

BUREAU VERITAS

AIRWORTHINESS DIRECTIVE

Specified by "Secrétariat Général à l'Aviation Civile"

All inspections or modifications listed here under are mandatory. Any unapplied airworthiness directive entails the suspension of the Certificate of Airworthiness (Order dated 6.9.67 - item 17).

SE 3160 ALOUETTE III

1. BODY STRUCTURE

Subsequent to Airworthiness instructions 67-31-6 (parag. 1) and 68-2-7 (parag. 2) the service life of body structures 3160-22-11.000 (not modified by AM 1191 - reinforced RH cluster N° 6) is established as follows :

- a - Body structures below 1200 hours of operation
Carry out reinforcement according to AM 1191 at 1200 hours to obtain a total service life of 3000 hours without special inspection.
- b - Body structures between 1200 and 1800 hours of operation
A dye penetrant inspection must be carried out every 150 hours of operation starting at 1200 hours. Reinforcement according to AM 1191, carried out at 1800 hours at the latest makes increase of service life possible up to 3000 hours without special inspection.
- c - Body structures between 1800 and 2400 hours of operation
The use of body structures not reinforced is possible only if a leakage test of the welded structure can be carried out every 20 hours between 1800 and 2000 hours of operation and every 10 hours between 2000 and 2400 hours of operation.

Reinforcement, according to AM 1191, must be carried out at 2400 hours at the latest, and makes increase of total service life possible up to 3000 hours.

An body structures (3160-22-11-000-1 and subsequent dot numbers) modified by AM 1191, have a total maximum service life of 3000 hours.

This subject is covered by SUD SERVICE BULLETIN N° 0115

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Date : 6.6.69

Matériel : SE 3160 ALOUETTE III

Référence : 69-26-10

2. TAIL BOOM

Subsequent to Airworthiness instruction N° 68-2-7 (parag.1D) The service life of tail booms, in accordance with their modification standard, is established in SUD SERVICE BULLETIN 01-08. This document requires embodiment of a certain number of modifications at 1200 hours and 2400 hours of operation to obtain a total maximum service life of 4500 hours for tail booms on which all the modifications grouped under S 299. AM 1210 have been incorporated.

3. TAIL ROTOR GEAR BOX.

To prevent any risk of locking of the tail rotor control subsequent to displacement of the taper pin securing the square thread screw with the drum shaft, a check of the installation of this taper pin must be carried out at the next periodic inspection and before September 1st, 1969 at the latest.

This subject is covered by SUD SERVICE BULLETIN 01.16

4. TAIL ROTOR CONTROLS (control quadrant-to-control rod connection)

To maintain the control rod in position in case of loosening of the bearing located at the connection, a special washer must be installed at the latest on General overhaul of the aircraft.

(1200 hours inspection at the present time).

This subject is covered by SUD-SERVICE BULLETIN N° 65-58.

Translation of "Consigne de Navigabilité"

Ref. 69-26-10

In case of any difficulty, reference should be made to the French original text.