorization issued by the State of Registry for a period not exceeding the period of validity of the original certificate.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

All owners/operators of aircraft are advised to adhere strictly to the ADs issued by the State of Design as PCAA adopts them directly.

The PCAA, in the interest of flight safety relating to its own environment and operating experience issues mandatory modifications on aircraft, engine, equipment and systems on the basis of SB/SL/SIL issued by the manufacturer and as a result of investigation.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

As per AWNOT-009-AWRG, the faults, defects and other occurrences affecting continuing airworthiness of the aircraft are directly reported to PCAA.

In cases of abnormal defects, the PCAA will inform the State of Design as per the requirements of Annex 8.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Pakistan has not become State of Design to-date.

PALAU 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Commerce and Trade P.O. Box 1471 Koror Republic of Palau 96940

Telephone: (680) 587 2115 Facsimile: (680) 587 3502

E-mail: mincat@palaunet.com

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

PANAMA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Autoridad Aeronáutica Civil (AAC) Dirección de Seguridad Aérea Departamento de Aeronavegabilidad Albrook Edificio No. 805 Apartado Postal No. 03073 ó 03817 Zona 0616 Panamá República de Panamá

Telephone: +(507) 501-9100 Facsimile: +(507) 501-9317

E-mail: www.aeronautica.gob.pa

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Book II of the Civil Aviation Regulations of Panama (*Reglamento de aviación civil de Panamá* — RACP) establishes that before the CAA can issue a Certificate of Airworthiness, the Type Certificate of all imported aircraft must be validated. This is because in Panama there are no aircraft or aeronautical product manufacturers; as well, the CAA does not have the necessary resources or specialized staff to establish and regulate an Airworthiness Code for the granting or issuance of Type Certificates.

Because of the preceding, for aircraft included in the Panama CAA aircraft register, the CAA has adopted the United States' Airworthiness Code to deal with Type Certificates for aircraft and aeronautical products based on the regulations of the Federal Aviation Administration (FAA); the CAA has adopted the European Union Airworthiness Codes of the European Aviation Safety Agency (EASA) to deal with Type Certificates issued in accordance with the corresponding requirements.

The CAA also reserves the right to validate or reject a Type Certificate if the aircraft in question does not meet the technical requirements contained in Book II of the RACP and any additional requirements which the Authority deems necessary to ensure safety.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

To date, the CAA has not issued any Airworthiness Directives (ADs). However, it considers mandatory the ADs issued by the authorities of the States of Manufacture and/or certification of the aircraft in the Panama CAA aircraft register.

Owners, operators and workshops are responsible for ensuring that ADs and their listings are always up to date. The updated record of ADs applicable to each aircraft and its components shall be kept in an independent register in the format established or authorized by the CAA. The AD record must contain at least the following information: AD identification; implementation dates, times and/or cycles; whether the action is repetitive; dates, times and/or cycles of the next implementation; method of compliance; original documentation supporting compliance; and any other information deemed necessary by the CAA.

PANAMA 2

Independently of the above, for the aircraft contained in the Panama CAA aircraft register, the CAA keeps an updated log of the ADs applicable to each aircraft and its components. By means of this information and the inspection procedures described in the Inspection Procedures Manual of the Department of Airworthiness, the CAA ensures compliance with the Airworthiness Directives pertaining to each individual case.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Under Standard 4.3.2 of Annex 8 and the provisions of Book II of the RACP, the CAA requires that the State of Design report the mandatory information of general implementation which is deemed necessary to ensure airworthiness of aircraft and to ensure safe operation of aircraft.

Owners, operators and workshops must initially report any fault, defect or malfunction within 96 hours of its discovery; this may be carried out via the most expedient means available (telephone, e-mail, fax or other means). This initial notification must be followed by written notification which shall contain at least the following information: aircraft registration; aircraft model; serial number; identification of the part or system affected; nature and description of the fault, malfunction or defect.

The objectives of the CAA Safety Branch are to investigate the main aircraft defects found and reported by operators; to determine their effect on airworthiness; and to establish the corrective actions necessary. The Procedures Manual of the CAA Department of Airworthiness states that the Technical Documentation Unit of the CAA Safety Branch keeps a record of the above information and of how this information is forwarded to the appropriate authorities, ensuring an acceptable level of safety for aircraft of both domestic and foreign registration.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

In Panama, there are neither organizations responsible for Type Design nor organizations which hold Type Certificates.

PAPUA NEW GUINEA 1

# A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Department of Civil Aviation P.O. Box 684 Boroko N.C.D. Papua New Guinea

Telephone: (675) 325 7077

(675) 300 2402

Facsimile: (675) 325 1919

(675) 325 2837

AFTN: AYPYYMYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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PARAGUAY 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Dirección Nacional de Aeronáutica Civil (DINAC) Avda. Mariscal López esquina 22 de setiembre Edificio del Ministerio de Defensa Nacional (2do. piso) Asunción Paraguay

Telephone: (595 21) 228715; 229978

Facsimile: (595 21) 228715

Airworthiness Directives (ADs) are adopted directly from the State of Design in conformity with DINAC Regulation 39.

ADs are also delivered in person or mailed to operators and the various approved maintenance organizations, who in turn take note and apply the Directives to all aeronautical products affected. In the case of an Emergency AD, the most rapid means of delivering the Directive is used (fax, telephone).

The DINAC publication containing the summary of the ADs appears as a notice, and includes a list and copies of the Directives.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

STATE	AIRWORTHINESS CODE(S) ADOPTED FOR ISSUE OR VALIDATION OF CERTIFICATE OF AIRWORTHINESS	
Paraguay	Airworthiness Certificates are recognized if aircraft meet the requirements of the following regulations:	
	DINAC R23, 25, 27, 29, 31, 33 and 35 (1) DINAC R22 (2) (3) These regulations are based on the corresponding FAR (4) This regulation is based on JAR 22	

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Paraguay does not publish ADs or Service Bulletins (SBs). These documents are received from the State of Design and the State of Manufacture of the aeronautical products, respectively.

ADs and SBs are delivered in person or mailed to operators and to repair and maintenance workshops.

Notices are delivered by the means most certain to ensure rapid implementation or by inspectors, depending on the urgency.

PARAGUAY 2

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

DINAC currently uses a Service Difficulty Reporting System (SDS) which meets the requirements of both Annex 8 and Annex 6.

Operators are required to file notices in accordance with DINAC Regulation 121, Section 121.703 or DINAC Regulation 135, Section 135.415, as applicable.

Operators must also file summary reports of mechanical interruptions in accordance with DINAC Regulation 121, Section 121.705 or DINAC Regulation 135, Section 135.417, as applicable.

Finally, aircraft repair and maintenance workshops must file notices in accordance with DINAC Regulation 145, Section 145.63.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

PERU 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate General of Civil Aviation (DGCA) Aviation Safety Department Jr. Zorritos 1203 Lima 1 Peru

Telephone: + (511) 433-4510 Facimile: + (511) 433-4938

E-Mail: dgacaeronavegabilidad@mtc.gob.pe URL: http://www.mtc.gob.pe/dgac.html

### B. INFORMATION ON AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **State Airworthiness Regulations**

• Aeronautical Regulations of Peru (RAP-21)

### Airworthiness Regulations established by another State and adopted by Peru

• United States airworthiness codes:

Federal Aviation Regulations (FAR):

FAR -23	FAR-31
FAR-25	FAR-33
FAR-27	FAR-35
EAD 20	

FAR-29

• European airworthiness codes

Joint Aviation Requirements (JAR):

JAR -23	JAR-E
JAR-25	JAR-P
JAR-27	JAR-VLA
JAR-29	

Russian airworthiness standards

AP-23 AP-25 AP-27 AP-29 AP-33 PERU 2

## C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The issuance and implementation of Airworthiness Directives (ADs) are regulated by RAP 39.

Both the ADs issued by the State of Design or Certification and those issued by Peru are mandatory for aircraft with Peruvian registration.

Through the DGCA, Peru ensures that the owners/operators of aircraft with Peruvian registration comply with all applicable ADs by means of technical inspections conducted for the issuance and renewal of certificates of airworthiness and by means of periodic maintenance reviews.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The DGCA informs the State of Design of the aircraft by means of internal procedure DGAC-DSA-014, in compliance with the provisions of ICAO Annexes 6, 8, and 13 regarding faults, defects, and malfunctions and as required by the RAP in the corresponding operation sections (121 and 135).

### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FO R THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Not applicable for Peru.

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Airworthiness Division Flight Standards Inspectorate Service Civil Aviation Authority of the Philippines NAIA Road, Pasay City 1300 Philippines

Telephone: +(63 2) 879 9224 E-mail: asd@caap.gov.ph

Currently there is no delegated and authorized agency by the CAAP to fulfill its responsibility for continuing airworthiness.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The State has elected to adopt by reference the airworthiness regulations as specified in another State's code of airworthiness explicit in the Type Certificate data sheets, or its equivalent, of the aircraft.

Prior to the issuance of a State's Certificate of Airworthiness, all imported Class 1 aeronautical products such as aircraft, engine and propeller must be subject to Type Certificate validation as detailed in Part 5 of the Philippine Civil Air Regulations.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) issued by the State of Design and State of Manufacture are mandatory. Additionally, the State may issue an AD whenever an unsafe condition of a product might exist or develop on other products of the same type of design, and the State of Design or State of Manufacture shall be informed of these ADs.

All ADs are sent by the State to the affected operators, owners and maintenance organizations through fax, messenger and by reference to an internet website depending on the urgency of the matter.

The State ensures that all applicable ADs are complied with by the owners/operators of all a State's registered aircraft by means of airworthiness inspections and regular surveillance of maintenance records in accordance with the State's airworthiness regulations.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The State of Registry's civil aviation authority has established and uses a service difficulty reporting system which obliges all the civil-registered aircraft owners/operators, air carriers and the State-approved maintenance organizations to report any fault, defects and malfunctions in accordance with procedures detailed in a difficulty reporting system document using the civil aviation authority forms.

All reports must be submitted to the civil aviation authority within 72 hours from the time the service difficulty was first discovered. The system also requires all operators to inform the aircraft designer

about these difficulties.

The Civil Aviation Authority of the Philippines will review these reports and, as required, inform the State of Design or State of Manufacture.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

The following organizations are responsible for the continuing airworthiness of the aircraft.

#### Airbus

1, Rond-Point Maurice Bellonte 31707 Blagnac France

#### Aircraft Industries a.s.

686 04 Kunovice 1177 Czech Republic

#### Allied Ag Cat Productions, Inc.

301 West Walnut Street P.O. Box 482, Walnut Ridge AR 72476 United States

#### **Alpha Aviation Design Limited**

Ingham Road, Hamilton Airport R.D.2 Hamilton 2020 New Zealand R2160

### ATR - GIE Avions de Transport

Régional 1, Allée Pierre Nadot 31712 Blagnac Cedex France

### Bell Helicopter Textron, Inc.

Subsidiary of Textron, Inc. P.O. Box 482 Fort Worth Texas 76101 United States

### **Bellanca Aircraft Corporation**

New Castle, Delaware 19720 United States

### **Enstrom Helicopter Corporation**

2209 22nd Street Menominee Michigan 49859 United States

#### **Eurocopter Deutschland GmbH**

D-81663 München Germany

#### **Eurocopter France**

Aeroport International Marseille Provence 13725-Marignane Cedex France

#### **Gulfstream Aerospace LP**

c/o Israel Aircraft Industries, Ltd. Department 4199 Ben Gurion International Airport, 70100 Israel

### **Hawker Beechcraft Corporation**

9709 East Central Wichita, Kansas 67206 United States

### Helio Aircraft, LLC

6487 Wilkinson Drive Prescott, Arizona 86301 United States

### **Hiller Aircraft Corporation**

925 M. Street Firebaugh, California 93622-2234 United States

#### Learjet Inc.

One Learjet Way Wichita, Kansas 67209-2942 United States

### Maule Aerospace Technology, Inc.

2099 Georgia Highway 133 South Moultrie, Georgia 31768 United States

### MD Helicopters Inc.

(MDH) 4555 E. McDowell Road Mesa, Arizona 85215-9734 United States

### Mitsubishi Heavy Industries, Ltd.

5-1, Marunouchi 2-chome Chiyoda-ku, Tokyo Japan

### Revo, Incorporated

1396 Grandview Boulevard Kissimmee, Florida 34744 United States

#### **Robinson Helicopter Company**

2901 Airport Drive Torrance, California 90505 United States

#### **Schweizer Aircraft Corporation**

P.O. Box 147 Elmira, New York 14902 United States

### SIAI Marchetti S.r.l

Via Indipendenza 2 21018 Sesto Calende (VA) Italy

#### Sierra Hotel Aero, Inc.

1690 Aeronca Ln. Fleming Field South St. Paul, MN 55075 United States

### The Boeing Company

P.O. Box 3707 Seattle, Washington 98124 United States

#### The New Piper Aircraft, Inc.

2926 Piper Drive Vero Beach, Florida 32960 United States

### Thrush Aircraft, Inc.

300 Old Pretoria Road P.O. Box 3149 Albany, Georgia 31706-3149 United States

### **Twin Commander Aircraft Corporation**

19003 – 59th Drive N.E. Arlington, Washington 98223 United States

### Xi'an Aircraft Industry (Group) Company Ltd.

Yanliang District of Xi'an City Shaanxi, 710089 China

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POLAND 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Office Aviation Technical Department Ul. Źelazna 59 00-848 Warszawa Poland

Telephone: +1 (48-22) 520 73 36

+1 (48-22) 520 73 93

Facsimile: +1 (48-22) 520 73 73

E-mail: <a href="mailto:ltt@ulc.gov.pl">ltt@ulc.gov.pl</a>

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### Aircraft within the EASA remit

Since 1 May 2004, Poland is a Member State of the European Union and is obliged to apply EU law in the areas covered by its competence. Regulations in force and special requirements are set by the Regulation (EC) No. 216/2008 of the European Parliament and of the Council of 20 February 2008 on common rules in the field of civil aviation and establishing a European Aviation Safety Agency, and repealing Council Directive 91/670/EEC, Regulation (EC) No. 1592/2002 and Directive 2004/36/EC (OJ L 79/1, 19.3.2008) and Commission Regulation (EC) No. 1702/2003 of 24 September 2003 laying down implementing rules for the airworthiness and environmental certification of aircraft and related products, parts and appliances, as well as for the certification of design and production organizations (OJ L 243/6, 27.9.2003) Part 21, Subpart H and related Certification Specifications: CS-1, 22, 23, 25, 27, 29, 34, 36, VLA, VLR, E, P, APU, AWO and ETSO as well as in the guidance material for Part 21. Details can be found on EASA web site http://www.easa.europa.eu/ws prod/g/rg certspecs.php.

Special requirements are in accordance with Regulation 1702/2003 Part 21A.16B and are part of the EASA certification basis.

Aircraft holding a Type Certificate issued in compliance with ICAO Annex 8 (Annex II to Regulation (EC) 216/2008 aircraft)

The following regulations have been issued by the Minister responsible for transport:

- a) Regulation of the Minister of Infrastructure of 30 August 2003 concerning requirement on the construction of aircraft and type certificates (JO <sup>1</sup> of 2003, No. 168, pos. 1639). This Regulation implemented the JAR requirements: JAR 1, 21, 22, 23, 25, 26, 27, 29, 36, APU, AWO, E, P, TSO and VLA.
- b) Regulation of the Minister of Infrastructure of 29 August 2003 on performing flight tests and the issuance of aircraft certificates of inspection (JO of 2003, No. 173, pos. 1037).
- c) Regulation of the Minister of Infrastructure of 29 May 2003 on the airworthiness of aircraft (JO of 2003, No. 117, pos. 1108).

<sup>&</sup>lt;sup>1</sup> Journal of Laws of the Republic of Poland.

POLAND 2

#### Annex II to Regulation (EC) 216/2008 aircraft not holding a Type Certificate

The following national legal documents are applicable:

a) Regulation of the Minister of Infrastructure of 16 June 2005 defining technical requirements for airworthiness of the "special" category aircraft (JO of 2005, No. 124, pos. 1037).

b) Regulation of the Minister of Infrastructure of 25 April 2005 on exemptions to the application of certain provisions of the Aviation Law and on determination of conditions and requirements for operating these aircraft (JO of 2005, No. 107, pos. 904).

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Annex II aircraft that were awarded the certificate in compliance with ICAO Annex 8 still remain under the supervision of the Polish Authority (the President of the Civil Aviation Office), and the respective information on continual airworthiness assurance is transmitted in accordance with the aviation law.

For the aircraft under EASA supervision, the national authority applies recommendations arising from provisions of Regulation (EC) 216/2008 (art. 20 (1) (j)). Airworthiness Directives (ADs) (or equivalent documents) and exchange of information is conducted in accordance with provisions of Part 21 A.3B, Annex to Regulation (EC) 1702/2003 and EASA policy which can be found on the EASA web site: <a href="http://www.casa.eu.int/ws\_prod/c/c\_awdir.php">http://www.casa.eu.int/ws\_prod/c/c\_awdir.php</a>. All ADs published by EASA are available on the EASA web site: <a href="http://ad.easa.europa.eu/">http://ad.easa.europa.eu/</a>.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Poland as the State of Registration is obliged by EU law<sup>2</sup> to collect, store and manage a database containing information and reports on incidents and accidents in civil aviation. Under the Regulation of the Minister of Transport of 18 January 2007 concerning air accidents and incidents (JO of 2007, No. 35, pos. 225) requires owners/operators of aircraft registered in the Civil Aircraft Register and approved maintenance organizations to report faults, defects and malfunctions. All incident reports are delivered within 72 hours from the incident or its detection on approved forms to the State Commission for Aircraft Accident Investigation. The information about the incidents is added into the ECCAIRS database.

airworthiness of products, parts and appliances (AMC-20-8).

