



**CHAPTER 6.**

**HELICOPTER MAINTENANCE**

*Note 1.— For the purpose of this chapter “helicopter” includes: engines, power transmissions, rotors, components, accessories, instruments, equipment and apparatus including emergency equipment.*

*Note 2.— Guidance on continuing airworthiness requirements is contained in the Airworthiness Manual (Doc 9760).*

**6.1 Maintenance responsibilities**

6.1.1 The owner of a helicopter, or in the case where it is leased, the lessee, shall ensure that:

- a) the helicopter is maintained in an airworthy condition;
- b) the operational and emergency equipment necessary for the intended flight is serviceable;
- c) the certificate of airworthiness of the helicopter remains valid; and
- d) the maintenance of the helicopter is performed in accordance with a maintenance programme acceptable to the State of Registry.

6.1.2 The helicopter shall not be operated unless it is maintained and released to service under a system acceptable to the State of Registry.

6.1.3 When the maintenance release is not issued by an organization approved in accordance with Annex 6, Part I, 8.7, the person signing the maintenance release shall be licensed in accordance with Annex 1.

**6.2 Maintenance records**

6.2.1 The owner shall ensure that the following records are kept for the periods mentioned in 6.2.2:

- a) the total time in service hours, calendar time and cycles, as appropriate of the helicopter and all life-limited components;



- b) the current status of compliance with all mandatory continuing airworthiness information;
- c) appropriate details of modifications and repairs to the helicopter;
- d) the time in service (hours, calendar time and cycles, as appropriate) since last overhaul of the helicopter or its components subject to a mandatory overhaul life;
- e) the current status of the helicopter's compliance with the maintenance programme; and
- f) the detailed maintenance records to show that all requirements for signing of a maintenance release have been met.

6.2.2 The records in 6.2.1 a) to e) shall be kept for a minimum period of 90 days after the unit to which they refer has been permanently withdrawn from service, and the records in 6.2.1 f) for a minimum period of one year after the signing of the maintenance release.

6.2.3 The lessee of a helicopter shall comply with the requirements of 6.2.1 and 6.2.2, as applicable, while the helicopter is leased.

### **6.3 Continuing airworthiness information**

The owner of a helicopter over 3 175 kg maximum certificated take-off mass, or in the case where it is leased, the lessee, shall, as required by the State of Registry, ensure that the information resulting from maintenance and operational experience with respect to continuing airworthiness is transmitted as required by Annex 8, Part II, 4.2.3 f) and 4.2.4.

### **6.4 Modifications and repairs**

All modifications and repairs shall comply with airworthiness requirements acceptable to the State of Registry. Procedures shall be established to ensure that the substantiating data supporting compliance with the airworthiness requirements are retained.

### **6.5 Maintenance release**

6.5.1 A maintenance release shall be completed and signed, as prescribed by the State of Registry, to certify that the maintenance work performed has been completed satisfactorily.

6.5.2 A maintenance release shall contain a certification including:

- a) basic details of the maintenance carried out;
- b) the date such maintenance was completed;
- c) when applicable, the identity of the approved maintenance organization; and
- d) the identity of the person or persons signing the release.