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*Alouette*

313  
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° 01.37

CLASSIFICATION

SUBJECT : LIMITATIONS  
Main gear box

Corresponds to modification : Not applicable

OFFICIAL APPROVAL

S.G.A.C. approved  
June 24, 1974

MANDATORY

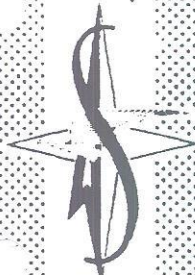
REMARKS

The present Service-Bulletin is the subject of :  
- 31st Airworthiness instruction ( ALOUETTE II)  
- 19th Airworthiness instruction ( ALOUETTE III)

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SERVICE BULLETIN



1 - PLANNING INFORMATIONA - EFFECTIVITY

All ALOUETTE helicopters - Versions 313 - 316 - 318 - 319.

B - REASON

Retire from operation main gear boxes where the casing protective treatment is degraded by the lubricant.

C - DESCRIPTION

During daily inspection, when checking the M.G.B. oil level and the magnetic plug, visually examine the oil for evidence of degradation characterized by a significant blackening or opacity and abnormal smell with or without foaming.

If such an anomaly is reported :

- . Sample 1 litre of oil.
- . Drain and check the internal condition of the M.G.B. housing through the draining and servicing orifices.
- . Retire from operation any M.G.B., the terminal protective treatment of which is degraded and return it to a specialized workshop together with the oil sample (1 litre).
- . Otherwise, flush the system, change the oil grade used and put the M.G.B. into operation again.

NOTE : Main gear boxes, covered by a S.O.A.P. programme, may show, in this case, a very important by the magnesium.

D - COMPLIANCE

On production line : Not applicable.

Retrofit action : Removal of M.G.B. and its return to a specialized workshop when degradation of the internal protective treatment of the M.G.B. housing is noted (see par. 1C above).

Spares : Not applicable.

E - APPROVAL

Agreement given by the "Service Technique Aéronautique" on June 14, 1974.