<sup>&</sup>lt;sup>2</sup> Directive 2003/42/EC of the European Parliament and of the Council of 13 June 2003 on occurrence reporting in civil aviation (OJ L 167/23, 4.7.2003); Part 21 A.3 of the Annex to Regulation 1702/2003, Part MA.202: Part 145.A.60 of the Annexes I and II to the Commission Regulation (EC) No. 2042/2003 of 20 November 2003 on the continuing airworthiness of aircraft and aeronautical products, parts and appliances, and on the approval of organizations and personnel involved in these tasks (OJ L 315/1, 28.11.2003); EU-OPS.420 of Annex III to the Council Regulation (EEC) No. 3922/91 of 16 December 1991 on the harmonization of technical requirements and administrative procedures in the field of civil aviation (OJ L 373, 31.12.1991); Decision No. 2003/12/RM of the Executive Director of the Agency of 5 November 2003 on general acceptable means of compliance for

POLAND 3

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

The names and addresses of organizations responsible for Type Designs of Polish aircraft are listed below. This list includes aeroplanes and helicopters, and does not include sailplanes, as sailplanes data are not relevant to this publication.

Name/Address	Aircraft
EADS PZL "Warszawa-Ok_cie" S.A. Aleja Krakowska 110/114 00-971 Warszawa Poland Facsimile: + (48-22) 846 27 01	Jak-12A Jak-12M PZL-101 Gawron PZL -104 Wilga 35/35A PZL-104 Wilga 80 PZL-104M Wilga 2000 PZL-104MN Wilga 2000 PZL-104MF Wilga 2000 PZL-106AK Kruk PZL-106AR Kruk PZL-106AR Kruk PZL-106BR Kruk PZL-106BS Kruk PZL-1106BS Kruk PZL-106BT-601 Turbo Kruk PZL-106BTU-34 Turbo Kruk PZL-110 Koliber PZL-Koliber 150 PZL-Koliber 150A PZL-Koliber 160A PZL-111 Koliber 235 A
Polskie Zaklady Lotnicze Sp. z.o.o ul. Wojska Polskiego 3 39-300 Mielec Poland Facsimile: (48-17) 788 78 29	PZL An2 PZL An-28 - Manufacturer only PZL M 18 PZL M 20 PZL M 26 PZL M 28
PZLWIDNIK S.A. AL. Lotników Polskich 1 21-045 _widnik Poland Facsimile: (48-88) 468 09 19	Helicopter PZL I-23 PZL Mi-2 PZL Kania PZL W-3 Kokót PZL W-3A Sokót

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PORTUGAL 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministério das Obras Públicas Transportes e Habitação Instituto Nacional de Aviação Civil Direcção de Aeronavegabilidade Rua B, Edifícios 4, 5 e 6 Aeroporto de Lisboa 1749-034 Portugal

Telephone: + (351-1) 8423500 / 99
Facsimile: + (351-1) 8423583
Cable: AEROCIVIL LISBOA
Telex: 12120 AERCIV P

Note.— Portugal has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

- Joint Aviation Requirements (JAR)
- Portugal, for older aircraft types of where JAR certification is not available accepts the United States Federal Aviation Regulations (FAR), or other Airworthiness Codes that demonstrate an equivalent level of safety to these codes. However, other codes than JAR can only be accepted if the date of the relevant application for type certification predates 1 January 1992.
- Aircraft eligible for certification in "restricted" "limited" or "experimental" category, may be exported to Portugal only if a prior and specific approval of this Civil Aviation Authority is obtained.

### **Special Conditions**

- Flight manual for standard category aircraft, gliders and motorized gliders must be written in either Portuguese, English or French. Flight manuals for transport category aircraft must be written in either Portuguese or English.
- All safety placards required by JAR and location placards of safety equipment, must be bilingual Portuguese and English or pictograms. (CTI 87-05, Ed.2).
- For transport category aircraft:
  - o Compliance with JAR OPS 1 Subpart K and L
  - o Compliance with JAR 26
- For transport category rotorcraft:
  - o Compliance with JAR OPS 3 Subpart K and L

PORTUGAL 2

• In addition to meeting the current requirements of JAR 25-813 (c) (1), the access to emergency exits Type III and IV shall comply at least with identical requirements of UK CAA Airworthiness Notice No.79.

- This CAA may authorize deviations from the requirements in configurations involving two adjacent exits of each side of fuselage. Alternative measures such as the positioning of a cabin crew-member in the over-wing exit are accepted as long as they lead to an equivalent level of safety. (CTI 87-05 Ed.2).
- Cabin interiors layouts must be previously approved by INAC.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Mandatory modifications to ensure continuing airworthiness are issued in the form of Airworthiness Directives (ADs) by the Instituto Nacional de Aviação Civil — INAC:

The ADs are based on:

- a Service Bulletin issued by the manufacturer of aircrafts / engines / components;
- an AD or its equivalent issued by the Airworthiness Authority of the State of Manufacturer.

The ADs are forwarded by mail, preceded by a telegram or fax, dependent upon the urgency of the matter, on the basis of a list of addresses. This includes, operators and repair stations. Other addresses can be listed on request.

The AD are supplied by mandatory annual subscription for operators and repair stations.

ADs are issued as "Directives de Navigabilidade" and an updated summary is issued annually.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Required by Circular de Informação Aeronáutica N°. 03/97 the reporting of information on faults, defects and malfunctions by the holders of an Air Operator Certificate or an Aerial Work Certificate.

According to JAR-145 reporting of information on faults, defects and unairworthy condition by the holders of a JAR-145 Approval Certificate repair station is required.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Not applicable. Portugal is not, at the moment, the State of Design of any aircraft.

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QATAR 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Qatar Civil Aviation Authority (QCAA) Air Safety Department Airworthiness Section P.O. Box 3000, Doha State of Qatar

Telephone: + (009 74) 455-7229 Facsimile: + (009 74) 455-7260

SITA: DOHXYYF
Cable: CIVILAIR DOHA
AFTN: OTBDYAYX
Web: caaqatar.com

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

### Airworthiness Code(s)

Established national regulations:

- Qatar Civil Aviation Regulations (QCAR) 1002/2006 Implementing rules governing the airworthiness and environmental certification of aircraft, and the acceptability of related products, parts and appliances, as well as aircraft components and materials.
- Qatar Civil Aviation Regulations (QCAR) 1003/2006 Implementing rules governing the continuing airworthiness of aircraft and aeronautical products, parts, appliances, and on the approval of organizations and personnel involved in these tasks.

Adopted and incorporated Airworthiness Code(s) established by other States:

- applicable FARs on aeronautical products manufactured in the United States;
- applicable JAR or EASA Certification Specifications on aeronautical products manufactured in the European Union;
- the equivalent to applicable FAR or EASA CS on aeronautical products manufactured outside the United States or European Union, respectively.

#### **Special Conditions**

For the issue of a relevant airworthiness certificate, an aircraft shall have been issued with an acceptable type certificate or has been type certified to an Airworthiness Code or equivalent certification basis as prescribed in QCAR 1002/2006 Annex (Part 21).

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The QCAA does not issue an Airworthiness Directive (AD). An AD is deemed mandatory under QCAR 1002/2006 if:

a) it is issued by the Competent Authority of the State of Design; and

QATAR 2

b) it affects an aircraft being applied for an issue of an Airworthiness Certificate or which had been issued with an Airworthiness Certificate under this Regulation, or if it affects an engine, propeller, part or appliance installed on this aircraft.

Any person or organization responsible under QCAR 1003/2006 in particular Part M.A.201 shall comply with the requirements of an AD deemed mandatory under QCAR 1002/2006, and shall keep and maintain record of such compliance containing at least the following information:

- a) the reference number of the AD;
- b) the description of the unsafe condition identified in the AD;
- c) the affected aircraft;
- d) the compliance action(s) accomplished in the affected aircraft; and
- e) the time and date the required action(s) was accomplished in the affected aircraft.

All ADs are sent to the affected operators and owners by the QCAA by Notice of Airworthiness Directive Compliance Requirement (NADCR) sent by letter, fax, messenger or by reference to an internet website depending on the urgency of the matter.

The QCAA ensures that all applicable ADs are complied with by the owners/operators of all State of Qatar registered aircraft by means of airworthiness inspections and regular surveillance of maintenance records in accordance with the State's airworthiness regulations.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Any person or organization responsible under QCAR 1003/2006, in particular Part M.A.201, must report to the QCAA, the Competent Authority of the State of Design, the organization responsible for the Type Design or supplemental Type Design and, if applicable, the State of Operator, any identified condition of an aircraft or component that hazards seriously the flight safety that may include the following:

- a) fires caused by a system failure, malfunction or defect;
- b) an engine exhaust system failure, malfunction or defect which causes damage to the engine, adjacent aircraft structure, equipment or components;
- c) the accumulation or circulation of toxic or noxious gases in the crew compartment or passenger cabin;
- d) a malfunction, failure or defect of a propeller control system;
- e) a propeller or rotorcraft hub or blade structural failure;
- f) flammable fluid leakage in areas where an ignition source normally exists;
- g) a brake system failure caused by structural or material failure during operation;
- h) a significant aircraft primary structural defect or failure caused by any autogenous condition (fatigue, understrength, corrosion, etc.);
- i) any abnormal vibration or buffeting caused by a structural or system malfunction, defect or failure;
- j) an engine failure;
- k) any structural or flight control system malfunction, defect or failure which causes an interference with normal control of the aircraft for which derogates the flying qualities;
- 1) a complete loss of more than one electrical power generating system or hydraulic power system in a given operation of the aircraft;
- m) a failure or malfunction of more than one attitude, airspeed, or altitude instrument during a given operation of the aircraft.

The QCAA has established an uses a mandatory occurrence reporting scheme which obliges all the civil-registered aircraft owners/operators, air carriers and QCAA approved maintenance organizations and sources to report any faults, defects and malfunctions in accordance with the procedures detailed

QATAR 3

in Airworthiness Notice No. 13/2006 using QCAA approved report forms. The report must contain all pertinent information about the condition known to the person or organization.

Where the person or organization maintaining the aircraft is contracted by an owner or an operator to carry out maintenance, the person or the organization maintaining the aircraft must also report to the owner, the operator or the continuing airworthiness management organization any such condition affecting the owner's or the operator's aircraft or component.

Reports must be made as soon as practicable, but in any case within 72 hours of the person or organization identifying the condition to which the report relates. The QCAA will review these reports, and as required, inform the Competent Authority of the State of Design.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

QCAA does not issue Type Certificates and Approvals to design organizations. However, each known Qatar-registered owner of one or more aircraft, engine or propeller must ensure that he obtains from the holder of the Type Certificate, at least one set of complete instructions for continued airworthiness, comprising descriptive data and accomplishment instructions prepared in accordance with the applicable type certification basis, upon its delivery or issue of the first Certificate of Airworthiness for the affected aircraft, which ever occurs later.

In addition, all known operators of the product and any person required to comply with any of those instructions must ensure that they are in receipt of changes to the instructions for continued airworthiness.

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REPUBLIC OF KOREA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Airworthiness Division Civil Aviation Safety Authority (CASA) Ministry of Land, Transport and Maritime Affairs 274, Gwahae-Dong Gangseo-Gu, Seoul 157-711 Republic of Korea

Telephone: (82-2) 2669-6360 Facsimile: (82-2) 2662-3751

E-mail: g\_kcasa\_aw@mltm.go.kr URL: http://www.casa.go.kr

AFTN: RKSLYAYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

Airworthiness Code(s) together with any special conditions attached thereto:

- KAS (Korean Airworthiness Standards)
- Part 22: Glider
- Part 23: Normal, utility, acrobatic and commuter category aeroplanes
- Part 25: Transport category aeroplanes
- Part 27: Normal category rotorcraft
- Part 29: Transport category rotorcraft
- Part 31: Airships
- Part 33: Aircraft engines
- Part 34: Fuel venting and exhaust emission requirements
- Part 35: Propellers
- Part 36: Noise standards

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The CASA of the Republic of Korea issues an Airworthiness Directive (AD) whenever an unsafe condition of a product might exist or develop in other products of the same Type Design which is registered or manufactured in the Republic of Korea. And the CASA also issues an AD where it deems necessary that the AD (or equivalent information) issued by the State of Design is implemented by an aircraft operator and owners.

ADs addressed to an individual aircraft operator and owners concerned are mandatory. The CASA of the Republic of Korea ensures that all applicable ADs are complied with by the owners and operators of all registered aircraft by means of airworthiness inspection and regular surveillance in accordance with airworthiness regulations and procedures.

ADs are sent to the affected operators and owners by fax, mail, or e-mail and are also made available on the CASA website.

REPUBLIC OF KOREA 2

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

### Service Difficulty Reporting (SDR) System

The CASA of the Republic of Korea has established and uses a service difficulty reporting system which obliges all the owners/operators of the registered aircraft and approved maintenance organizations (AMO) to report any faults, defects and malfunctions in accordance with the procedures detailed in the Flight Safety Regulations (FSR).

All reports must be submitted to the CASA or regional aviation administrations within 72 hours from the time the service difficulty is first discovered. And the system also requires that the service difficulties are informed to the aircraft designer.

The CASA or regional aviation administrations will review these reports and, as required, inform the State of Design concerned.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

None.			
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REPUBLIC OF MOLDOVA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

State Administration of Civil Aviation Airport MD 2026, Chisinau Republic of Moldova

Telephone: + 373 2-525036

Facsimile: + 373 2-529118/529190

AFTN: LUKKYGYA

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

- USSR Civil Aircraft Airworthiness Code (NLGS)
- Aviation regulations of the Interstate Aviation Committee (IAC)

#### **Special Conditions**

Not applicable.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

At present, the Republic of Moldova is not a State of Manufacture and does not issue Airworthiness Directives (ADs). All ADs of States of Design are mandatory for aircraft entered in the aeronautical register of the Republic of Moldova.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

A specific system for reporting information on faults, defects and malfunctions has not been introduced and is at the development stage. However, the Republic of Moldova operators report information on faults, defects and malfunctions to the aircraft designers. In addition, the State Administration of Civil Aviation informs the Interstate Aviation Committee and the aircraft designer of all the faults, defects and malfunctions which lead to aircraft accidents incidents.

### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

The Republic of Moldova is not a State of Design.

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ROMANIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Romanian Civil Aeronautical Authority Soseaua Bucuresti-Ploiesti, No. 38-40, Sector 1 RO-013695, Bucharest Romania

Telephone: + (4021) 208-15-08
Facsimile: + (4021) 208-15-72
Telex: 11181 AIRBUH R
SITA: BUHTOYA
AFTN: LRBBYAYA
Website: www.caa.ro
E-mail: dir.gen@caa.ro

Note.— Romania has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Starting 1 January 2007, Commission Regulation (EC) No. 1702/2003 of 24 September 2003 laying down implementing rules for the airworthiness and environmental certification of aircraft and related products, parts and appliances, as well as for the certification of design and production organizations (Part 21) has been used for certification of aeronautical products. Other Airworthiness Codes:

- CS-22 Sailplanes and Power Sailplanes
- CS-VLA Very Light Aeroplanes
- CS-23 Normal, Utility, Aerobatic and Commuter Category Aeroplanes
- CS-25 Large Aeroplanes
- CS-27 Small Rotorcraft
- CS-29 Large Rotorcraft
- CS-E Engines
- CS-APU Auxiliary Power Units
- CS-P Propellers
- CS-34 Aircraft Engine Emissions and Fuel Venting
- CS-36 Aircraft Noise
- CS-AWO All Weather Operations
- CS-ETSO European Technical Standard Orders
- CS-D Definitions and Abbreviations
- CS-VLR Very Light Rotorcraft
- AMC-20 General Acceptable Means of Compliance for Airworthiness of Products, Parts and Appliances

ROMANIA 2

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) applicable to an EASA approved Type Certificate are those which have been issues or adopted by EASA.

ADs are issued by EASA, acting in accordance with Regulation (EC) No. 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.

Any AD issued by a State of Design for an aircraft imported from a third country, or for an engine, propeller, part or appliance imported from a third country and installed on an aircraft registered in Romania, as an EU Member States, shall apply unless EASA has issued a different decision before the date of entry into force of that AD.

In accordance with Regulation (EC) No. 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable AD. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirement of that AD unless otherwise specified by EASA or agreed with the Authority of the State of Registry (EC 216/2008, Article 14 (4) exemption).

Romania, as State of Registry, ensures that all applicable ADs are complied with by the owners/operators of all Romanian registered aircraft by means of airworthiness inspections and regular surveillance of maintenance records in accordance with EASA airworthiness regulations.

The EASA ADs publishing tool offers a complete list of ADs that have been issued by EASA or have received an EASA approval number since 28 September 2003. The tool also contains all Proposed ADs (PAD) and allows users to submit their comments during the consultation period.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

A Service Difficulty Reporting (SDR) System was developed, as a feedback system, in accordance with ICAO recommendations (Doc 9760-AN/967 — *Airworthiness Manual*, Volume II, Part B, Appendix B to Chapter 8).

The SDR System does not preclude the owners/operators duties in accordance with Annex 13 to the Chicago Convention (accident and incident reporting) and also with Order No. 26/13 January 2006 of Romanian Minister of Transports, Constructions and Tourism for the approval of Romanian Civil Aeronautical Regulation RACR-REAC, issue 01/2005.

The SDR System obliges all the civil-registered aircraft owners/operators, air carriers and Romanian-approved repair stations to report any faults, defects and malfunctions in accordance with the instructions detailed in RACR-REAC using the specified forms.

All reports must be submitted to the Romanian Civil Aeronautical Authority (RCAA) within 72 hours from the time the service difficulty was first discovered. The system also requires all operators to inform the aircraft designer about these difficulties.

ROMANIA 3

The RCAA will review these reports and, as required, inform the State of Design.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

S.C. Constructii Aeronautice S.A. No. 1, Aeroportului Street 507075 Ghimbav, BRASOV ROMANIA

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RUSSIAN FEDERATION 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

State Civil Aviation Authority Ministry of Transport of the Russian Federation (SCAA Mintrans of Russia)
Continuing Airworthiness and Civil Aviation Technical Development Department 37 Leningradsky prospekt, Moscow, A-167, GSP-47, 125993
Russian Federation

Telephone: +(095) 155-5204 Facsimile: +(095) 155-5535

Cable: A-167, 37 Leningradsky prospect

AFTN: UUUFZXTT Telex: 411182 AFT

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

The civil aircraft Airworthiness Code (AC) consists of the following aviation regulations (AR):

- AR-23: general aeroplane AC;
- AR-25: transport category aeroplane AC; and
- AR-27: transport category helicopter AC.

