



Civil Aviation Authority of Sri Lanka

AVIATION SAFETY NOTICE

ASN No: 065	Ref No: AWS/2005/02	File Ref: AW/2/4
-------------	---------------------	------------------

- Recipients : 1. Holders of Air Operator Certificates issued by the DGCA
2. Prospective applicants for Air Operator Certificates
3. Approved Maintenance Organisations.
01. Subject : **Airworthiness Directives (AD) Mandatory Modifications / Inspections**
02. Nature : Compulsory
03. Issue No : 01
04. Status : New
05. Effective Date : With immediate effect
06. Validity : Until further notice
07. Contact Person : Inquiries may be directed, preferably by letter to, Assistant Director (Airworthiness), Civil Aviation Authority, No. 64, Galle Road, Colombo 3, Sri Lanka. Telephone: 94 11 2391304.
08. Availability : A copy of this document is available for reference at the technical library of the Civil Aviation Authority. Copies can be collected at reproduction cost.
09. Applicability : All Aircraft registered in Sri Lanka Civil Aircraft Register.
10. Comments : Comments (if any) on the contents of this Aviation Safety Notice may be forwarded to the contact person. However the Aviation Safety Notice will come into effect on the date shown therein notwithstanding any objection or comment made by any person or party unless and until an amendment to the Aviation Safety Notice is issued afresh by the Director General.

11. Notice : Purpose of this ASN is to inform the requirements for compliance procedure of Airworthiness Directives (AD), Mandatory Modifications / Inspections as specified in attachment hereto.
12. Action Required : For strict compliance by all aircraft operators, who have registered their aircraft in Sri Lanka Civil Aircraft Register.
13. Checklist : Not applicable

H M C Nimalsiri,
Director General of Civil Aviation and
Chief Executive Officer

Civil Aviation Authority of Sri Lanka, No. 64, Galle Road, Colombo 03.
Telephone: 94 11 2433213, Fax: 94 11 2440231 E-mail: caasl@sri.lanka.net



AIRWORTHINESS DIRECTIVES (AD), MANDATORY MODIFICATIONS / INSPECTIONS

Requirements contained in this ASN are based on ICAO Annex 8, Part II, 4.3-Information related to continuing airworthiness of aircraft. It is the responsibility to comply with Airworthiness Directives issued by the State of Manufacturer and Directives issued by the DGCA to ensure the continuing airworthiness of the aircraft. The Certificate of Airworthiness of an aircraft registered in Sri Lanka will remain valid only if the Operator maintains the aircraft in compliance with the above requirements.

The purpose of a mandatory modification/inspection is to subject the owner or the operator as the case may be to carry out certain modifications or inspections to rectify unsafe situation/condition/status or any similar matter that affect adversely on the airworthiness of the aircraft and/or accessories and components. The AD as Mandatory Modification/Inspection will prescribe the mandatory actions required for the continued safe operation of the aircraft.

Unless otherwise specified herein, all words, phrases, codes and abbreviations in this document carry the same meaning as defined in the ICAO Doc 8400 – “Codes and Abbreviations”

1. DOCUMENTS RELATING TO CONTINUED AIRWORTHINESS OF AIRCRAFT:

- 1.1 Manufactures generally issue changes to their products in the form of Service Bulletins, Service instructions, Service Letters or other literature to the operators. However these Service Bulletins/Instructions do not automatically become mandatory. Each operator is expected to review all such information received from the manufacturers and based on their experience incorporate same. These may be for better performance of the product, to prevent recurrence of minor defects or improvement in the material of life development etc.
- 1.2 It is imperative that all Operators/Aircraft Maintenance Organisations (AMO) shall be in possession of updated Service Bulletins, Service Instructions, Service Letters and any other document relating to continued airworthiness of aircraft. Operators/AMOs shall be on the mailing list for receipt of amendments to the above documents from the Manufacturers/Design Authorities.
- 1.3 At the time of issue of C of A to a new type of aircraft imported into the country, the operator shall ensure that all Airworthiness Directives issued by the Regulatory Authority of the State of Manufacturer are complied with. A statement in this regard shall be submitted to the DGCA. All repeat inspections mentioned in the Airworthiness Directives may form part of the maintenance inspection schedule.
- 1.4 The DGCA will declare as mandatory Airworthiness Directives/Alert Service Bulletin/Service Bulletins/Instructions/Letters which affect the safety of the aircraft operation. These will be notified to the operator in the form of AD as Mandatory

Modification/Inspections. The operator will comply with the DGCA ADs as Mandatory Modification/Inspection within the period specified by the DGCA failing which the C of A is deemed to be suspended. Further, it shall be the responsibility of the operator to comply with any revisions issued by regulatory Authority of the State of the Manufacturer to the AD or by the manufacturer to the ASB/SB/SL/SI etc.

