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Alouette

316
318
319

For correct identification of the types concerned refer to the basic numbers shown in the Index of Service Bulletins (page 1).

N° 05.65

CLASSIFICATION

SUBJECT : TIME LIMITS

Check of free wheel lubrication

Corresponds to modification : Not applicable

OFFICIAL APPROVAL

D.G.A.C. approved
February 14, 1979

REMARKS

The present Service-Bulletin supersedes Service-Bulletin N° 05.42 dated 10 th November 1971.

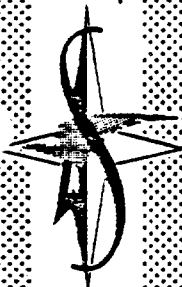
It is the subject of : - the 38 th Airworthiness Instruction for the ALOUETTE II ASTAZOU
- the 39 th Airworthiness Instruction for the ALOUETTE III.

Date : February 14, 1979

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Imprimé en France

SERVICE-BULLETIN



H/A/MA-ST N° 4 A

MANDATORY

★ SOCIÉTÉ NATIONALE INDUSTRIELLE *aérospatiale* ★

★ DIVISION HÉLICOPTÈRES - SERVICE TECHNIQUE APRÈS-VENTE - Boite Postale 13 - 13722 MARIGNANE (FRANCE) ★

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SERVICE BULLETIN

1. - PLANNING INFORMATION

A - EFFECTIVITY

All ALOUETTE aircraft equipped with MGB 3160S.62.00.000 or 319A.62.00.000, free wheel 3160S.60.10.000 and clutch unit 3180S.63.10.000 or 3160S.63.20.000 or 319A.63.00.000 modified per Issue 2 of Service Bulletin N° 65.81 dated 14.02.1979.

B - REASON

Ensure that MGB oil jet P/N 3160S.62.01.002 operates correctly.

C - DESCRIPTION

Within 10 minutes after rotor stopping :

- (1) Unsafety two of the screws securing the free wheel hub flange to the clutch.
- (2) Loosen only one screw and withdraw it from its recess
- (3) Rotate the free wheel by the hand to position the hole left free at 45° downwards and check that some oil is flowing out.
- (4) Refit the screw, check the torque load, then safety the two screws.

CAUTION : If no oil flow is observed, comply with the following instructions.

(a) Change the main gear box

(b) Remove the free wheel :

- if the hub bending radius is 1.6 mm, return the free wheel to an agreed work shop to have the hub renewed ;
- if the hub bending radius is 5 mm, check the free wheel as prescribed in the Maintenance Manual, chapter 40.13.
- screws 3160S.62.02.020, as well on the MGB side as on the clutch side, are to be renewed systematically ;

(c) Check coupling teeth on clutch side, after removing the seal housings, and change the parts if too much play or traces of heating are observed.

RECALL : The above mentioned screws must be joined to the main gear box or the clutch unit when the latter assemblies are returned to a specialized work shop.

The clutch/free wheel/MGB couplings are to be checked for leaks on the inspection after the last flight of the day. Any confirmed leak is to be repaired to avoid spilling the total quantity of MGB lubricating oil.

D - COMPLIANCE

- . On production line : not applicable
- . Retrofit action : After the first flight following the setting of a new or overhauled M.G.B. into service, then every 100 operating hours.
- . Spares : Not applicable.

E - APPROVAL

Approved by French Authorities on the 14th February, 1979