The procedure for establishing aircraft compliance with the AC is determined by the type certification regulations and aviation regulation AR-21 *Aviation Equipment Certification Procedures*.

## C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) are issued in accordance with AR-39 *Airworthiness Directives* and the document *Procedure for Issuing Bulletins and Carrying Out Work under Them on Aviation Equipment Items*. ADs are binding and no one may operate an aircraft registered in Russia without meeting the terms of the directives.

#### AD are based on:

- mandatory bulletins prepared by the manufacturer and implemented by the SCAA Mintrans of Russia;
- the findings and recommendations of domestic or foreign civil aviation authorities and/or an accident investigation board;
- experience acquired in flight operations and maintenance;
- the results of analyzing information on faults, defects and malfunctions.

ADs are circulated by the Federal Aviation Authority of Russia to all airlines and aircraft owners and to aviation equipment maintenance and repair organizations.

RUSSIAN FEDERATION 2

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

For Russian-manufactured aircraft operated and registered abroad, ADs are circulated by the aircraft manufacturer on behalf of the SCAA Mintrans of Russia.

For foreign-manufactured aircraft entered in the Russian register, the SCAA Mintrans of Russia accepts the mandatory status of the ADs as established by the competent authority of the State of Manufacture if it does not itself issue a notification of a contrary nature. The SCAA Mintrans of Russia may alter the content or application of a foreign AD by issuing an additional AD, which the SCAA Mintrans of Russia circulates to the operators of the aircraft concerned.

### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

The organization responsible for the Type Design of a particular aircraft type is the organization which developed the type.

Such developer organizations are:

#### For all types of IL-brand aeroplanes:

S.V. Ilyushin Aviation Complex 45-2 Leningradsky prospekt, Moscow, 125190

#### For all types of TU-brand aeroplanes:

OJSC "Tupolev", 17 Academician Tupolev Embankment, Moscow, 111250

#### For all types of YAK-brand aeroplanes:

A.S. Yakovlev Experimental Design Bureau 68 Leningradsky prospekt, Moscow, 125315

### For all types of MI-brand helicopters:

PJSC "M.L. Mil Moscow Helicopter Plant 2 Sokolnichesky val, Moscow, 107113

#### For all types of KA-brand helicopters:

PJSC "Kamov" 8a Eight March Street, Lyubertsy, Moscow Region, 140007

RWANDA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Rwanda CAA Rwanda Airports Authority B.P. 1122 Kigali Rwanda

Telephone: (250) 85845 Facsimile: (250) 82609

E-mail: raa@rwanda1.com

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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SAINT KITTS AND NEVIS 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Minister Responsible for Civil Aviation
National Civil Aviation Administration (NCAA)
Mr. Ian M. Liburd
Permanent Secretary
Ministry of Public Works, Utilities, Transport and Posts
P.O. Box 186
Basseterre
Saint Kitts and Nevis
West Indies

Telephone: + (869) 466-6119/+ (809) 466-4846

Facsimile: + (869) 465-0604

E-mail: skbmetof@caribsurf.com

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

No information provided.

### **Special Conditions**

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

This section is not applicable to our situation.

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SAINT LUCIA 1

# A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Eastern Caribbean Civil Aviation Authority Corner Factory Road and Nugent Avenue P.O. Box 1130 St. John's Antigua

Telephone: + (268) 462 0907 Facsimile: + (268) 462 0082 E-mail: oecs.dca@candw.ag

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

The following Act and Regulations were established and adopted:

- Civil Aviation Act No. 7 of 2005
- Civil Aviation Regulations S.I. No. 174 of 2007

## C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) issued by the State of Design CAAs are mandatory and operators are responsible for compliance. The ECCAA monitors compliance.

ADs issued by the ECCAA are covered by the Civil Aviation Regulations and these are distributed/communicated to applicable operators and State of Design CAAs.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The ECCAA has established a Mandatory Occurrence Reporting (MOR) system which requires operators and or persons involved in aviation to report accidents or incidents as stated by Regulations using the standard form provided. The MORs must be reported within 72 hours of the occurrence. These are then processed and sent to the State of Design CAA or OEM if applicable.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

This section is not applicable to our situation.

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### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate of Civil Aviation, Organization of Eastern Caribbean States, together with UK CAA Advisory Service:

Minister Responsible for Civil Aviation

Honourable Vincent Ian Beache

Minister of National Security, The Public Service and Airport Development

National Civil Aviation Administration (NCAA)

Mr. Michael Da Silva

Permanent Secretary

Ministry of National Security, The Public Service and Airport Development

Grenville Street

Kingstown

St. Vincent and the Grenadines

Telephone: +(784) 451-2707/+(784) 456-1111 Ext. 586

Facsimile: + (784) 451-2820

Email: minatsec@vincysurf.com

AFTN: TAPAYAYX

Airworthiness Authority

Mr. Michael Da Silva

Permanent Secretary

Ministry of National Security, The Public Service and Airport Development

Grenville Street

Kingstown

St. Vincent and the Grenadines

Telephone: + (784) 451-2707/+ (784) 456-1111 Ext. 5

Facsimile: + (784) 451-2820 AFTN: TAPAYAYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

The names of the Airworthiness Codes for Saint Vincent and the Grenadines are the Civil Aviation (Air Navigation) Regulations 1996 and 1997 and these are based on the Overseas Territories (Dependent territories) Order 1989.

#### **Special Conditions**

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives received from manufacturers and/or Airworthiness Authority of a State are immediately communicated to local operators.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

International reporting on information on facts, defects and malfunctions is accomplished mainly by AFTN, facsimile, e-mail or regular postal services after the level of urgency has been established.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

This section is not applicable to our situation.

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SAMOA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Transport P.O. Box 1607 Apia Samoa

Telephone: (685) 23700 Facsimile: (685) 25419

E-mail: santana@samoa.ws

AFTN: NSFAYD

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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SAN MARINO 1

# A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation and Maritime Navigation Authority (CAA MNA SMR) World Trade Center Via Consiglio dei Sessanta, 99 47891 Dogana Republic of San Marino (RSM)

Telephone: +378 (0549) 882929 Facsimile: +378 (0549) 882928 E-mail: info@caa-mna.sm

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

- CAR GEN, General Airworthiness & Registration Regulations
- CAR AIR, Continuing Airworthiness (Private Operations)
- CAR 145, Approved Maintenance Organizations
- CAR 21, Certification of Aircraft
- SM-CAR AM 3, Requirements for Micro-light Aircraft

#### **Special Conditions**

Special conditions are envisaged for ultra-light aircraft.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

At present, the Republic of San Marino does not manufacture any type of aircraft and therefore does not issue Airworthiness Directives.

According to national regulations, the CAA shall receive directives from manufacturing States and shall send them to the manufacturer or operator of the aircraft.

With regard to aircraft destined for commercial use, national regulations establish that any defect or malfunction shall be recorded in the technical log book and reported to the CAA according to the specific regulation.

SAN MARINO 2

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

As there are no manufacturers of aircraft or aeronautical products in San Marino, there is no organization responsible for the Type Design.

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SAO TOME AND PRINCIPE 1

#### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation National Institute (INAC) Technical Department and Airworthiness Authority Section Aeroporto de Sao Tome C.P. 97 Sao Tome e Principe

Telephone: (239) 1222003 Facsimile: (239) 1221848 E-mail: inac1@cstome.net

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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SAUDI ARABIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Vice President, Aviation Standards and Safety Dept., Presidency of Civil Aviation P.O. Box 887, Postal Code 21165 Jeddah Saudi Arabia

Telephone: +685-5510 Facsimile: +685-5142/5745

Telex: 6855510-6855581 FSD PCA SJ

E-mail: mberenji@pca.gov.sa

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

The Presidency of Civil Aviation (PCA) has adopted the United States Federal Aviation Regulations (FAR) as the Codes of Airworthiness for issuing and validation of Airworthiness Certificates.

#### **Special Conditions**

For more details, refer to PCA Airworthiness Guides (AG) at www.pca.gov.sa/pca/standards.htm.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The applicability and issuance of Airworthiness Directives (ADs) are specified in PCA Airworthiness Guide (AG-6) of Airworthiness Directives Policy and Procedures. The Presidency of Civil Aviation (PCA) ensures that all applicable ADs are complied by the owners/operators of all Saudi-registered aircraft to abide by the FAR 39 requirements by means of annual airworthiness inspection (general aviation aircraft) and regular surveillance of maintenance records (air carrier aircraft) in accordance with the PCA Airworthiness Guide (A/G) No.2.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The Presidency of Civil Aviation has established and uses a Malfunction and Defect Reporting System (refer to Airworthiness Guide No. 2) obligating all Saudi-registered aircraft owners/operators and PCA approved repair stations to report any serious malfunction and defects of an aircraft using the PCA Form 8330-2 in addition to the FAR 121, 703, and 121, 705 reporting requirements for air carrier aircraft. This reporting system was established to meet the requirements of ICAO Annex 8, Part II, paragraph 4.2.4.

SAUDI ARABIA 2

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There are no aircraft design organizations in the Kingdom of Saudi Arabia responsible for Type Design.

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SENEGAL 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Agence national de l'Aviation Civile du Sénégal (ANACS) B.P. 8184 Léopold Sédar Senghor International Airport Dakar Sénégal

Telephone: + (221) 33 869 5335 Facsimile: + (221) 33 820 0403 E-mail: daviacivile@sentoo.sn

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

Aviation Regulations of Senegal (Règlements Aéronautiques du Sénégal, RAS) in accordance with ICAO requirements:

- RAS 3 Registration
- RAS 4 Airworthiness
- RAS 5 Approved Maintenance Body
- RAS 6 Certification of Operators
- RAS 8 Technical Operation of Aircraft
- RAS 10 Instruments and Equipment

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Safety Control Department (*Direction du Contrôle de la Sécurité, DCS*) of ANACS is in charge of monitoring the observance of airworthiness instructions (*consignes de navigabilité, CN*) by operators. When ANACS receives an airworthiness instruction from the authority of the aircraft manufacturer of origin or a recognized authority (FAA, EASA, etc.), it forwards the instruction to airworthiness inspectors. If the instruction is for an aeroplane registered in Senegal or operated by a Senegalese air operations license holder, a copy is sent to the operator concerned for application.

Inspectors can find information about the airworthiness instructions in the ANACS IT network, or on-line with FAST and AV DATA subscriptions.

Inspectors should have a good knowledge of all airworthiness instructions for planes in operation, prepare a list of all applicable airworthiness instructions, and request proof of compliance for a number of planes sampled at random.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

ANACS has introduced a system for reporting service problems. In the event of faults, defects or malfunctions in respect of an aircraft registered in Senegal, the operator or owner must submit an incident report for the purpose of improving the design, operational and maintenance safety of aircraft. The information is to reach ANACS within 72 hours.

Minor recurring incidents that may compromise airworthiness must be reported to ANACS.

SENEGAL 2

Reports on events should serve to determine the circumstances, the nature, probable causes and consequences, and identify the faulty equipment.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Not applicable.				

SERBIA 1

#### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Federal Ministry of Transport and Telecommunication Omladinskih brigada 1 11070 Novi Beograd Serbia

Telephone: (381 11) 311 73 47 Facsimile: (381 11) 311 75 18 E-mail: lezaic@yubc.net

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

SEYCHELLES 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Tourism and Civil Aviation Directorate of Civil Aviation P.O. Box 181 Victoria MAHE Seychelles

Telephone: + (248) 384 035 Facsimile: + (248) 384 032

E-mail: dcaops@seychelles.net

SITA: SEZAPYA AFTN: FSIAYNYX

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

- JAR
- FAR
- Air Navigation Order

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

All Airworthiness Directives (ADs) issued by the State of Manufacture are deemed mandatory.

Operators and aircraft owners are required to subscribe for ADs.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

There is in place a mandatory reporting system that requires aircraft operators, pilots, maintenance personnel and maintenance organizations to report any potentially hazardous failure, malfunction, defect, etc. to the authority.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There is no Type Design organization in Seychelles.

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SIERRA LEONE 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Transport and Communications Ministerial Office Block George Street Freetown Republic of Sierra Leone

Telephone: (232 22) 222106

(232 22) 226191

Facsimile: (232 22) 228488 Cable: AIRCIVIL AFTN: GFLLYA

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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SINGAPORE 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Airworthiness/Flight Operations Division Civil Aviation Authority of Singapore Singapore Changi Airport P.O. Box 1 Singapore 918141

Attn: Mr. Tan Kah Han, Director (Airworthiness/Flight Operations)

Telephone: +(65) 6541 3012 Telex: +(65) 6545 6519

AFTN: WSSSYA

E-mail: tan kah han@caas.gov.sg

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

- Singapore Airworthiness Requirements 21 (Airworthiness Code)
- Singapore Airworthiness Requirements (Certificates of Airworthiness
- Singapore Air Navigation Order

See the United States Federal Aviation Administration Advisory Circular 21-2 (latest issue) for special conditions.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

All Airworthiness Directives (ADs) issued by the Airworthiness Authorities of the State of Manufacture and the State of Design are deemed to be mandatory by this Authority. However, the Civil Aviation Authority of Singapore does issue ADs if it deems necessary.

ADs are received by this Authority and aircraft operators direct from the Airworthiness Authorities of the State of Manufacture and the State of Design. Close coordination is maintained between the Authority and the operators to ensure implementation of all ADs.

On occasions when the Authority requires that a manufacturer's recommended Service Bulletin should be made mandatory, this is conveyed to individual operators by letter.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Reports are, as applicable, submitted by:

• the holder of an Air Operator's Certificate, or the owner or operator of other aircraft, following the occurrence to their aircraft of a potentially hazardous defect, failure or malfunction during any flight time period or the effect of such problems during maintenance or other work on an aircraft;

SINGAPORE 2

• approved persons or organizations who during maintenance or other work become aware of serious or hazardous defects, failures or malfunctions on aircraft, components or equipment;

• the holder of an Air Operator's Certificate in respect of each interruption to a scheduled flight that resulted from a known or suspected defect, failure or malfunction not classified as potentially hazardous.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Nil. Singapore does not manufacture aircraft.

SLOVAKIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Authority Airport M.R. Štefánik 823 05 Bratislava Slovak Republic

Telephone: +421 2 5723 1457 Facsimile: +421 2 5723 1470

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The Slovak Republic has adopted the area of airworthiness Part 21, Subpart H of the Commission Regulation (EC) No. 1702/2003 of 24 September 2003 laying down implementing rules for the airworthiness and environmental certification of aircraft and related products, parts and appliances, as well as for the certification of design and production organizations.

Airworthiness Codes — the EASA certification specifications: http://www.esasa.europa.eu.

#### **Special Conditions**

Part-21A.16B of the Annex to regulation (EC) No. 1702/2003.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

All Airworthiness Directives (ADs) are sent from the manufacturer (or from the Type-Certificate holder) to the operator. The CAA of the Slovak Republic within the scope of supervision, monitors the system of assigning information about ADs by the operator.

The CAA registers all ADs and ADs are solved by the responsible inspector.

The State of Registry ensures that all applicable ADs are complied with by the owners/operators of all a State's registered aircraft by means of airworthiness inspections and regular surveillance of maintenance records in accordance with the State's airworthiness regulations.

In case of aircraft under Annex II of Regulation (EC) No. 216/2008 of the European Parliament and of the Council of 20 February 2008 on common rules in the field of civil aviation and establishing a European Aviation Safety Agency, and repealing Council Directive 91/670/EEC, Regulation (EC) No. 1592/2002 and Directive 2004/36/EC, in the Slovak Republic is manufacturer Aerospool Prievidza, that is the type-certificate holder for aircraft WT-9 Dynmaic following the national legislation.

Part-21A.3B of the Annex to Regulation (EC No. 1702/2003 together with the EASA AD policy and EASA AD publication tool (http://www.easa.europa.eu).

SLOVAKIA 2

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

In the Slovak Republic the Provision of the Government of the Slovak Republic No. 661/2005 of 23 December 2005 is in force on occurrence reporting in civil aviation issued on the basis of Directive 2003/42/EC of the European Parliament and of the Council of 13 June 2003 on occurrence reporting in civil aviation as a national legislation.

EU legislation: Part-21A.3 of the Annex to Regulation (EC) 1702/2003; Part MA.202; Part-145.A.60 of the Annexes I and II to Commission Regulation (EC No. 2042/2003 of 20 November 2003 on the continuing airworthiness of aircraft and aeronautical products, parts and appliances, and on the approval of organizations and personnel involved in these tasks; EU-OPS.420 of Annex III to Council Regulation (EEC) No. 3922/91 of 16 December 1991 on the harmonization of technical requirements and administrative procedures in the field of civil aviation and AMC 20-8.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There are no national organizations responsible for Type Design in the Slovak Republic.

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SLOVENIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Authority of the Republic of Slovenia (CAA-RS) Kotnikova 19a 1000 Ljubljana Slovenia

Telephone: + (386) 1 473 4600 Facsimile: + (386) 1 433 4649 AFTN: LJLAYFYX

E-mail: Iztok-kisovar@caa-rs.si

Note.— Slovenia has notified ICAO that the European Aviation Safety Agency (EASA) is now the Government's authorized agent for fulfilment of its obligation, as State of Design or Manufacture as specified in Part II of Annex 8 to the Convention on International Civil Aviation. EASA Regulations have been adopted and applied.

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

Airworthiness Code(s)

- JARs
- National legislation Zlet with detailed requirements.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) issued by the State of Manufacture of the aircraft are mandatory for Slovenia-registered aircraft.

Since 1999 the ADs are published on the CAA web site http://www.caa-rs.si/, and all owners are obliged to follow it.

Thereafter, compliance is constantly monitored by the Airworthiness Department, CAA and Inspectorate Department of the Ministry of Transport.

Emergency ADs are sent by fax to operators in question.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

It is compulsory that operators and owners of aircraft send a report about accidents, faults and malfunctions in operation and maintenance within three days.

If the Slovenia CAA decides to publish an AD based on a report, a copy of the AD is sent to the manufacturer and the Authority of the manufacturer.

SLOVENIA 2

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.		