- 1.5 The DGCA upon receipt of information as Mandatory Modifications from the State of Design will declare them mandatory after assessing the information contained therein. Operators are advised to get copies of such Airworthiness Directives, Mandatory Modifications/Inspections from the Manufacturer or through the Foreign Airworthiness Authorities where these are normally available for sale.
- 1.6 All operators are required to evolve and implement a foolproof and timely system to ensure that any modification carried out on their aircraft is duly intimated to the Manufacturer. The Engineering Manual/Maintenance Control Manual should include the procedure for intimating the compliance of modifications to the manufacturer.
- 1.7 It shall be the responsibility of owner/operator/maintenance agency to include such modifications, which require repeat inspections at specified intervals in the appropriate inspection schedule.
- 1.8 Owner/Operator are required to submit to the Airworthiness Section a list of Service Bulletins complied with during the preceding one year at the time of renewal of Certificate of Airworthiness. They are also required to submit a consolidated list of ADs as Mandatory Modifications/ Inspections, item-wise indicating their compliance status.
- 1.9 The Certificate of Airworthiness will not be renewed if it is observed that any ADs as Mandatory Modification/Inspection due on the aircraft, aircraft component or item of equipment installed on the aircraft has not been complied with.

2. GUIDELINES

The FAA Airworthiness Directives (AD's), EASA Airworthiness Directives and ADs issued by the State of Manufacturer on aircraft manufactured in the respective regulatory regime are "Mandatory" for applicable aircraft, system and its components without any variation or further notification. It is essential on the part of all operators of aircraft to ensure compliance of all applicable AD's within the target date as specified therein, under confirmation to the Airworthiness Section of the CAA.

3. RECEIPT OF AD'S / MANDATORY MODS.

- 3.1 ADs issued by various Regulatory Authorities/Agencies (e.g. FAA-USA, DGAC-France, LBA-Germany, and CAA- UK) are received in the Airworthiness Section.
- 3.2 If ADs are "**Not applicable**" then it is filed in the Section Library and no further action is required. In the Section Library, these ADs are filed in the Section Library in the separate Registers which are maintained for each Type of aircraft.

3.3 The Airworthiness Section sends copies of the **Applicable ADs** for onward compliance action by the operators as and when they are received. However, no checklist is assumed by the CAA.

4. INSTRUCTIONS TO OPERATOR.

4.1 Upon receipt of ADs the Airworthiness section reviews the contents of “Applicable” ADs. The ADs may require maintenance, inspection, and modification usually with a time limit for compliance in terms of date, flying hours or number of landings.

4.2 Although all operators receive the ADs directly and are required to evaluate and comply with them, the Airworthiness Section will issue instructions (along with copy of the AD) for the applicable AD’s, to concerned operator(s) to comply with AD and forward their compliance plan to the Head of Airworthiness Section on Form CAA/AW/008.

5. MONITORING OF OPERATOR’S COMPLIANCE PLAN

5.1 The operator shall provide the necessary details of the AD to the Head of Airworthiness Section in the compliance plan, on Form CAA/AW/008.

5.2 The Head of Airworthiness Section will nominate an Airworthiness Engineer to monitor the compliance plan submitted by the operator. The Airworthiness Engineer should check/ensure:-

- i. Suitable organization system for incorporation of AD modification/inspection.
- ii. Method of scheduling, proper certification and record keeping of AD accomplishment.
- iii. The large modifications, which operator may decide to incorporate in more than one grounding, do not have any adverse effect on aircraft operation.
- iv. Weight and balance aspects of modifications are properly accounted for.
- v. The operating crew is informed about the accomplishment of AD on aircraft.
- vi. Entry in the respective logbook is made for the confirmation of embodiment.
- vii. For each registered aircraft, when the AD’s is accomplished the operator notifies the Airworthiness Section.
- viii. That the operator meets the target date for compliance of the AD.

6. WAIVER /CONCESSION

6.1 As the policy prescribes all the AD’s must be complied with in target time frame, However in order to avoid any possible detention of aircraft out side Sri Lanka or to ferry to a facility to rectify the defect, an operator may request for waiver or concession in compliance of AD, to the Airworthiness Section. The Airworthiness Section will process such requests, keeping in view following considerations: -

- i. Safety considerations
- ii. Manufacturer’s comments NTO etc.
- iii. Non-availability of Materials etc beyond control of the operator.

6.2 The DGCA may grant waiver/concession or extension in target date etc, for any AD, depending upon the above considerations. Written instructions for grant of waiver or otherwise be sent the operator by the DGCA.

7. UPDATE OF RECORDS

7.1 The Airworthiness Section will keep track of the AD's, Mandatory Modifications and Inspections and regularly check the compliance plan submitted by the operators. When action is completed on an AD, the Airworthiness Section shall update the concerned files maintain in the Airworthiness Section to comply with the requirements.



CIVIL AVIATION AUTHORITY - SRI LANKA.
(AIR WORTHINESS SECTION)

MANDATORY MODIFICATION COMPLIANCE REPORT

1. Name of Operator/AMO : _____
2. Type of Aircraft/Engine/Equipment: _____
3. CAA Ref: _____ Date: _____
4. S.B./A.D. No _____ Date: _____
5. Description: _____

6. Compliance Requirement as per SB/AD: _____

7. Affectivity: _____

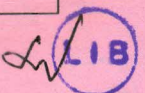
(i) Reg. Mark of Aircraft /S.No. of Equipment	(ii) Time limit (A/F Hrs/ Landings	(iii) Compliance Plan	(iv) Date of Actual Compliance

Signature of Chief/Incharge : _____

Date: _____

Note: This proforma should be completed and submitted to the Airworthiness section at the time of C of A renewal of the Aircraft concerned

8. Official use (For any comments of CAA):



Q