







## **RECORDING OF OPERATING HOURS**

---

# **AIRWORTHINESS NOTICE**

**VERSION : 2.0**  
**DATE OF IMPLEMENTATION : 20-04-2010**  
**OFFICE OF PRIME INTEREST : AIRWORTHINESS DIRECTORATE**

	NAME	DESIGNATION	SIGNATURE
PREPARED BY	Engr AMINULLAH MENGAL	Airworthiness Surveyor	
REVIEWED BY	Engr MUNAWAR JAMAL QURESHI	GM Airworthiness (Regulation)	
VERIFIED BY	Engr MUNAWAR JAMAL QURESHI	GM Airworthiness (Regulation)	
APPROVED BY	Engr GHULAM MURTAZA	Director Airworthiness	
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 Rule No. 4 & 33 of Civil Aviation Rules, 1994.

**B. PURPOSE:**

B1. The purpose of this Airworthiness Notice is to apprise the operators, owners and maintenance organisations on the significance of recording and monitoring the aero-engines and all life components of aircraft, as per manufacturers defined operating hours / cycles / life and their replacement/overhauling/servicing/inspection as applicable. Any failure to comply with may adversely affect the safety of aircraft leading to serious consequences.

**C. SCOPE:**

C1. This Airworthiness Notice covers requirements and procedure for all operators, owners and maintenance organisations on completion of details in engine log books and components historical record on regular basis.

**D. DESCRIPTION:**

**D1. DEFINITIONS:**

Nil

**D2. GENERAL:**

D2.1. Manufacturers of aero-engines and specific aircraft components, specify their hourly, calendar and/or cycles life, on expiry of which the aero- engines or life components have to be removed and overhauled. It is imperative that the operating hours and / or calendar period of such components installed on the aircraft is progressively recorded in their respective log book/card. Failure to do so would adversely affect the aircraft operation and may result in serious mishap.

**D3. REQUIREMENT:**

D3.1. All owners / operators shall ensure that the engine log book and the components historical record cards contain detailed engineering data on operating hours and / or cycles, removals / installations, repairs and replacements, overhauls, acceptance tests etc. in addition to the serial data of manufacture and specific identification details. While calculating operating hours, the "chocks off to chocks on" or "flight time" of aircraft be considered, as followed by manufacturer while prescribing the relevant operating life. It is the responsibility of individual operator to acquire relevant information from the manufacturer or from the applicable publications. In the absence of this information the operating hours will be calculated on the basis of "chocks off to chocks on" concept.

**D4. RECOMMENDATION:**

D4.1. In order to avoid unnecessary grounding of aircraft due to non- availability of replacement parts for life components the owners/operators should remain alive to the permissible flying time of the aircraft, plan the procurement of such life item so that it is available well before the expiry of life of its counter part operating on the aircraft.

**E. EVIDENCES (ACRONYMS / RECORDS / REFERENCES):**

**E1. ACRONYMS:**

Nil

**E2. RECORDS:**

Nil

**E3. REFERENCES:**

Nil

**IMPLEMENTATION:**

This Airworthiness Notice shall be implemented with effect from 20<sup>th</sup> April, 2010 and repeals / cancels / supersedes Airworthiness Notice No. 7 issue 1, dated 8<sup>th</sup> April, 2000.



**(Engr Ghulam Murtaza)**  
Director Airworthiness  
Director General,  
Pakistan Civil Aviation Authority

for

Dated: - 20<sup>th</sup> April, 2010



**(Engr MUNAWAR JAMAL QURESHI)**  
General Manager Airworthiness (Regulation)  
Dated- 20<sup>th</sup> April, 2010  
File No. HQCAA/ 2233/1/07/AW