SOLOMON ISLANDS 1

FOR CONTINUING AIRWORTHINESS

A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE

Civil Aviation Division Ministry of Culture, Tourism and Aviation P.O. Box G20 Honiara Solomon Islands

Telephone: (677) 36561/ + (677) 36563

Facsimile: (677) 36775

E-mail: civilair@welkam.solomon.com.sb

Cable: CIVILAIR HONIARA

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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SOMALIA 1

# A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Somali Civil Aviation Authority P.O. Box 1737 Mogadishu Somalia

Telephone: (252 1) 20203

Cable: CIVAIR MOGADISHU

AFTN: HCMMYAYX

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

SOUTH AFRICA 1

# A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

General Manager: Aircraft Safety South African Civil Aviation Authority Private Bag x 73 Halfway House 1685 South Africa

Telephone: +(2711) 545 1099 Facsimile: +(2711) 545 1462 E-mail: chakarisao@caa.co.za

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code:**

Article 33 of the Convention and ICAO Annex 8

Established and adopted by State:

- Part 21-Certification Procedures
- Part 43-General Maintenance Rules

#### **Special Conditions**

An aircraft or any other Class 1 product, to be eligible for registration and airworthiness certification by the Government of the Republic of South Africa, must be eligible for certification in the United States standard or restricted category and should be covered by an Export Certificate of Airworthiness, FAA Form 8130-4, in accordance with Part 21 of the United States Federal Aviation Regulations, Class II and III products, to be eligible for approval and installation on certificated civil aircraft of South African registry, should be exported in accordance with the applicable provisions of Part 21 of the United States Federal Aviation Regulations.

When the aircraft is the first of the type or model to be imported into South Africa, the importer will advise the exporter of this fact and the exporter is to supply the Director-General: Transport, Department of Transport, Private Bag x 193, Pretoria, Republic of South Africa, with the information and data material as shown below:

- a set of maintenance overhead, parts, repair, and operations manuals issued by the manufacturers of the aircraft, its engine(s), propeller(s), and installed equipment and containing such information as is necessary to assemble, maintain, overhaul, repair, and operate the aircraft, its engine(s), propeller(s), and installed equipment;
- a set of all current service bulletins, service letters, and modification bulletins, issued in respect of aircraft, its engine(s), propeller(s), and installed equipment and written confirmation from the manufacturer of the aircraft that, as and when they are issued, he will supply the Director-General: Transport with copies of the amendments to and new issues or revisions of the publications referred to in this and the proceeding subparagraph;
- a three-view general arrangement drawing of the aircraft;
- a Type Certificate Data Sheet or an equivalent document;
- the approved flight manual or an equivalent document;
- a copy of the manufacturer's production flight test report for aircraft being exported; and
- a copy of the compliance checklist. This document must refer to each applicable regulation of the certification basis, the manner of compliance as well as reference to documents pertaining to the compliance data/substantiation.

SOUTH AFRICA 2

The exporter must supply the following documents in respect of every aircraft for which a South African Certificate of Airworthiness is desired:

• a certified statement issued by manufacturer, indicating that all mandatory modifications and special inspections have been complied with;

- a copy of aircraft weight and balance report and equipment list showing the weights and arms of the main components and installed equipment; and
- an approved flight manual or equivalent document.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) issued by the State of Design are mandatory. Additionally, the State of Registry may issue an AD whenever an unsafe condition of a product might exist or develop in other products of the same Type Design, and the State of Design shall be informed of these ADs.

All ADs are sent to the affected operators and owners by the State of Registry by letter, fax, messenger or by reference to the internet website depending on the urgency of the matter.

The State of Registry ensures that all applicable ADs are complied with by the owners/operators of all a State's registered aircraft by means of airworthiness inspections and regular surveillance of maintenance records in accordance with the State's airworthiness regulations.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The State of Registry's civil aviation authority has established and uses service difficulty reporting system which obliges all the civil-registered aircraft owners/operators, air carriers and the State-approved repair stations to report any faults, defects and malfunctions in accordance with the procedure detailed in a Service Difficulty Reporting System using the Civil Aviation Authority forms.

All reports must be submitted to the Civil Aviation Authority within 48 hours from the time the service difficulty was first discovered. The system also requires all Civil Aviation Authorities to inform the aircraft designer and manufacturer about these difficulties. The Civil Aviation Authority will review these reports and, as required, inform the State of Design and Manufacture.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Uys Jonker Sail Planes Hanga 23 Potchefstroom Airfield 1 Tiger Moth Rd Potchesfstroom 2531

P.O. Box 1575 Potchefstroom 2520.

SPAIN 1

FOR CONTINUING AIRWORTHINESS

A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE

Agencia Estatal de Seguridad Aérea (AESA) Dirección de Seguridad de Aeronaves Paseo de la Castellana 67 28071-Madrid

Telephone: + 34 91 597 8850 Facsimile: + 34 91 597 8857 E-mail: aercont@fomento.es

Spain

Note.— Spain has notified ICAO that the European Aviation Safety Agency (EASA) is the body authorized by the Government of Spain to carry out on its behalf the duties incumbent on it as a State of Design and State of Manufacture as described in Part II of Annex 8. The EASA Regulations have been adopted and implemented.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### Aircraft included in Regulation (EC) No. 216/2008

Listed below are the certification specifications which can be found at the following link: http://www.easa.europa.eu/ws\_prod/g/rg\_certspecs.php.

- CS-22: Sailplanes and Powered Sailplanes
- CS-23: Normal, Utility, Aerobatic and Commuter Aeroplanes
- CS-25: Large Aeroplanes
- CS-27: Small Rotorcraft
- CS-29: Large Rotorcraft
- CS-34: Aircraft Engine Emissions and Fuel Venting
- CS-36: Aircraft Noise
- CS-APU: Auxiliary Power Units
- CS-AWO: All-Weather Operations
- CS-E: Engines
- CS-ETSO: European Technical Standard Orders
- CS-Definitions: Definitions and Abbreviations
- CS-P: Propellers
- CS-VLA: Very Light Aeroplanes
- CS-VLR: Very Light Rotorcraft
- AMC-20: General Acceptable Means of Compliance for Airworthiness of Products, Parts and Appliances

#### **Special conditions**

Special conditions are part of EASA's framework for certification. They are stipulated in Part 21A.16B of the Annex to the Regulation (CE) No. 1702/2003.

#### Aircraft included in Annex II of Regulation (EC) No. 216/2008 which comply with ICAO Annex 8

In Spain's case, the aircraft included in Annex II of Regulation (EC) No. 216/2008 do not comply with ICAO Annex 8 — *Airworthiness of Aircraft*, national regulations are thus implemented.

SPAIN 2

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

#### Aircraft included in Regulation (EC) No. 216/2008

The methods used are stipulated in Part 21A.3B of the Annex to Regulation (EC) No. 1702/2003. EASA's Airworthiness Directive (AD) policy can be found at: http://easa.europa.eu/ws\_prod/c/c\_intwrkproc.php.

EASA's ADs publishing tool can be found at: <a href="http://www.easa.europa.eu/ws\_prod/c/c\_awdir.php">http://www.easa.europa.eu/ws\_prod/c/c\_awdir.php</a>. On this webpage are all the ADs issued or approved by EASA after 28 September 2003 and relating to aircraft for which Spain is the State of Design.

Prior to 1 April 1988, the mandatory airworthiness maintenance information for aircraft built in Spain was comprised of the Service Bulletins (SBs) published by the manufacturer concerned and declared mandatory by the responsible authority at the time, the Directorate General of Civil Aviation (DGCA). The list of these SBs can be found at the State Aviation Safety Agency (AESA), at the address indicated in Section A.

Since 1 April 1988, the aforementioned information has been published by the DGCA in the form of ADs. These ADs can contain references to documentation published by the manufacturer, such as Service Bulletins, service letters and communications, for example. The list of these directives is available on and can be downloaded from AESA's webpage at the following link: <a href="http://www.seguridadaerea.es/AESA/LANG\_CASTELLANO/AERONAVES/CERTIFICATION/DIRECTIVAS\_AERONAVEGABILIDAD/">http://www.seguridadaerea.es/AESA/LANG\_CASTELLANO/AERONAVES/CERTIFICATION/DIRECTIVAS\_AERONAVEGABILIDAD/</a>.

#### Aircraft included in Annex II of Regulation (EC) No. 216/2008 which comply with ICAO Annex 8

In Spain's case, the aircraft included in Annex II of Regulation (EC) No. 216/2008 do not comply with ICAO Annex 8; national regulations are thus implemented.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

#### Aircraft included in Regulation (EC) No. 216/2008

Stipulated in Part 21A.3 of the Annex to Regulation (EC) No. 1702/2003, Part M.A.202; Part 145A.60 of Annexes I and II of Regulation (EC) No. 2042/2003; EU-OPS.420 of Annex III of Regulation (EC) No. 3922/1992 and AMC 20-8.

There is also a mandatory Occurrence Reporting System, established by Royal Decree No. 1334/2005 of 14 November, which introduces Directive No. 2003/42/EC of 13 June 2003 into Spanish law.

#### Aircraft included in Annex II of Regulation (EC) No. 216/2008 which comply with ICAO Annex 8

In Spain's case, the aircraft included in Annex II of Regulation (EC) No. 216/2008 do not comply with ICAO Annex 8; national regulations are thus implemented.

SPAIN 3

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

#### Aircraft included in Regulation (EC) No. 216/2008

The organizations appear in the DOA list which can be found in the following section of EASA's website: <a href="http://www.easa.europa.eu/ws\_prod/c/c\_orgapprodoa\_doa.php">http://www.easa.europa.eu/ws\_prod/c/c\_orgapprodoa\_doa.php</a>.

Aircraft included in Annex II of Regulation (EC) No. 216/2008 which comply with ICAO Annex 8

Aerodifusión, S.L.

Address: No longer in operation

Airecraft: D1190S

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SRI LANKA

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Director General of Civil Aviation Civil Aviation Authority of Sri Lanka No. 64, Supreme Building Galle Road Colombo 03 Sri Lanka

Telephone: + (94) 11 2433213 Facsimile: + (94) 11 2440231

E-mail: <u>slcaa@sltnet.lk</u>, <u>sldgca@slt.lk</u>, sldgca@caa.lk

Website: <a href="www.caa.lk">www.caa.lk</a>
AFTN: <a href="www.caa.lk">VCCCYAYX</a>

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The Airworthiness Codes published as FAR, EASA or any other comparable authority are accepted by the Civil Aviation Authority of Sri Lanka as design standards for the issuance of the Certificate of Airworthiness.

#### **Special conditions**

Certificates of Airworthiness are renewed annually after carrying out an inspection.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

All Airworthiness Directives (ADs) issued by relevant Airworthiness Authorities of States of Design and States of Manufacture are a mandatory requirement of the CAA Sri Lanka.

Airworthiness Directives (ADs) are received by the CAA and aircraft operators direct from the Airworthiness Authorities of States of Manufacture and States of Design. Such ADs are reviewed for applicability for aircraft registered in the Sri Lanka civil aircraft register and disseminated to the relevant air operator for action as applicable. For conformation of the compliance with ADs, operators are required to submit the statement of compliance.

All Service Bulletins issued by manufactures also have to be complied by the air operators/maintenance organizations.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The CAASL Aviation Safety Notice No. 014 dated 18 February 2002 details the requirements for compulsory reporting of service defects and faults of aircraft by operators to the CAA within three working days from the date the service difficulty was first discovered using the applicable form.

The CAA will review and analyze with the aim of detecting failure causes affecting the approved Type Design.

SRI LANKA 2

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In the cases where the defect is of an alerting nature this authority will forward the service difficulty information to the Airworthiness Authority of the State of Design and to the State of Manufacture as stated in Aviation Safety Notice No. 061 dated 5 August 2005.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

As there are no design/manufacturing organizations of aircraft or products in the State, there is no organization responsible for the Type Design. Therefore no organization is responsible for sending continuing airworthiness information.

SUDAN 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Sudan Civil Aviation Authority (SCAA) Airworthiness Directorate P.O. Box 58 Code: 11112 Khartoum Airport Khartoum Sudan

Telephone: + (249 183) 783343/784180

Facsimile: + (249 183) 789620

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The issuance and validation of Certificates of Airworthiness are based on the Sudan Air Act of 1999 together with the respective regulations and circulars as amended. These regulations are based on:

- EASA JARS
- FAA FARS
- TC CARS
- UK CAA BCARS.

#### **Special Conditions**

To be eligible for a Sudanese Certificate of Airworthiness, the aircraft must be in full compliance with the respective requirements stipulated in the current regulations as amended.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) issued by the State of Design/Manufacture, alert and emergency service bulletins are mandated by Sudan CAA (SCAA). SCAA may, however, issue an AD wherever an unsafe condition of a product might exist or develop in other products of the same Type Design. The State of Design shall immediately be informed of such ADs.

These Directives are sent to the affected operators and owners by letter, fax or messenger depending on the state of urgency.

SCAA ensures that all applicable ADs are complied with by the owners/operators of all Sudan registered aircraft by means of routine audits and airworthiness inspectors in accordance with the current SCAA regulation as amended.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

SCAA has already established and uses a mandatory occurrence reporting system (MORS) which obliges all civil registered aircraft owners, operators and approved maintenance organizations to report

SUDAN 2

any faults, defects and malfunctions in accordance with the procedures detailed in a mandatory occurrence reporting (MOR) document using the Aircraft Directorate (AWD) form.

All report must be submitted to the Directorate within 72 hours from the time the occurrence was first discovered.

The AWD will review the subject MOR and decide on further actioning as deemed fit.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Although Sudan is neither a manufacturing nor a design State, the SCAA is still responsible for approvals of any Type Design, STC, major repairs or major alterations should it be required in the future.

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SURINAME 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Transport, Communications and Tourism Prins Hendrikstraat 26-28 Paramaribo Suriname

Telephone: (597) 420905

(597) 420422/3

Facsimile: (597) 420425

(597) 420100

E-mail: tctdir@sr.net Cable: CIVILAIR AFTN: SMPBYAYX

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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SWAZILAND 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate of Civil Aviation Ministry of Public Works and Transport Swaziland Savings and Development Building Allister Miller Street P.O. Box 58 Mbabane Swaziland

Telephone: + (268) 404 6636/8683 Facsimile: + (268) 404 8682

Telex: 2104 wd E-Mail: dca@iafica.sz

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Swaziland in its Aviation Regulations 1969, as amended, adopted the British Civil Airworthiness Requirements as the Airworthiness Code. In line with the membership of the British Civil Aviation Authority membership to the European Civil Aviation Commission and their adoption of the Joint Airworthiness Requirements, Swaziland has since followed suit.

#### **Special Conditions**

None.

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

All FAA Airworthiness Directives (ADs) are on CD ROM and Microfilm. Manufacturer's Service Bulletins/letters are in Microfilm and hard paper copy. All Emergency ADs and Bulletins are received in telex form. UK CAA ADs are in hard paper copy. DCA Airworthiness Notices and Aeronautical Circulars are used as a method of exchanging information with other Contracting States on continuing airworthiness matters.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Aeronautical Circulars and DCA Airworthiness Notices.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

SWEDEN 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Swedish Transport Agency Civil Aviation Department SE-601 73 Norrköping Sweden

Telephone: + (46) 771 503 503 Facsimile: + (46) 11 415 22 50 AFTN: ESALYFYX

E-mail: luftfart@transportstyrelsen.se

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Ref. EASA website: http://www.easa.europa.eu/ws\_prod/g/rg\_certspecs/php.

#### **Special Conditions**

Ref. Part 21.A.16B of the Annex to Regulation (EC) No. 1702/2003.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Ref. Part 21.A.3B of the Annex to Regulation 1702/2003, and to the EASA AD policy that can be found at <a href="http://www.easa.europa.eu/ws\_prod/c/doc/Working\_Procedures/">http://www.easa.europa.eu/ws\_prod/c/doc/Working\_Procedures/</a>. We also refer to the EASA AD publication tool at: <a href="http://www.easa.europa.eu/ws\_prod/c/c\_awdir/php">http://www.easa.europa.eu/ws\_prod/c/c\_awdir/php</a>.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Ref. Part 21.A.3 of the Annex to Regulation (EC) No. 1702/2003, Part M.A.202; Part 145A.60 of the Annexes to Regulation (EC) No. 2042/2003; EU OPS.420 of Annex III to Regulation (EC) No. 3922/1991 and AMC 20-8.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Ref. EASA website page listing DOA: http://www.easa.europa.eu/ws\_prod/c/c\_orgapprodoa\_doa.php.

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SWITZERLAND 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Federal Office of Civil Aviation (FOCA) Safety Division - Aircraft Section Airworthiness P.O. Box CH-3003 Berne Switzerland

Telephone: +41-31-325-67 89/93 48

Facsimile: +41-31-325-80 51 AFTN: LSSO YAYX

URL: http://www.bazl.admin.ch

E-mail: st@bazl.admin.ch

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Switzerland is a member of the European Aviation Safety Agency (EASA). Therefore, EASA is responsible for certification activities for aircraft specified as Annex 1 Basic Regulation EC 216/2008. For aircraft under national responsibility, Switzerland uses the national regulation "Verordnung des UVEK vom 18. September 1995 über die Lufttüchtigkeit von Luftfahrzeugen" (VLL; SR 748.215.1) defines applicable requirements.

The delegated and authorized agency by State to fulfill its responsibility for continuing airworthiness is the same as above.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Switzerland is a member of the European Aviation Safety Agency (EASA). Therefore, EASA is responsible for certification activities for aircraft specified as Annex 1 Basic Regulation EC 216/2008. For aircraft under national responsibility, Switzerland uses the national regulation "Verordnung des UVEK vom 18. September 1995 über die Lufttüchtigkeit von Luftfahrzeugen" (VLL; SR 748.215.1) defines applicable requirements.

