







**USE OF FLAME RESISTANT MATERIALS IN
AIRCRAFT INTERIOR**

AIRWORTHINESS NOTICE

VERSION : 3.0
DATE OF IMPLEMENTATION : 26-04-2010
OFFICE OF PRIME INTEREST : AIRWORTHINESS DIRECTORATE

	NAME	DESIGNATION	SIGNATURE
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TYPE OF DOCUMENT	AIRWORTHINESS NOTICE (AWNOT)		
STATUS OF DOCUMENT	CONTROLLED		

A. AUTHORITY:

A1. This Airworthiness Notice has been issued under the authority vested in DG CAA vide rules 4 of Civil Aviation Rules 1994.

B. PURPOSE:

B1. The purpose of this Airworthiness Notice is to specify the airworthiness requirements for use of flame resistant furnishing materials in aircraft interior.

C. SCOPE:

C1 This Airworthiness Notice is applicable to all organizations engaged in maintenance of aircraft cabins / interiors.

D. DESCRIPTION:

D1. DEFINITION:

Nil

D2. GENERAL:

D2.1 There have been several in flight fires in air carriers. Fire can result both because of discarded smoking materials and live match sticks.

D3. FLAME RESISTANT FURNISHING MATERIALS:

D3.1 Furnishing material used in aircraft during repair, overhaul or modifications must be sufficiently flame resistant to preclude the spread of fire through dropping of lighted cigarettes or matches

D3.2 If any cleaning or laundering processes can destroy flame resistant properties, the materials should be re-proofed after cleaning. As suitable materials are becoming increasingly available, it is recommended that inherently flame resistant materials be used in preference to materials not permanently so treated.

D3.3 The detailed requirements for flame resistant materials and their testing are prescribed in the FARs, BCARs and JARs.

D4. CONTAINERS IN LAVATORIES:

D4.1 In order to avoid serious fires which may be started by discarded lighted smoking material or matches in paper filled waste containers located in lavatories, following actions should be taken:-

D4.1.1 Installation of fire-proof lavatory waste containers.

D4.1.2 Placarding "NO SMOKING" sign outside lavatories

D4.1.3 Announcements to be made by cabin crew on every flight that smoking in the lavatories or aisles are prohibited.

D4.1.4 Periodic checks by cabin crew during every flight to make sure that there is no fire in the lavatories.

D4.1.5 Installation of smoke detectors in lavatories of public transport aircraft

D5. PLASTIC-LINED PAPER CUPS:

D5.1 Certain plastic-lined cups have been found to be highly inflammable.

D5.2 Pakistani air carriers are requested to ascertain that paper cups and other commissary equipment being used by them do not constitute fire hazard.

E. EVIDENCES (ACRONYMS / RECORDS / REFERENCES):

E1. ACRONYMS:

BCAR	BRITISH CIVIL AIRWORTHINESS REQUIREMENTS
FAR	FEDERAL AVIATION REGULATION
JAR	JOINT AVIATION REQUIREMENT

E2. RECORDS:


Nil

E3. REFERENCES


BCAR
FAR
JAR

IMPLEMENTATION:

This Airworthiness Notice shall be implemented with effect from 26th April, 2010 and repeals / cancels / supersedes Airworthiness Notice No. 26 issue 2, dated 21st April, 2000.

Dated: 26th April, 2010

(Engr. Munawar Jamal Qureshi)
General Manager Airworthiness (Regulation)
Pakistan Civil Aviation Authority

Dated: 26th April, 2010
File No. HQCAA/2233/1/026/AW


(Engr. GHULAM MURTAZA)
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