



सत्यमेव जयते

GOVERNMENT OF INDIA

**OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION**

TECHNICAL CENTRE, OPP SAFDURJUNG AIRPORT, NEW DELHI

**CIVIL AVIATION REQUIREMENTS**

**SECTION 2 – AIRWORTHINESS**

**SERIES 'D', PART V**

**27<sup>TH</sup> January 1970**

**EFFECTIVE: FORTHWITH**

**Subject: Maintenance of fuel and oil consumption records - Light aircraft piston engines.**

**1. APPLICABILITY:**

This part of the CAR specifies procedure for maintenance of records of fuel and oil consumption in respect of light aircraft piston engines.

**2. PROCEDURE:**

The owner/operator shall ensure that the records of fuel and oil consumption are maintained and monitored periodically. The records for fuel/oil consumption shall be maintained as per Appendix A.

**3. PERIODICAL RECORDING OF FUEL AND OIL CONSUMPTION :**

The average fuel and oil consumption of piston engines will be recorded in the engine log books by an appropriately licensed Maintenance Engineer:-

- (i) after the overhaul test of the engine;
- (ii) after the partial/top overhaul or repair of the engine followed by a test run/test flight, as applicable;
- (iii) at periods approved as per the approved maintenance programmes.

- 4. If the fuel and oil consumption exceeds the prescribed limits stipulated by the manufacturer, necessary corrective action as prescribed should be taken under intimation by the Quality Manager to the Regional Airworthiness Office.

(R.P.Sahi)

Joint Director General of Civil Aviation

**AIRCRAFT FUEL AND OIL REGISTER**

Appendix A

Aircraft Type -----Registration No-----

Engine Make and Serial No. -----Hours-(TSO) -----

Manufacturer specified fuel consumption-----

Manufacturer specified oil consumption-----

| FUEL |                             |                          | OIL                       |                         |
|------|-----------------------------|--------------------------|---------------------------|-------------------------|
| Date | Fuel consumed in ---- hours | Average fuel consumption | Oil consumed in ----hours | Average oil consumption |
|      |                             |                          |                           |                         |
|      |                             |                          |                           |                         |