Adopted and incorporated by reference the airworthiness code established by another State is the same as above.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The Federal Office of Civil Aviation (FOCA) has established a mandatory occurrence reporting system which obliges all the civil-registered owners/operators, air carriers and State-approved repair stations to report any faults, defects and malfunctions in accordance to the "Directive 2003/42/EC of the European Parliament and the Council of 13 June 2003 on occurrence reporting in civil aviation". The objective of this Directive is to contribute to the improvement of air safety by ensuring that relevant information on safety is reported, collected, stored, protected and disseminated. In addition to

SWITZERLAND 2

the system of mandatory reporting FOCA has put in place a system of voluntary reporting to collect and analyze information on observed deficiencies in aviation which are not required to be reported under the system of mandatory reporting, but which are perceived by the reporter as an actual or potential hazard. FOCA ensures that relevant safety information deriving from the analysis of confidential reporting is stored in a database (ECCAIRS) and disidentified.

The sole objective of occurrence reporting is the prevention of accidents and incidents and not to attribute blame or liability.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Pilatus Aircraft Ltd. P.O. Box 992 6371 Stans

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SYRIAN ARAB REPUBLIC 1

### NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Syrian Civil Aviation Authority (SCAA) Flight Safety Directorate Airworthiness Inspection Divison 1 Sahet Al Najmeh P.O Box 6257 Damascus Syria

Telephone: + (0096311) 3319005 Facsimile: + (0096311) 2232201 E-mail: safety-dir@scaasy.com

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Syrian Civil Aviation Regulations (SCAR) Part 5, Chapter 3

**Section 1, Certificate of Airworthiness, 1.3, Airworthiness Code**: As the Syrian Arab Republic is a Contracting State of the International Civil Aviation Organization (ICAO), Syria accepts the ICAO airworthiness standards as outlined in the international standards, *Airworthiness of Aircraft*, Annex 8 to the Convention on International Civil Aviation.

- Section 2, Categories of aircraft
- Section 3. Issue of Certificates of Airworthiness
- Section 4, Renewal of Certificate of Airworthiness
- Section 5, Flight manual
- Section 6, Maintenance of aircraft
- Section 7, Certificate of maintenance review

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

As specified in SCAR Part 5, Chapter 3, Section 3, , Issue of Certificates of Airworthiness and Section 4, Renewal of Certificate of Airworthiness.

The procedure of handling of the Airworthiness Directives (ADs) is specified in the flight safety order number FS 10-60. ADs received as a hard copy or soft copy are general addressed directly to users, who must conform to the applicability.

(SCAR, Part 5 and SCAA orders are on the SCAA's website www.scaasy.com").

SYRIAN ARAB REPUBLIC 2

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

SCAR Part 5, Chapter 3, Section 3.3.10, information on faults, malfunction and defects and other occurrences, and there is a SCAA Order FS 10-58 (AMO and operator requirements to report malfunction and defect (mandatory reporting system) procedure.)

There is a reporting form SCAA FORM FS 136 (service difficulties).

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There is no design organization responsible for Type Design in Syria.

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TAJIKISTAN 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

State Aviation Supervision Service of the Republic of Tajikistan 734006 Dushanbe 32/1 Titova St Republic of Tajikistan

Telephone: +(3772) 298-442, 298-217

Facsimile: +(3772) 218-685, 510-041, 217-178

Telex: (787) 201115 TUGATJ

SITA: DUYZG7J E-mail: mtdh@tajik.net

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

The Republic of Tajikistan is not a designer or manufacturer of aviation equipment and has decided, on the basis of the Foreword to Annex 8 — *Airworthiness of Aircraft* to adopt the airworthiness standards established in the Russian Federation, since the aviation equipment operated in the Republic of Tajikistan is manufactured and tested in Russia. The current regulations governing aviation equipment requirements in the Republic of Tajikistan are:

- AP-21 Certification procedures
- AP-23 Airworthiness standards for aeroplanes in the normal, utility, acrobatic and commuter categories
- AP-25 Airworthiness standards for transport category aeroplanes
- AP-29 Airworthiness standards for transport category rotorcraft
- AP-33 Airworthiness standards for aircraft engines
- AP-35 Airworthiness standards for aircraft propellers
- AP-36 Standards for noise in the vicinity of airports

Aircraft airworthiness certificates are issued and renewed in accordance with the regulatory documents of the State Aviation Inspectorate of the Republic of Tajikistan, which are in turn based on the regulations in force in the Republic.

#### **Special Conditions**

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Republic of Tajikistan handles information on Airworthiness Directives by means of the communications channels listed in Section A above. In matters of continuing airworthiness, direct links are constantly maintained with the equipment manufacturers, designers and maintenance organizations located in the Russian Federation.

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There is also a system for the exchange of continuing airworthiness information based on recommendations developed within the Interstate Aviation Committee as a result of accident investigations.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

A system has been set up using the available communications channels to exchange information with the Russian Federation and Ukraine only, since they are the designers and manufacturers of the aviation equipment operated in the Republic of Tajikistan.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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THAILAND 1

# A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Airworthiness Division – Flight Standards Bureau Department of Civil Aviation 71 Soi Ngarmduplee Rama IV Road Thung Mahamek Sathorn, Bangkok 10120 Thailand

Telephone: + (662) 286 0923 Facsimile: + (662) 286 2913 AFTN: VTBAYAYE

E-mail: bbunlop@aviation.go.th

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Adopted and incorporated by reference the Airworthiness Code established by another States:

Thailand has elected to adopt by reference the airworthiness regulation as specified in US 14 CFR Part 21, 23, 25, 27, 29, 31, 33, 35 and 36 or equivalent.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

In accordance with the Department of Civil Aviation announcement regarding Airworthiness Directive (AD) dated 2 July 2007, ADs issued by the State of Design are mandatory for all Thai-registered aircraft. Equivalent documents issued by Type Certificate holder such as mandatory Service Bulletins, mandatory modifications and mandatory inspections are also mandatory.

Department of Civil Aviation Thailand (DCA Thailand) may issue an AD whenever an unsafe condition of a product might exist or develop in other products of the same Type Design, and the State of Design shall be informed of these ADs. All ADs issued by DCA Thailand are sent to the affected operators and owners by letter, fax or by reference to DCA internet website depending on the urgency of the matter.

Owners and/or operators of Thai-registered aircraft are responsible to access to the current AD database through the State of Design website. Nevertheless, they may subscribe to an AD information service provided by an accredited agency.

DCA Thailand ensures that all applicable ADs are complied with by the owners or the operators of all Thai-registered aircraft by means of airworthiness inspection and regular surveillance of maintenance records.

THAILAND 2

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Owners and/or operators of Thai-registered aeroplanes with a maximum take-off mass of 5 700 kg or above or helicopters with a maximum take-off mass of 3 175 kg or above, AOC holder and Repair Station Certificate holder approved by DCA Thailand are to submit the service difficulty report of any faults, defects and malfunction in accordance with the procedure detailed in Civil Aviation Board Regulation No. 78 and the Department of Civil Aviation announcement regarding Service Difficulty Reporting System dated 19 June 2008.

All reports must be submitted to DCA Thailand before 9:00 am of the next working day from the time the service difficulty was first discovered. The system also requires all operators to inform the Type Certificate holder and/or Production Approval Holder about these difficulties. DCA Thailand will review these reports and, as required, inform the State of Design.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

For technical information with regard to engineering aspect of aircraft:

Aircraft Engineering Division – Flight Standards Bureau Department of Civil Aviation 71 Soi Ngarmduplee Rama IV Road Thung Mahamek Sathorn, Bangkok 10120 Thailand

Telephone: +(662) 286 2374 Facsimile: +(662) 286 2913

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## A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Administration Airworthiness and Register Department Dame Gruev 1 1000 Skopje Republic of Macedonia

Telephone: + (389 2) 11 4046 Facsimile: + (389 2) 11 5708 SITA: SKPXXYF AFTN: LWSKYAYX

E-mail: airworthiness@dgca.gov.mk

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

Aviation Act, enacted in 1986 and amended in 1988, 1989 and 1990, O.G. of the Socialist Federal Republic of Yugoslavia (SFRY) 45/86, 24/88, 80/89 and 29/90.

Book Regulations regarding the type Certification of Aircraft, Engine, Propeller, parachute, Free Balloon, Paraglider and Aircraft Equipment, 1988, SFRY O.G. No. 54/88.

Book of Regulation regarding Procedures, Methods and Requirements for Aircraft Airworthiness, 1980, SRY, O.G. No.35/80 and O.G. 15/99.

Book of Regulations regarding Equipment and Instruments to be Built in an Aircraft Depending on the Category and Purpose of an Aircraft, 1984, SFRY O.G. No.59/84.

#### **Special Requirements**

(Also, see the United States Federal Aviation Administration Advisory Circular 21-2 (latest issue) for special conditions).

In order to be eligible for certification and registration in the Republic of Macedonia aircraft should be covered with following documents:

- 1. Documents Concerning the Type Certificate:
  - a) a copy of the Type Certificate for the aircraft type;
  - b) a copy of the Type Certificate Data Sheet;
  - c) summary of flight test reports for aircraft type certification, with expanded flight test list;
  - d) noise certificate;
  - e) gas emission certificate;
  - f) three view drawings of the major assemblies, installations and primary structure;
  - g) summary of stress analyses for principal structural elements, their design loads, dimensions, materials, stresses, and safety margins, or summary of static test reports performed for aircraft type certification;
  - h) summary of vibration test report;

- i) list of reports and notes prepared to aircraft type certification;
- j) a copy of information or instruction necessary for the assembly and rigging of the aircraft, if the aircraft will be exported unassembled;
- k) manufacturer's maintenance requirements;
- 1) a list of time/cycle limits for hard life TBO: aircraft, engines, propellers, rotables;
- m) the aircraft emergency equipment installation bulletin;
- n) the passenger attention and emergency placards bulletin;
- a list of the necessary special tools and equipment essential to the inspection and maintenance of the aircraft, its engines, propellers, and principal accessories and other equipment;
- p) maintenance and service, overhaul and repair manuals applying to the aircraft, engines, propellers, or to the equipment installed on the aircraft one each;
- q) a separate parts catalogue for the aircraft, the engines, the propellers, and the principal accessories and other equipment;
- r) one copy of the following manuals:
  - Aircraft Flight Manuals-AFM, which should contain: limitations, normal, abnormal and emergency procedures as well as performance;
  - Flight Crew Operating Manual;
  - Wiring Diagram Manual;
  - Weight and Balance Manual.
- s) all manufacturers' Service Bulletins;
- t) a written statement by an authorized representative of the manufacturer that Macedonian CAA, Dame Gruev 1, 1000 Skopje Republic of Macedonia, will be continuously finished with all pertinent information, notification of modifications, service bulletins, etc, and notification of any change in such documents, to guaranty the maintenance of an acceptable airworthiness level for the aircraft.

*Note.*— One copy of the above documents must be forwarded to the Macedonian DGCA in advance or with imported aircraft, if no Macedonian standard Airworthiness Certificate was issued for the aircraft of that type prior to the time of aircraft importing, or if Macedonian standard Airworthiness Certificate has been issued, but above mentioned documents have not been forwarded to Macedonian DGCA.

#### 2. Documents required for each individual new aircraft:

- a) an export Certificate of Airworthiness, noise, fuel venting and exhaust emissions;
- b) manufacturer's production control and test report for individual aircraft;
- c) manufacturer's production flight test report, including a flight test check list utilized when testing the aircraft (two copies);
- d) a weight and balance report with records containing a complete inventory of all equipment and instruments (two copies);
- e) manufacturer's test report for the engines and propellers (two copies);
- f) a list of modifications that have been incorporated during production of aircraft, engines and propellers (two copies);
- g) a list of historical records of the aircraft, engines and propellers (summary of operating hours);
- h) last engines run-up report, not older than 10 days;
- i) delivery declaration with aircraft specification containing: data of engines, propellers, their rotables including the aircraft ones and the equipment installed; flight data recorder, emergency equipment, radio and electrical equipment with following characteristics, model, capacity, frequency, operating instructions, etc. Manufacturer's serial number and summary operating hours must be given for each listed item (two copies);

- j) one copy of the document listed under 1(h) through 1(q). These documents, which are intended for the purchaser, are required only for first aircraft imported for certain purchaser. For each additional aircraft same type, imported for the same purchaser, all these documents are not required, except flight manual and flight crew operating manual. For these aircraft, the number of each required manual should be determined through the contract between aircraft exporter and purchaser;
- blanked of authorization for ferrying aircraft to make export delivery, issued from airworthiness authority exporter's country, if aircraft will be exported to Macedonia via flyaway. The use of aircraft communication transceivers should be also permitted by this document, or by separate ones;
- Macedonian Certificate of Registration and Macedonian Certificate of Airworthiness, if aircraft is intended for export to Macedonia via flyaway with Macedonian registration and nationality markings. Mentioned Macedonian certificates will be issued after basic airworthiness inspection, as defined in Macedonian law. Macedonian registration and nationality markings shall be property displayed on the aircraft before inspection.
- 3. Documents required in addition to those specified under item 2, for each individual used aircraft:
  - a) Airworthiness Directive (AD) status performed on aircraft, list and documents (two copies);
  - b) a summary of aircraft, engine and propeller modifications, performed during past use;
  - c) a report of past maintenance and overhaul inspection with a summary of technical data, date, and the operating hours since last inspection of each type (two copies);
  - d) a report of non-routine work performed on aircraft after failures and damages, list and documents;
  - e) aircraft logbook with notified: summary operating hours, number of landings, aircraft historical data concerning technical accidents and accidents, major repairs, periodical inspections, and overhauls;
  - f) engine and propeller logbooks with notations: summary operating hours, number of cycles, and historical data listed above under item 1 e);
  - g) acceptance flight test report (two copies);
  - h) limitation for next overhaul, or part of overhaul (in flight hours and in calendar periods) for aircraft, engines, and propellers (two copies);
  - i) documentation on aircraft system reliability and statistical data on failures, and aircraft technical daily report book, for the past three months of regular use;
  - j) previous owner's maintenance manual with current maintenance schedule (two copies);
  - k) maintenance and overhaul work cards;
  - aircraft and powerplant functional test procedures, if not conducted in work cards or in maintenance manual;
  - m) maintenance agreement, if aircraft is leased;
  - n) a copy of radio license;
  - o) a certificate of deregistration.

Note.— Documents listed above, under item 3 j), k) and l), required only for first aircraft type imported for each purchaser. Documents specified under items 2 and 3 must be furnished with imported aircraft. They are intended for the purpose of both, DGCA and purchaser. All documents specified under these requirements must be issued or approved by airworthiness authority of the manufacturer's country.

## C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

#### **General Case**

When the Civil Aviation Administration of the Republic of Macedonia considers that action is required to maintain airworthiness at the level of safety specified in the certification, the mandatory nature of such action is confirmed by the issue of an AD.

The ADs specify among other things, the type of products (aircraft, engine, propeller) and appliances involved, the nature of the inspections, modifications to be carried out or the limitations to be complied with and the time limits for compliance.

The ADs are mandatory and, pursuant to the provisions relating to the issue and continued validity of the Certificate of Airworthiness, the aircraft concerned is not airworthy unless it has fully and satisfactorily complied with the Directives within the time limits specified.

#### Aircraft of foreign manufacturer

Unless otherwise decided by the Civil Aviation Administration of the Republic of Macedonia, the ADs issued by the State of Manufacture e.g. the ADs of the United States FAA, apply in respect of the aircraft concerned that have been entered on the Macedonian Register, These Directives are furthermore systematically reissued in the form of Macedonian Airworthiness Directives whenever they affect several Macedonian users.

It is the responsibility of the owner/users of the aircraft to procure from the manufacturer the technical information required for compliance with the ADs.

Moreover, the Civil Aviation Administration of the Republic of Macedonia may decide, in the light of the information gathered and the situation in Macedonia, that certain measures that have not been or will not be considered as ADs by the Airworthiness Authorities of the State of Origin shall become mandatory in Macedonia. These measures are therefore the subject of ADs within the terms specified above, bearing in mind the usual applicability conditions;

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

National laws require operators of aircraft on the Macedonian register to report faults, defects and malfunctions affecting the airworthiness of the aircraft.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There are no organizations responsible for the Type Design of a particular aircraft type within the Republic of Macedonia.

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TOGO 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate of Civil Aviation B.P. 2699 Lomé Togo

Telephone: + (228) 263740, + (228) 2265574 Facsimile: + (228) 260860, + (228) 2265574

AFTN: DXXXYAYX E-mail: latta@togo-imet.com

Responsibility for certification with a view to issue or renewal of Certificates of Airworthiness has been contracted to Bureau Veritas by virtue of Order No.001/MTRH/DAC of 28 March 2000.

Bureau Veritas 01 BP 1453 Abidjan 01 Cote d'Ivoire

Telephone: + (225) 202 11570, 20224509

Facsimile: + (225) 20227715

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

Togo's regulations relating to procedures for the issue or renewal of Certificates of Airworthiness are contained in Order No. 002/MTRH/DAC of 28 March 2000. Those regulations comply with the ICAO Standards contained in Annex 8 — *Airworthiness of Aircraft* to the Chicago Convention.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) issued by manufacturers are received by Bureau Veritas, which distributes them to aircraft operators.

The Directorate of Civil Aviation also receives the ADs, which operators are free to consult at the Directorate library.

With regard to exchange of information concerning ADs, the Directorate of Civil Aviation directly contacts the State that issued the Type Vertificate of the concerned aircraft.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Operators notify DAC of faults, defects and malfunctions and it is responsible for transmitting that information to manufacturers.

TOGO 2

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

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TONGA 1

#### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Civil Aviation Queen Salote Road PO Box 845 Nuku' alofa Tonga

Telephone: +676 24144

 $+676\ 24045$ 

Facsimile: +676 24145

E-mail: afaletau@mca.gov.to
URL: http://mca.gov.to
Cable: CIVILAIR
AFTN: NFTFYAYX

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

No information provided.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

TRINIDAD AND TOBAGO 1

# A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Authority Golden Grove Road Piarco Republic of Trinidad and Tobago

Telephone: + (1868) 669 4302 Facsimile: + (1868) 669 5397 AFTN: TTPSYAYX E-mail: ttcaa@tstt.net.tt

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

- BCAR
- JAR
- FAR
- CAR

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

No information provided.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

TUNISIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministère du Transport Direction Générale de l'Aviation Civile Direction du Personnel Aéronautique et du Matériel Volant Sous-Direction du Matériel Volant 1, Rue d'Athènes - 1001 Tunis Tunisia

Telephone: +216-1-893659/893825 Facsimile: +216-1-230225/794227

RSFTA: DTTVYAYX SITA: TUNXYYA Telex: 13545 CIVIAC TN

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### Airworthiness Code(s)

The airworthiness regulatory framework consists of a set of texts (decree, order and circulars), which are currently under review.

The current framework includes the following texts in particular:

- Decree No. 59-201 of 4 July 1959 governing air navigation;
- Order of 15 April 1965 concerning airworthiness provisions for civil aircraft.

Implementation circulars concerning the conditions and procedures for renewing Airworthiness Certificates have been sent to the operators.

#### **Special Conditions**

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Since Tunisia is not an aircraft manufacturer, Airworthiness Directives (ADs) are not issued.

The Directorate General of Civil Aviation receives ADs from the various manufacturing States and circulates them to the aircraft operators in the form of transmissions entitled "airworthiness information" containing the material concerned, the number of the AD and dates when it was issued and enters into force.

Furthermore, and for the continuing airworthiness of aircraft registered in Tunisia, the Directorate General of Civil Aviation has set up a system to monitor the implementation of the ADs issued concerning the aircraft and/or aircraft equipment.

TUNISIA 2

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

#### **Operations:**

A reminder circular dated 10 October 1994, concerning aircraft operations, inviting operators to inform the Directorate General of Civil Aviation immediately of any incident, outage, malfunction or defect noted on an aircraft or aircraft element which it is operating and such as to jeopardize the aircraft's airworthiness.

By the way of guidance, examples of defects which must be reported are given in Appendix A.

#### Aircraft maintenance:

No information provided.

With regard to aircraft maintenance, the Directorate General of Civil Aviation issued a circular dated 16 November 1995 inviting aircraft operators to set up in each maintenance shop and for each activity sector (airframe, engines and equipment) a register of directives which defines the relations between the technical inspectors and the operators. The inspectors are required to record their orders and any comments in this register. The operator will record the action taken on those orders in the same register.

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/
THE CONTINUING AIRWORTHINESS OF AIRCRAFT

TURKEY 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate General of Civil Aviation Bosna Hersck Caddesi No.5 06338-Limek-Ankara Türkey

Telephone: + 90 312-215 0962 Facsimile: + 90 312-212 46-84 Telex: 44659 CAA TR AFTN: LTAAYAYX SITA: ANKYXYA

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

- Civil Aviation Act 2920
- SHT21.01 R1
- JARs (where applicable)

#### **Special Conditions**

No information provided.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The Turkish DGCA requires operators to apply Airworthiness Directives issued by the authorities of the manufacturers and supervises such application.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Serious defects, faults and malfunctions encountered by the aviation industry in Turkey are directly reported by the operators to the Turkish DGCA and manufacturer. The Turkish DGCA reports such occurrences to the authority of the State of Manufacture and ICAO, if necessary.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

There are no design and production organizations in the civil aviation industry of Turkey. However, Turkish Aerospace Industries (TAI) has recently initiated work on the establishment of such organizations in Turkey which is still in the experimental stage.

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TURKMENISTAN 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Technical Operations and Airworthiness Division Turkmenhowayollary State National Service 3A, Chary Nurymova Street 744000 Ashgabat Turkmenistan

Telephone: (993-12) 51 01 54; 35 58 77

Facsimile: (993-12) 35 44 02 Telex: 228118 AKHAL RU

SITA: ASBTCT5 AFTN: UTAAYAYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### Airworthiness Standard(s)

Airworthiness standards adopted for issuing or validating a Certificate of Airworthiness:

The Aviation Regulations of Turkmenistan include airworthiness standards developed by the Interstate Aviation Committee (IAC) and put into effect in Turkmenistan:

- Aviation Regulation 21: Certification Rules for Aviation Production
- Aviation Regulation 23: Airworthiness Standards for Normal Aeroplanes
- Aviation Regulation 25: Airworthiness Standards for Transport Aeroplanes
- Aviation Regulation 29: Airworthiness Standards for Transport Rotorcraft
- Aviation Regulation 33: Airworthiness Standards for Aeroplane Engines
- Aviation Regulation 35: Airworthiness Standards for Aeroplane Propellers
- Aviation Regulation 36: Standards for Noise at Airports

Airworthiness certificates for civilian aircraft are issued by the Turkmenhowayollary State National Service on the basis of the "Rules for State Registration of Civilian Aircraft" adopted in accordance with Decree No. 3713 dated 25 May 1998 by the President of Turkmenistan."

#### **Special Conditions**

In accordance with Articles 24, 25, 26 and 27 of the Air Code of Turkmenistan, civilian aircraft imported to Turkmenistan may be operated if it has been determined that they meet the Turkmenistan State requirements.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) issued by the State of Manufacture usually have mandatory status for aircraft registered in Turkmenistan.

ADs are issued directly to operator or owners of specified aircraft in the form of instructions.

TURKMENISTAN 2

Thereafter, the Technical Operations and Airworthiness Division of the Turkmenhowayollary State National Service shall regularly check for corresponding compliance with the ADs.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

International notifications concerning the facts of aviation accidents, defects and malfunctions shall be made primarily by means of facsimile or through the electronic mail and standard mail services of the regular postal service after determining the degree of urgency of notification.

In the event of an aviation accident, the Turkmenhowayollary State National Service shall determine the form of notification to the State of Manufacture.

Aeroplane operators are required to inform the Turkmenhowayollary State National Service of operational faults or malfunctions during servicing according to State regulation.

Aircraft operators are required to send monthly reports to the Turkmenhowayollary State National Service about serious operational faults, defects or malfunctions during servicing, and about regular checks.

These reports will be assessed by Turkmenhowayollary State National Service and decisions shall be made in cooperation with the relevant authorities, the manufacturer, and operators.

If necessary, the Turkmenhowayollary State National Service will inform the authorities of the State of Manufacture and ICAO of such cases.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Turkmenistan does not have any designers of specific types of aeroplanes.

UGANDA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Authority Directorate of Air Navigation and Regulatory Services P.O. Box 5536 Kampala Uganda

Telephone: +(256) 041-320486/320375

Facsimile: +(256) 041-320964

Cable: CIVILAIR AFTN: HUENYAYX

Telex: 61508 CAA UGANDA E-mail: caadanrs@africaonline.co.ug

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Airworthiness requirements of Uganda Doc. CAA 006 plus Airworthiness requirements of manufacturing States particularly United States (FARs) and European Union (JARs).

#### **Special Conditions**

The Airworthiness Authority of Uganda may impose special conditions if necessary in consideration of safety level maintenance.

Uganda Civil Aviation Authority shall impose special conditions to importation of aircraft as follows:

# A) Importation of aircraft a type of which a Certificate of Airworthiness has not been issued by the Authority:

- a copy of the Type Certificate data sheet, Supplementary Type Certificate, aircraft type specification;
- a current standard and/or Export Certificate of Airworthiness;
- a copy of Certificate of Registration if applicable;
- a statement of compliance with all mandatory modification, Airworthiness Directives (ADs) and Service Bulletins (SBs);
- a full set of ADs and SBs instructions, letters and modification sheets issued by the manufacturers of the airframe, engine(s), propeller(s) and other equipment;
- a complete amended set of the following manuals:
  - o flight manual
  - o maintenance manuals
  - o maintenance schedule
  - o overhaul manual
  - o wiring diagram manual
  - o illustrated parts catalogues
  - o repair manual
  - o operations manual
  - o copy of the weight and balance report;

UGANDA 2

- o a copy of the Master/Minimum Equipment List;
- o a copy of aircraft radio station license or certificate;
- o certificate of flight test and a copy of flight test report;
- o compass swing record;
- o a copy of deregistration certificate if applicable;
- o a copy of bill of sale or lease agreement;
- o arrangements of type training on the aircraft for Civil Aviation Authority inspectors;
- o the aircraft shall be made available to the Civil Aviation Authority for survey at a suitable time and for such a period as necessary.

# B) Importation of aircraft a type of which a Certificate of Airworthiness has already been issued by Uganda Civil Aviation Authority:

- requirements mentioned in A), above;
- up-to-date record of the maintenance history including log books for airframe, engines, propellers, APU acceptable to CAA;
- deregistration certificate;
- a record of all time controlled items;
- a record of total airframe hours and total landings;
- a record of total engine hours and cycles;
- a record of overhauls and major checks carried out;
- a record of aircraft accidents and incidents if any;
- an approved maintenance schedule or maintenance programme.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Uganda, having no manufacturing facilities, does not issue its own Airworthiness Directives (ADs).

ADs issued by States of Manufacture are mandatory for the various aircraft respectively whilst on the Uganda register.

#### Methods of ensuring conformity and promulgation

Compliance is constantly monitored by airworthiness surveyor/inspectors through surveillance and inspections.

All approved maintenance organizations are required to ensure that there is appropriate mailing arrangements for the receipt of ADs applicable to the aircraft for which they are responsible.

Statement of compliance of all Directives is a Certificate of Airworthiness issue and renewal requirement.

Presently, Uganda Civil Aviation Authority depends on the ADs and Service Bulletins received from manufacturing State authorities and manufacturing companies respectively.

The ADs are disseminated by airworthiness inspectors, they are duplicated and copies are availed to the operators as soon as possible.

Compliance is constantly monitored by airworthiness inspectors through surveillance and inspections.

Certificates of Airworthiness are not renewed unless all applicable ADs have been complied with.

UGANDA 3

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Any approved maintenance organization, air operator certificate holder, aircraft operator/owner must report accidents, incidents, failures and malfunctions on aircraft engines, propellers and accessories if the airworthiness of the item in question is affected.

The aeronautical authority investigates the reports received and where necessary, communicates with the manufacturer for whatever technical action is required.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

None.		

UKRAINE 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Ministry of Transport and Communications of Ukraine State Aviation Administration 14 Peremogy Ave. 01135, Kyiv Ukraine

Telephone: + (38) 044 461-54-01 Facsimile: + (38) 044 486-92-92 Web: www.avia.gov.ua E-mail: vdz@avia.gov.ua

#### Mailing address:

14 Pr. Pobedy 252135 Kiev Ukraine

The operational unit within the State Aviation Administration that bears the primary responsibility for continuing airworthiness is the Continuing Airworthiness Department, which reports to the Deputy Chairman for the technical regulation of civil aviation.

Telephone/Facsimile: + (38) 044 461 51 50 E-mail: airworthiness@avia.gov.ua

# B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

The civil aircraft airworthiness standards of the former Union of Soviet Socialist Republics:

- NLGS-2 and NLGS-3 for civil aeroplanes
- NLGV-2 for civil helicopters

Airworthiness standards developed by the Interstate Aviation Committee (IAC) carried into effect in Ukraine:

- AP-23 for light category aeroplanes
- AP-25 for transport category aeroplanes
- AP-27 for normal category rotorcrafts
- AP-29 for normal category rotorcrafts
- AP-33 for aircraft engines
- AP-35 for propellers
- AP-VD for auxiliary power units

#### **Associated requirements**

Environmental protection:

Annex 16 — Environmental Protection to the Convention on International Civil Aviation

UKRAINE 2

#### **Associated procedures**

- APU-21 (Subpart A, B, C, D, E) Aviation products certification procedures
- Rules of Issue of Airworthiness Certificates for civil aircraft of Ukraine

Civil aircraft imported in Ukraine may be permitted to operate if it is established they meet the national requirements of the State of Manufacture and additional airworthiness technical conditions set by Ukraine. It is thus ensured that aircraft types imported into Ukraine meet the airworthiness standards in force in Ukraine.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) are issued in accordance with aviation regulation APU-39 "Airworthiness Directives" and the "Procedures of issue, applicability and implementation control of the Airworthiness Directives".

#### ADs are based on:

- analyses results of the flight safety and operation experience;
- AD or equivalent document issued by the Foreign Aviation Administration of the State of Design;
- Service Bulletin or other information received from the State of Design of Aeronautical Products directed to ensure flight safety.

#### ADs are sent to:

- registered owners of aircraft in Ukraine;
- operators of aircraft in Ukraine;
- enterprises and organizations which perform operation, maintenance, repair, modification of the aeronautical products in Ukraine;
- interested persons in Ukraine;
- State Aviation Administrations of foreign States that operate aviation products for which Ukraine is the State of Design;
- organizations which are responsible for Type Design and to the Aviation Administrations of the States of Design for imported aeronautical products if the AD was issued by the State Aviation Administration based on own experience.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Current Ukrainian Defects Reporting System is based on the following regulations:

- Rules of Certification of Air Operators (Order No. 684 of SAA dated 20 September 2005);
- Rules of Certification of the Maintenance Organizations (Order No. 205 of the Ministry of Transport dated 29 May 1999);
- Guidance for Airworthiness Information Exchange and Usage, implemented by the Order No. 198 of the State Department of Aviation Transport dated 8 November 2000;
- Order No. 317 of the State Department of Aviation Transport dated 1 July 2003 "Adoption in Ukraine of the System of Collecting, Record Keeping and Analyzing of the Information on Aeronautical Products Reliability".

UKRAINE 3

The abovementioned documents prescribe to operators and to maintenance organizations to send information about defects and malfunctions that have occurred to the SAA and to Design/Manufacturers Organizations for analysis and corrective actions to prevent unsafe conditions in future preparation.

A special form "Malfunction Record Keeping Card" must be used for record keeping and reporting of such information.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

For all types of Äntonov" aeroplanes:

Antonov Aeronautical Scientific/Technical Complex 1 Tupolev St. 03062 Kyiv Ukraine

UNITED ARAB EMIRATES 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

General of Civil Aviation Authority (GCAA) Department of Flight Safety Airworthiness Section P.O. Box 6558 Abu Dhabi United Arab Emirates

Telephone: 9712 444 7666 Facsimile: 9712 405 4402

E-mail: atmuae@emirates.net.ae

AFTN: OMAEYFYX

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

UAE Civil Aviation Regulations (CARs), Part V

#### **Special Conditions**

As required by UAE CARS Part V, Certificate of Airworthiness validation is based on aircraft manufactured in accordance with the United States FAR and JAR type.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives from the State of Manufacture are mandatory according to UAE CARs, Part V.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Reporting is mandated according to the CARs, Part V, Chapter 4.

Airworthiness Notice No.20 (Mandatory Occurrence Defect Reporting – MODR), provide necessary guidance.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No organization responsible for Type Design in UAE.

UAE CARs, Part V, and the GCAA Department of Flight Safety Services (DFSS) Procedure Manual, Volume 4 — Airworthiness Procedures, have provisions for accepting design organizations with the condition that the State of the Design organization has an Airworthiness Engineering Division capable of conducting Regulatory Safety Oversight.

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### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Authority Safety Regulation Group Airworthiness Division Aviation House Gatwick Airport South West Sussex RH6 0YR

Telephone: +44 (0) 1293-573081 Facsimile: +44 (0) 1293-573930 Telex: 878753 SRG CAA

AFTN: YAYX

The United Kingdom has notified ICAO that under the provisions of Regulation (EC) 216/2008 on common rules in the field of civil aviation and establishing a European Aviation Safety Agency (EASA), that EASA is now the United Kingdom Government's authorized agent for those aircraft on its register, which are described in the above EC Regulation, for fulfillment of its obligation as State of Design or Manufacture, as specified in Part II of Annex 8 — *Airworthiness of Aircraft* to the Convention on International Civil Aviation. EASA regulations have been adopted and applied.

It should be noted that there are two separate and distinct cases: the case of aircraft that are within the EASA remit and the case of Annex II aircraft as defined under Article 4(4) of Regulation (EC) No. 216/2008. Those Annex II aircraft which have received an ICAO Annex 8 certificate, continue to be the responsibility of the United Kingdom national aviation authority, the Civil Aviation Authority (CAA), for the purposes of Part II of Annex 8 to the Convention on International Civil Aviation.

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s) applicable to all aircraft:**

• CS-22 Seaplanes and Powered Sailplanes

CS-23 Normal, Utility, Aerobatic, and Commuter Category Aeroplanes

CS-25 Large Aeroplanes
 CS-27 Small Rotorcraft
 CS-29 Large Rotorcraft
 CS-APU Auxiliary Power Units
 CS-AWO All Weather Operations

CS-E EnginesCS-P Propellers

• CS-VLA Very Light Aeroplanes

• CS-Definitions Definitions and Abbreviations

Reference should be made to the EASA website at:

• http://www.easa.eu.int/ws\_prod/g/rg\_certspecs.php

#### Airworthiness Code(s) applicable to Annex II aircraft only:

- BCAR Section Q Non-Rigid Airships
- BCAR Section S Small Light Aeroplanes
- BCAR Section T Light Gyroplanes
- BCAR Section R Radio
- BCAR Section A
- BCAR Section B

#### Special conditions applicable to EASA aircraft:

Reference should be made to Part-21A, 16B of the Annex to Regulation (EC) No. 1702/2003. The Special Conditions are part of the EASA certification basis.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

#### EASA aircraft

The methods of handling Airworthiness Directives (ADs) (or their equivalent) and exchange of information: Part-21A.3B of the Annex to Regulation (EC) No. 1702/2003 and EASA AD policy that can be found at http://www.easa.europa.eu/ws\_prod/c/doc/Working\_Procedures/.

In addition, EASA AD publication tool that can be found at:

• http://www.easa.europa.eu/ws\_prod/c/c\_awdir.php

#### **Annex II aircraft:**

The methods employed by the United Kingdom for handling ADs are described on the CAA website at http://www.caa.co.uk/ads.

# D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

#### **EASA** aircraft

Details of systems for the reporting of information on faults, defects and multifunctions: Parts-21A.3 of the Annex to Regulation (EC) No. 1702/2003, part MA, 202; Part-145.A.60 of the Annexes I and II to Regulation (EC No. 2042/2003; EU-OPS.420 of Annex III to Regulation (EC) No. 3922/1991 and AMC 20-8.

#### Annex II aircraft

The system employed by United Kingdom CAA for the reporting of information on faults, defects and malfunctions is the United Kingdom Occurrence Reporting Scheme – see Air Navigation Order Article 142.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

#### **EASA** aircraft

Name and addresses of design organizations: please refer to EASA web-site page that lists the DOA: http://www.easa.europa.eu/ws\_prod/c/c\_orgapprodoa\_doa.php.

Aviation Trader ATL 98 Carvair	Aviation Traders Ltd Building 105 Bournemouth International Airport Christchurch Dorset BH23 6NW
AVRO XIX DH82 (Tiger Moth) Variants DH89a Rapide Series DH104 Dove DH114 Heron DHC-1 Chipmunk Scottish Aviation Bulldog	De Havilland Support Ltd Building 123 Duxford Airfield Duxford Cambridgeshire CB2 4QR
British Aerospace ATP Series BAe 146 and RJ Series HA.748 Jetstream (HP-137) Jetstream 3100 Jetstream 3200 Jetstream 4104	British Aerospace (Operations) Ltd T/A British Aerospace Regional Aircraft Ltd Prestwick Airport Ayrshire KA9 2RW
BAC One Eleven Series	Airbus Ltd New Filton House Filton Bristol BS99 7AR
Britten-Norman Islander Series and Trislander Series	Britten-Norman Aircraft Ltd The Airport Bembridge Isle of Wight PO35 5PR
Scottish Aviation Twin Pioneer	Tenencia Ltd Dakota House Coventry Airport Coventry Warwickshire CV8 3AZ

Short SD3-30 Short SD3-60 Short Skyvan	Bombardier Aerospace PO Box 241 Airport Road Belfast N. Ireland
Slingsby T67 Series	Slingsby Aviation Ltd Ings Lane Kirkbymoorside York YO62 6EZ
Westland Bell 47G-4A Westland Bell 47G-3B-I	GKN Aerospace Services Ltd Lysander Road Yeovil Somerset BA20 2YB

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### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Director General Tanzania Civil Aviation Authority P.O. Box 2819 Dar Es Salaam Tanzania

Telephone: +255 (0) 222115079/2115080/2111951 General lines

+255 (0) 222113178 Direct Line

Facsimile: +255 (0) 222118905

AFTN: HTDQ YAYA; HTDQ YAYS

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

- BCARs
- JARs
- FARs

Additionally requirements stipulated in the TCAA Manual of Airworthiness Requirements and Airworthiness Notices. These have to be complied with.

#### **Special Conditions**

Not being a manufacturing State, the United Republic of Tanzania does not issue Airworthiness Directives (ADs). ADs issued by the State of Manufacture are deemed mandatory by the Tanzania Civil Aviation Authority (TCAA). Similarly a mandatory Service Bulletin (SB) (or equivalent) issued by the manufacturer is deemed mandatory unless specified otherwise by the TCAA.

Operators/maintenance organizations are required to hold up-to-date copies of ADs or manufacturer's SBs. Evidence must be shown to the TCAA by operators/maintenance organizations that there is working arrangements for receiving ADs and SBs applicable to the type of aircraft/equipment they operate. The TCAA maintains up-to-date copies of ADs applicable to aircraft on the Tanzania Register. In case of an alert AD, notification to applicable operators/maintenance organizations is immediately made for compliance.

Certificates of Airworthiness are renewed annually. The certificates cannot be issued or renewed unless there is evidence to indicate full compliance to all applicable ADs and manufacturers mandatory SBs.

The TCAA issues Airworthiness Notices for advising operators/maintenance organizations and personnel on airworthiness issues. The notices are issued in two sections:

- "A" Notices are for general guidance purposes and mostly deal with administrative issues while,
- "B" Notices are directly related to aircraft and airworthiness matters. This section requires certification for compliance at Certificate of Airworthiness issue/renewal.

# C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

When an aircraft enters into the Tanzanian register, the State of Manufacture is informed so that it supplies us with ADs relating to the aircraft. Hence, all mandatory ADs from the State of Manufacture's Airworthiness Authority are also made mandatory in Tanzania as stipulated in DCA Airworthiness Notices A7, A8, A34 and A38 and operators/maintenance organizations are required to subscribe to these documents.

All Mandatory SBs issued by the manufacturer are also made mandatory by us and the operators/maintenance organizations are required to have these bulletins as instructed by TCAA Airworthiness Notices.

When classified as mandatory by the United Kingdom CAA in the form of Mandatory Aircraft Modifications and Inspections, it is also adopted in Tanzania.

When specified in any particular case by the Director General of Civil Aviation of TCAA.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The current Tanzanian system of collecting information on faults, defects, malfunctions and other occurrences which cause or might cause adverse effects on the continuing airworthiness of aircraft is as called for by TCAA Airworthiness Notice A27. The reporting is mandatory and carried out on a reporting form which forms an appendix to this notice. (*Contents of APPENDIX NO. A27*).

Pursuant to ICAO Annex 8, Part II, paragraphs 4.3.4 and 4.3.5, we as a State of Registry have an obligation to inform the State of Design of an aircraft and the manufacturer all information on faults, defects, malfunctions and other occurrences which cause or might cause adverse effects on the continuing airworthiness of aircraft registered in Tanzania.

To undertake our obligation therefore, this notice is promulgated requiring <u>mandatory</u> reporting of information on such faults, defects, malfunctions and failures.

Engineers, owners and operators are now required to report all information on faults, defect, malfunctions, failures and occurrences which cause or might cause adverse effects on the continuing airworthiness of aircraft to the Airworthiness Section of the TCAA.

Defect Report Forms are available from the Airworthiness Section of the TCAA. The format of the form is found as Appendix 1 to this notice (A.27).

All defects, failures, malfunctions, faults and occurrences considered serious or potentially serious should be reported. The following is a general guideline but not limiting of the reporting requirement:

- failures, malfunctions or defect in aircraft or aircraft equipment resulting in the accumulation or circulation of smoke, oil vapour, toxic or noxious fumes in the cockpit or cabin during flight;
- fires and information whether the related fire warning system did or did not function properly during flight. False fire warning;
- engine exhaust system failures or defects during flight that result in damage to adjacent structure or equipment;
- engine shutdowns during flights made necessary by failure, malfunctioning or defect;

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- turbine engine flame-outs during flight;
- malfunction during flight which results in inability to feather or shut down an engine or to control engines or propellers;
- malfunction of fuel system components or loss actuating force while the aircraft is in motion on the ground;
- failures of brake system including fuel jettisoning during flight;
- failure of the aircraft structure:
- the failure or malfunction of any flight control system, flap, slat or spoiler system;
- cracks, permanent deformation or corrosion of aircraft structure which exceed the maximum acceptable limits prescribed by the manufacturer;
- failure, malfunctions or defects in an aircraft or aircraft equipment which result in or affect the use of, emergency procedures, or which are hazardous to the aircraft;
- any excessive unscheduled removals of essential equipment on account of defects;

Note.— "Aircraft equipment" includes all parts of an aircraft other than its basic structure.

The extent of the defect report will obviously vary with the type of incident or defect, but should contain sufficient information of the circumstances and the conditions by which the defect was discovered, as well as full information as to aircraft type, registration and where applicable, component history.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

As there are no designers/manufactures of aircraft in Tanzania, there is no organization responsible for the Type Design. The TCAA, through its Airworthiness Section, evaluates and makes decisions concerning type approvals of the manufacturing State Authority and issues the appropriate Type Certificate validation.

## A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

For receipt and distribution of continuing airworthiness information:

Federal Aviation Administration
Operational Oversight Policy Branch, AIR-140
Continued Operational Safety Policy Section, AIR-141
Post Office Box 26460
Oklahoma City
Oklahoma
United States

Telephone: (405) 954-4103 Facsimile: (405) 954-2209 AFTN: KOEXYA

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

Code of Federal Regulations, Title 14 Aeronautics and space chapter I, Federal Aviation Administration, Department of Transportation, Sub-chapters C and F.

#### **Special Conditions**

Aircraft must be manufactured in a country with which the United States has a Bilateral Airworthiness Agreement, for the acceptance of certificates of airworthiness for imported aeronautical products or a Bilateral Aviation Safety Agreement with Implementation Procedures for Airworthiness.

The aircraft must conform to a Type Design approved by the Federal Aviation Administration (FAA), as specified in the FAA's type certificate data sheet.

The aircraft must be accompanied with a certification from the civil airworthiness authority which certifies that the aircraft conforms to the United States type design and that the aircraft is in a condition for safe operation. The United States import certification requirements are set forth in more detail in 14 CFR part 47 (Aircraft Registration) before a United States Airworthiness Certificate will be issued.

## C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Continuing airworthiness information developed by the United States Federal Aviation Administration (FAA), related to United States manufactured aircraft will consist of:

a) Airworthiness Directives (ADs), which are mandatory corrective action for unsafe conditions, may reference manufacturers' service information documents (e.g. Service Bulletins (SBs) or Alert SBs, etc.). ADs are United States Federal Aviation Regulations, and no person may lawfully operate a United States-registered affected aeronautical product without complying with the terms of the ADs. ADs will contain an applicability statement, compliance time period, and the corrective measures or limitations required. It is not the FAA's practice to issue ADs to regulate maintenance action;

b) Aviation Maintenance Alerts, are published monthly as FAA Advisory Circular (AC) 43-16A. They provide a common communication channel through which the aviation community can economically exchange service experience and thereby cooperate in the improvement of

aeronautical product durability, reliability, and safety. They may be accessed on the Internet at <a href="http://www.faa.gov/aircraft/safety/alerts/aviation\_maintenance/">http://www.faa.gov/aircraft/safety/alerts/aviation\_maintenance/</a>; and

c) Special Airworthiness Information Bulletins (SAIB) are an information tool the United States uses to alert, educate and make recommendations to the aviation community. Please note that SAIBs are for informational purposes <u>only</u> and are not mandatory actions. They may also be accessed on the Internet at <a href="http://rgl.faa.gov">http://rgl.faa.gov</a>.

For United States products, the United States will send ADs to the Civil Aviation Authority in those ICAO Contracting States that have notified the United States that a United States-manufactured aircraft of the make and model affected by the AD is registered in that country. ADs will be distributed by electronic means.

Each ICAO Member State receives paper copies of individual FAA ADs issued for United States products. ADs are published in the Federal Register. Subscription service for the Federal Register is available from:

Superintendent of Documents U.S. Government Printing Office P.O. Box 979050 St. Louis, MO 63197-9000 United States

Telephone: (866) 512-1800 Facsimile: (202) 512-2104

All new ADs are available on the Internet in the FAA Regulatory and Guidance Library (RGL) at website http://rgl.faa.gov. New ADs are published daily;

The Airworthiness Directives Biweekly is published by the FAA on the Internet at <a href="http://rgl.faa.gov">http://rgl.faa.gov</a>, and also available by paid subscription from the United States Government Printing Office. The Biweekly is divided into two major categories – 1) large aircraft, and 2) small aircraft, rotorcraft, gliders, balloons, and airships. Large aircraft are those that have a maximum take-off weight of greater than 12 500 pounds. For further information, contact the Continued Operational Safety Policy Section (AIR-141) of the Operational Oversight Policy Branch (AIR-140) by telephone at (405) 954-4103 or by fax at (405) 954-2209;

All ADs are available at the ICAO Library in ICAO's Montreal Headquarters.

## D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The United States Federal Aviation Administration's (FAA) Service Difficulty Program provides information necessary to achieve prompt and appropriate correction of conditions adversely affecting continuing airworthiness of aeronautical products. Their consolidation in a common data base, analysis of that data, and the rapid dissemination of trends and problems alert the appropriate segments of the aviation community and the FAA to matters relating to air safety. SDRs may be submitted and the database may be queried on the internet at <a href="http://av-info.faa.gov/sdrx/">http://av-info.faa.gov/sdrx/</a>.

Title 14 Code of Federal Regulations, (14 CFR) parts 121.703 and 135.415 titled "Service Difficulty Reports" (commonly called SDRs) require each certificate holder to report the occurrence or detection of each failure, malfunction or defect to FAA Aviation Data Systems Branch (AFS-620)

located in Oklahoma City, Oklahoma within an allotted period of time. Upon receipt, AFS-620 reviews the report for compliance with the applicable rule, technical accuracy, and its completeness.

In addition to the air carrier reporting requirements, certificated repair stations are required to report any serious defects or recurring unairworthy conditions in accordance with 14 CFR part 145.221, "Service Difficulty Reports."

14 CFR part 125.409 requires each certificate holder of an aircraft having a seating configuration of 20 or more passengers or a maximum payload capacity of 6 000 pounds or more when common carriage is not involved, to report the occurrence or detection of each failure, malfunction or defect to the FAA Aviation Data Systems Branch (AFS-620) located in Oklahoma City, Oklahoma or to the website.

The FAA has a successful voluntary program that encourages all persons who operate and maintain aircraft under 14 CFR part 91 to submit malfunction and defect reports to the FAA Aviation Data Systems Branch (AFS-620) located in Oklahoma City, Oklahoma or to the website.

The FAA also publishes the Aviation Maintenance Alerts, FAA Advisory Circular 43-16A. This publication is prepared from information submitted by those who operate and maintain civil aeronautical products. The contents include items that have been reported as significant, but may not be fully evaluated at press time. As additional facts, such as cause and corrective action are identified, the updated data will be published in subsequent issues. This procedure gives Alerts' readers prompt notice of conditions reported via Malfunction or Defect Reports. Alerts may be queried on the internet at http://www.faa.gov/aircraft/safety/alerts/aviation\_maintenance/. The FAA office responsible for Aviation Maintenance Alerts is:

Federal Aviation Administration Flight Standards Service Aviation Data Systems Branch, AFS-620 P.O. Box 25082 Oklahoma City, OK 73125-5029

All reports are stored in a computer data base in Oklahoma City, Oklahoma for retrieval purposes if requested by government authorities or any interested person(s) and/or organizations(s).

To detect adverse trends, the Regulatory Support Division, AFS-600, continually reviews all service difficulty information to detect specific problems and/or developing trends.

In accordance with 14 CFR part 21.3, manufacturers must notify the FAA of any failures, malfunctions or defects of any product, part, process or article manufactured by it that result in certain occurrences. This rule applies to the holders of Type Certificates (including supplemental type certificates), parts manufacturer approval (PMA) holders; holders of technical standard order authorizations, or the licensee of a Type Certificate. Also, 14 CFR part 21.3 lists the occurrences which must be reported. Additional information to assist manufacturers in complying with 14 CFR part 21.3 is provided in FAA Advisory Circular 21-9, Manufacturers Reporting Failures, Malfunctions or Defects. Reports are filed with the Aircraft Certification office that is responsible for managing the Type Certificate.

The FAA Aircraft Certification Service uses service difficulty data to help determine if an Airworthiness Directive is needed to correct an "unsafe condition" as outlined in 14 CFR parts 21.99(a) and 39.1; or to determine if design changes should be requested of the manufacturer for safety improvement, as outlined in 14 CFR part 21.99(b). FAA engineering and manufacturing inspection personnel actively participate in this program to ensure:

- a) the timely finding of type design and quality control deficiencies which may result in unsafe or undesirable conditions; and
- b) that appropriate corrective action is taken.

The FAA Service Difficulty Program has led to many improvements in aircraft safety; such as issuing ADs, revising maintenance programs, improving design criteria, adding or revising airworthiness regulations, etc.

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

For Technical Information:

Federal Aviation Administration Design, Manufacturing, and Airworthiness Division, AIR-100 Washington, D.C. 20591 United States

Telephone: (202) 385-6348 Facsimile: (202) 267-5340

Cable: Commercial: FAA HQS WASHINGTON, DC

AFTN: KRWAYAYX

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### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Directorate General of Civil Aviation - Uruguay Yi 1444 - Montevideo

Telephone: + (1598) 2902 0965;

Inspectorate:

Brig. Gen. Gomez Berisso international Airport, Carrasco

Facsimile: + (1598) 604 0142

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

The Airworthiness Codes in force are Reclamentos Aeronauticos Uruguayos (RAUs) numbers 21, 39, 43, 45, 61, 63, 65, 67, 91, 121, 129, 133, 135, 145, RAUE 36.

Requirements and documentation for the issuance of an initial Certificate of Airworthiness, cases involving importation of new or used aircraft for general aviation.

- Aircraft registration forms, including technical data, made out in triplicate with one copy being submitted to the Department of Airworthiness.
- Request for inspection signed by the owner or operator, submitted with payment of travel allowance and general standard charge.
- Original Certificate of Airworthiness for export.
- Weight and balance sheet: the original and a photocopy of Chapter 6 of the manual.
- Four photographs; two of the front and two of the left side of the aircraft (9 X 13 cm).
- Original log books to be submitted.
- New Uruguayan aircraft and engine log books to be submitted for signature.
- Original flight manual (must be approved by the DGAC);
- List of Airworthiness Directives (ADs) and Service Bulletins (SBs) applicable and complied with.
- List of installed equipment.
- List of components with service life.
- Operating and maintenance manuals, in the case of a new model entering the country.
- For aircraft being imported and for their technical requirements, Form 1016 is added, both for commercial transport and for general aviation.

Note.— Manuals may be submitted in paper, microfiche, cassette, diskette or CD-ROM form.

Technical requirements for documentation of commercial transport aircraft, to be presented by the owner or operator, together with actions necessary to obtain a Certificate of Airworthiness for new aircraft being imported, used aircraft, or foreign-registered aircraft to be authorized for operation by a Uruguayan company for the first time.

Owner:
Registration:
S/N:
Date DGAC analysis begun:
Date completed:
Approved by:

*Note.*— In the case of registration, the owner or operator shall fill out the "registration forms" in triplicate with the technical data requested, and shall submit one copy to the Department of Airworthiness and the others to the National Aircraft Registry.

#### **Documents**

Item		Rec.
1.	Request for inspection, signed and accompanied by appropriate travel allowances	
2.	Presentation to the DGIA of receipt for the airport general standard charge.	
3.	"Type Certificate Data Sheet" for the aircraft and "supplementary Type Certificate", if relevant.	
4.	Aircraft specifications (Ref. D)	
5.	Certificate of Airworthiness for export from the country of the latest registration. Original document.	
6.	Original and one photocopy of the latest weight and balance sheet.	
7.	List of applicable ADs to be implemented in the near future and relevant SBs. (Ref. A).	
8.	Maintenance plans and programmes to be carried out on the aircraft and its engines.	
9.	List of maintenance tasks to be completed at pre-established intervals or times, including: (Ref. C)  - part number (S/N or position, etc.)  - inspection interval  - hours, cycles or date on which the latest was carried out  - workshop in which it was completed  - remaining time in hours, cycles or days  - comments on method of execution (e.g. eddy current, penetrant), or maximum service life, etc.	
10.	Maintenance history of the aeroplane. Present aircraft and engine logs.	
11.	Demonstrate that records have been kept and indicate where they are stored.	
12.	Form 337 for the latest major maintenance work carried out on the aircraft.	
13.	Status of compliance with C.P.C.P. Programme	

14. In the case of an aircraft or model that has not previously been operated under Uruguayan registration, the maintenance manuals, operations manual and flight manual must be submitted to the DGAC. If the aircraft type or model in question has already been operated under an Uruguayan registration, only the operations manual for that aircraft need be submitted, to be returned to the company once the DGAC has compiled the list of operating limitations. 15. Colour photographs of the aircraft (2 from the front, 2 from the left side. 9 x 12 cm in size) 16. Record of the latest check of the altimetry system, VOR and ATC. 17. Note indicating the type of FDR installed and the number and type of parameters recorded. 18. Note indicating the type of CVR installed and operational. 19. Note indicating the type of ELT installed and operational. 20. Any other documentation that the DGAC considers necessary for the individual aeroplane.

#### Documentation to be carried on board

Item		Existing
21.	Certificate of Registration and/or ownership.	
22.	Certificate of Airworthiness.	
23.	Radio station licence.	
24.	Uruguayan aircraft and engine log books.	
25.	MEL and CDL approved by the Uruguayan DGAC.	
26.	Approved operations manual or aeroplane operational specifications.	
27.	Manual of "Quick Reference Checks".	
28.	Approved flight manual.	
29.	Emergency procedures manual.	
30	List of "loose equipment", including emergency equipment, indicating the location of each item in the aircraft.	
31.	List of navigation equipment and avionics installed and operational, including quantity, number, type and manufacturer.	

32. Current navigation charts appropriate to the planned flight route and for any routes along which the flight could reasonably be diverted.
33. Proof of noise certification, as appropriate.
34. Appropriate aviation licences for each member of the crew.
35. Proof of valid insurance coverage, in accordance with Art. 182 of the Aeronautical Code.
36. Copy of crew members' medical certificates.

#### Actions to be taken by operator, with follow-up by DGAC inspectors

Item		Completed
37.	Test flight.	
38.	Complete test of engine performance and power.	
39.	100-hr or other similar inspection.	
40.	Any other action deemed necessary by the DGAC for the particular aeroplane.	

#### Actions to be taken by DGAC inspectors

Item		Completed
41.	Complete general inspection of the aircraft (mechanical elements and avionics).	
42.	Verification of the presence of "loose equipment", including emergency equipment.	
43.	Verification of the presence on board of appropriate log books and manuals.	
44.	Analysis of RTV reports on the aircraft in general (reliability and performance).	
45.	Verification of all signs, as appropriate to the category (passenger, cargo, etc.) (in Spanish if addressed to passengers).	
46.	Verification of aircraft identification (registration, nationality, etc.).	
47.	Verification of emergency instructions and placards on visors, wheel chocks, cargo bay doors, hazardous areas around engines or propellers, etc. (in Spanish if addressed to passengers).	

#### **Abbreviations:**

N/A: Not applicable N/N: Not necessary

PAR: Partial

C/D: With discrepancies

#### FOR THE ENGINES INSTALLED

#### Items To Be Analyzed:

- 1. ADs complied with
- 2. Applicable ADs to be complied with
- 3. 337 from the last maintenance work done
- 4. Appropriate bench test
- 5. Disk Sheet (limited-life components) (Ref. E.)
- 6. RTV reports on the engine (reliability and performance on the aircraft)
- 7. Other documentation attesting to the last major maintenance work done
- 8. Lifetime maintenance history of the engine
- 9. Others deemed necessary by the DGAC for the particular aeroplane.

Documents received by DGAC by (date): \_\_\_\_/\_\_\_/

Position	1	2	3	4
Make				
Model				
S/N				
Item 1				
Item 2				
Item 3				
Item 4				
Item 5				
Item 6				
Item 7				
Item 8				
Item 9				

URUGUAY 6

### Results of the analysis of documents received, including those to be carried on board, and actions taken:

Item	Result	Analysed by
1		
2		
46		
47		

#### Results of the analysis of engine documents received:

Item	Engine 1	Engine 2	Engine 3	Engine 4	Analysed by
1					
2					
3					
4					
5					
6					
7					
8					
9					

#### FOR INSTALLED PROPELLERS

#### Items to be analyzed:

- 1. List of applicable ADs to be implemented in the near future and relevant SBs;
- 2. Form 337 for the latest major maintenance work done;
- 3. Lifetime maintenance history of the propeller;
- 4. Any other documents deemed necessary by the DGAC for the particular propeller.

URUGUAY 7

Documents received by	v the DGCA by (dat	e):	/	/
Documents received b	y mic Doch by (uai	· · · · · · · · · · · · · · · · · · ·		

Position	1	2	3	4
Make				
Model				
S/N				
Item 1				
Item 2				
Item 3				
Item 4				

#### Results of the analysis of the propeller documents received

Item	Propeller 1	Propeller 2	Propeller 3	Propeller 4
1				
2				
3				
4				

General comments on the study of the material required for this form:

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The DGAC of Uruguay, through the Technical Directorate, the Departments of Airworthiness and Operations and the Technical Inspectorate, requires compliance with all ADs for both civil commercial transport and general aviation aircraft, whether issued by the Certification Authority of the State of Manufacture or by the DGAC of Uruguay.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

For failure and defect reporting, operators must use the forms listed in RAUs 121 and 135 and communicate with the DGAC, where each occurrence will be evaluated with a view to taking corrective action, notifying the manufacturer or collecting statistical data.

Accidents and incidents are reported in accordance with the provisions of ICAO and Annex 13 — *Aircraft Accident and Incident Investigation*.

URUGUAY 8

## E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.	

UZBEKISTAN 1

#### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Uzbekistan, State Flight Oversight Inspection 700015 Nukusskaya 73b Tashkent Republic of Uzbekistan

Telephone: + (998-71) 133-43-38 Facsimile: + (998-71) 254-14-82

AFTN: UTTAYAYN

E-mail: technique@UZCAA.UZ

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code(s)**

In The Republic of Uzbekistan, the State requirements for civil aircraft, their engines and equipment are defined by the "Common Airworthiness Code for Civil Transport Aeroplanes of the Member States of the CMEA". The issuance of Type Certificates is delegated to the Interstate Aviation Committee (IAC). Certificates of Airworthiness are issued in accordance with the "Rules for State Registration, Issuance, Extension and Replacement of Certificates of Airworthiness for Civil Aircraft" that have been adopted in Uzbekistan.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

The methods used for handling information on Airworthiness Directives and Service Bulletins and the method of exchanging this information are defined in the "Manual on the Technical Operation and Repair of Aircraft in Uzbekistan's Civil Aviation" (NTERAT GA-97) and the Maintenance Organization Exposition (MOE) of the national airline.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The reporting of information on faults and malfunctions is done according to the procedures set out in the MOE and approved in accordance with the JAR-145 requirements (Certificate No, F-015/E).

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

The Republic of Uzbekistan is not a State of Design of any aircraft type.

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VANUATU 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation Authority of Vanuatu Private Mail Bag 068 Port Vila Vanuatu

Telephone: + (678) 23301/22819 Facsimile: + (678) 23783

E-mail: civav@vanuatu.com.vu

## B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Code**

New Zealand Civil Aviation Rules (adopted by reference).

#### **Special Conditions**

Vanuatu - Civil Aviation Safety Order.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

All operators of aircraft registered in Vanuatu are required to comply with any Directive, or their equivalent, issued by the State of Manufacturer of the aircraft or components.

All AMOs are required to hold current issues of Airworthiness Directives (ADs) issued by the State of Manufacture of the aircraft and also all service information issued by the aircraft manufacturer for all aircraft serviced and maintained by the AMO.

In addition to the above Civil Aviation Safety Orders issued by the CAAV must be complied with.

No summary of ADs is published or issued by the CAAV.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

New Zealand Civil Aviation Rule Part 12 prescribes rules governing the notification, investigation and reporting of occurrences. Preservation of aircraft, its contents and records and provision of statistical data concerning aircraft operations.

VANUATU 2

## E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Vanuatu does not have Type Design capabilities.				

#### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Airworthiness Authority
Sr. Serafin de Araujo Brizuela
Jefe Division de Aeronavegabilidad
Ministerio de Infraestructura
Torre Este, Piso 33
Parque Central - Avenida Lecuna
Caracas 1010, D.F.
Venezuela

Telephone: + (58 212) 509 2266/5092264/2211 Facsimile: + (58 212) 576 4369/574 3035

Cable: CIVILAIR-CARACAS

AFTN: SVCCYGYX

#### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### Airworthiness codes adopted for issue or validation of Certificate of Airworthiness:

The Boliviarian Republic of Venezuela accepts the airworthiness standards of the State in which the aircraft was originally certificated, provided that State is a Contracting State.

#### Special conditions, if any:

Technical prerequisites for incorporating into the fleet aircraft of a make and model that have already been registered in the Bolivarian Republic of Venezuela:

- Certificate of Airworthiness issued by the exporting State;
- List of applicable Supplementary Type Certificates;
- Status of compliance with Airworthiness Directives (ADs) applicable to the aircraft, engines, propellers and accessories;
- Maintenance histories of the aircraft, engines, propellers and accessories;
- Record of major repairs and/or modifications made to the aircraft, engines, propellers and accessories;
- Record of total hours and cycles accumulated by aircraft, engines, propellers and accessories;
- Master Minimum Equipment List, if applicable;
- Approved flight manual and required maintenance manuals.

Technical prerequisites for incorporating into the fleet aircraft of a make and model that is being registered in the Bolivarian Republic of Venezuela for the first time.

In addition to the foregoing material, the following are required:

- Type Certificate or analogous document, with corresponding data sheet:
- List of ADs issued by the State of Manufacture and/or Design.

In addition, the legal requirements of the Department of Aircraft Registry in the Directorate of Civil Aeronautics must be met.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

ADs issued by the aviation authorities of the States of Manufacture of aircraft, engines, propellers and accessories, are mandatory for aircraft registered in the Bolivarian Republic of Venezuela. Furthermore, ADs issued by the Venezuelan aeronautical authority must be complied with. The aeronautical authority also maintains communications with the States of Design and/or Manufacture in order to issue and receive information regarding the continuing airworthiness of an aeronautical product.

All maintenance organizations certificated by the Bolivarian Republic of Venezuela are required to hold copies of the ADs and maintenance and service information issued by manufacturers concerning the aircraft, engines, propellers and accessories that the AMOs are responsible for maintaining.

#### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Any certificated aviation maintenance organization, air operator certificate holder, aircraft owner and/or operator, holder of a Parts Manufacturing Approval (PMA) or a Technical Standard Order (TSO), or holder of a Type Certificate and/or supplementary Type Certificate, must report accidents, incidents, failures and malfunctions or aircraft, engines, propellers and accessories if the airworthiness of the item in question is affected. The aeronautical authority investigates the reports received and, where necessary, communicates with the manufacturer for whatever technical action is required.

## E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

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No information provided.

VIET NAM

#### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Aviation Safety Department Gia Lam Airport Hanoi Viet Nam

Telephone: (84 4) 827 3384 Facsimile: (84 4) 827 1933 SITA: HANCDVN AFTN: VVVVYAYX

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

No information provided.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

No information provided.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

No information provided.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

No information provided.

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YEMEN 1

#### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Civil Aviation and Meteorology Authority (CAMA)
Civil Aviation Sector
P.O. Box 7251
Sofan City
Amran Street
Sana'a
Republic of Yemen

Telephone: + (967) 1 337166 Facsimile: + (967) 1 326811 E-mail: civilaviation@y.net.ye

SITA: SAH111Y Cable: CIVILAIR AFTN: QYSNYUAYX

#### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

#### **Airworthiness Codes**

Yemen Civil Aviation Law No. 12 (1993) - Article 63 to 68.

Yemen Civil Aviation Regulations (YCARs) Part 3, Chapter 2.

CAMA Airworthiness Manual – 2004.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Yemen is not an aircraft manufacturing State, therefore no Airworthiness Directives (ADs)/Service Bulletins (SBs) are issued. CAMA receives ADs/SBs directly from the foreign authorities in hard copy and electronic e-mail.

Operators receive their own ADs/SBs directly from the foreign authorities and implements them as applicable.

CAMA does processing of renewal of Certificates of Airworthiness by conducting proper checks and also makes sure that all ADs and SBs which are applicable to the aircraft registered in Yemen are implemented by the operator.

#### References

145.45: "Maintenance Data" of CAMA's Requirements of Approved Maintenance Organizations (AMOs) as per YCAR – 145.

CAMA Airworthiness Manual – 2004, Part B, Chapter 8.

YEMEN 2

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

National laws require all operators' aircraft on the Yemen Register to report faults, defects and malfunctions affecting the airworthiness of the aircraft within 72 hours after an occurrence.

#### References

YCAR 145.60: Occurrence reporting.

CAMA Airworthiness Manual – 2004, Part B, Chapter 7.

#### E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

This section does not apply as Yemen is not a State of Design.

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ZAMBIA 1

### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Department of Civil Aviation P.O. Box 50137 Lusaka Zambia

Telephone: + (260 1) 251677

+ (260 1) 251728 + (260 1) 251732 + (260 1) 251735

Facsimile: + (260 1) 251841

Telex: ZA 42280

E-mail: aviation@coppernet.zm Cable: "AVIATION" LUSAKA

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

- Zambian Airworthiness Regulations
- Cap 444, s. 4 (1) (f)
- Air Navigation Regulations (ANRs)
- Part III, Reg. 21-Issue, Renewal and Validation of Certificate of Airworthiness

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

Airworthiness Directives (ADs) issued by the State of Design are mandatory. Additionally, the Zambian DCA may issue an AD whenever an unsafe condition of a product might exist or develop in other products of the same Type Design, and the State of Design shall be informed of these ADs.

All ADs are sent to the affected operators and owners by the Zambian DCS by letter, fax, messenger or by reference to an internet website depending on the urgency of the matter.

The Zambian DCA ensures that all applicable ADs are complied with by the owners/operators of all Zambian registered aircraft by means of inspections and regular surveillance of maintenance records in accordance with the Zambian Cap 444 Air Navigation Regulations.

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

The Zambian DCA has established a system which obliges all civil registered aircraft owners/operators, air carriers and Zambian approved repair stations or AMOs to report any faults, defects and malfunctions. Currently, the DCA is designing a Difficulty Reporting System which will flesh out the detailed requirements and procedures for service difficulty reporting.

ZAMBIA 2

# E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT

Not applicable to Zambia.		

ZIMBABWE 1

#### A. NAME AND ADDRESS OF AUTHORITY RESPONSIBLE FOR CONTINUING AIRWORTHINESS

Flight Safety and Standards Civil Aviation Authority of Zimbabwe Box AP 1 Harare Airport Zimbabwe

Telephone: (263 4) 585 101
Facsimile: (263 4) 585 107
E-mail: fchikosi@caaz.co.zw
URL: http://www.caaz.co.zw

Airworthiness Section

Reference: Civil Aviation Act, Part VII, Section 44.

### B. AIRWORTHINESS CODE(S) AND SPECIAL CONDITIONS FOR ISSUE OR VALIDATION OF CERTIFICATES OF AIRWORTHINESS

- 1. Validated.
- 2. Adopted and incorporated by reference to the Airworthiness code established by the State of Design.

Reference: Civil Aviation (Air Navigation) Regulations, Part 5, Section 5.8.

### C. METHODS OF HANDLING AIRWORTHINESS DIRECTIVES (OR THEIR EQUIVALENT) AND EXCHANGE OF INFORMATION

#### **Airworthiness Directives**

No person may operate an aeronautical product to which an Airworthiness Directive (AD) applies, issued either by the State of Design or State of Manufacture or State of Registry for aircraft operated within Zimbabwe except in accordance with the requirements of that AD.

Reference: Civil Aviation (Air Navigation) Regulations, Part 5, Section 5.5.1.3 c).

#### **Unsafe Conditions**

When the Authority determines that an airframe or aeronautical product has exhibited an unsafe condition and that condition is likely to exist or to develop in other products of the same Type Design, the Authority may issue an AD prescribing inspections and the conditions and limitations, if any, under which those products may continue to be operated.

The State of Design shall be informed.

Reference: Civil Aviation (Air Navigation) Regulations, Part 5, Section 5.5.1.3 d).

ZIMBABWE 2

#### **Compliance Mechanism**

The AMO shall be in receipt of all airworthiness data appropriate to support the work performed as required by the Authority, the aircraft/aeronautical product design organization and any other approved design organization in the State of Manufacture or State of Design, as appropriate.

Reference: Civil Aviation (Air Navigation) Regulations, Part 6, Section 6.5.1.8 a).

#### **Exchange of Information**

Not applicable.

The Authority may classify data from another Authority, design organization or manufacturer as mandatory and may require the AMO to hold such data.

Information exchange shall flow between the AMO, Authority, State of Design and/or Manufacture.

Reference: Civil Aviation (Air Navigation) Regulation, Part 6, Section 6.5.1.8 b).

### D. DETAILS OF SYSTEMS FOR THE REPORTING OF INFORMATION ON FAULTS, DEFECTS AND MALFUNCTIONS

Owners or operators of aircraft operating in Zimbabwe shall report to the Authority any failures, malfunctions or defects.

The Authority, if the State of Registry of the aircraft, will submit such reports upon receipt to the State of Design and/or Manufacture.

The Authority, if not the State of Registry of the aircraft, will submit such reports upon receipt to the State of Registry.

Reference: Civil Aviation (Air Navigation) Regulations, Section 5.5.1.4 a), c) and d).

E. NAME AND ADDRESS OF THE DESIGN ORGANIZATIONS RESPONSIBLE FOR THE TYPE DESIGN/ THE CONTINUING AIRWORTHINESS OF AIRCRAFT
