

SERVICE

BULLETIN



aerospatiale

316
319
Alouette

No. 05.80

MANDATORY

SUBJECT : TIME LIMITS

Monitoring the Yaw Control Pedal Unit Support
P/N : 3160S-86-12-300 or 3160S-73-86-380.

REMARKS :

This Service-Bulletin does not form the subject of an Airworthiness Directive.

Corresponds to modification : Not applicable.

OFFICIAL APPROVAL

D.G.A.C. approved : April 27, 1988

Approval by *Direction Générale de l'Aviation Civile (D.G.A.C.)*
is limited to helicopters subject to Airworthiness Certificate.

1.- PLANNING INFORMATION

A - EFFECTIVITY

ALOUETTE III helicopters, versions 316 and 319.

B - REASON

Ensuring the support is free from cracks.

C - DESCRIPTION

Subsequent to the discovery of cracks in the yaw control pedal unit support, the following measures must be taken :

(1) Procedure :

- (a) Remove the support as per Maintenance Manual Work Card 27.30.403.

NOTE : If it is noted during the removal operation that there is stress in the assembly :

- Elongate the support attachment holes so that there is no longer any stress in the assembly.

- (b) Perform a dye penetrant crack detection inspection (as per Standard Practices Manual Work Card 20.02.01.01) in areas 1 and 2 on the bend radii and flanged edges.

(2) Interpretation of Results

- (a) If no cracks are found, reinstall the support
(b) If a crack is found, measure its length "l" :

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(ba) - If "l" is equal to or less than 60 mm :

. Drill a 2 mm dia. hole at each end of the crack and reinstall the assembly,
then :

. Every 100 flying hours, remove the support to check for any development of the crack.

IMPORTANT : Replace the support during the next type T inspection

(bb) - If "l" is greater than 60 mm, replace the support within 50 flying hours

NOTE : When the support is replaced, ensure that the installation is not under stress ; refer to Note
in paragraph 1C (1) (a)

D - COMPLIANCE

Aerospatiale considers compliance with this Service-Bulletin to be MANDATORY

On production line : Not applicable.

Retrofit action : Within 50 flying hours after receipt of this Service-Bulletin
then :

every type 2T inspection if no cracks are found.

Note : If a crack is found, comply with the instructions given in paragraph 1C (2) (b)

Spares : When installing the support, check that there is no stress in the assembly.

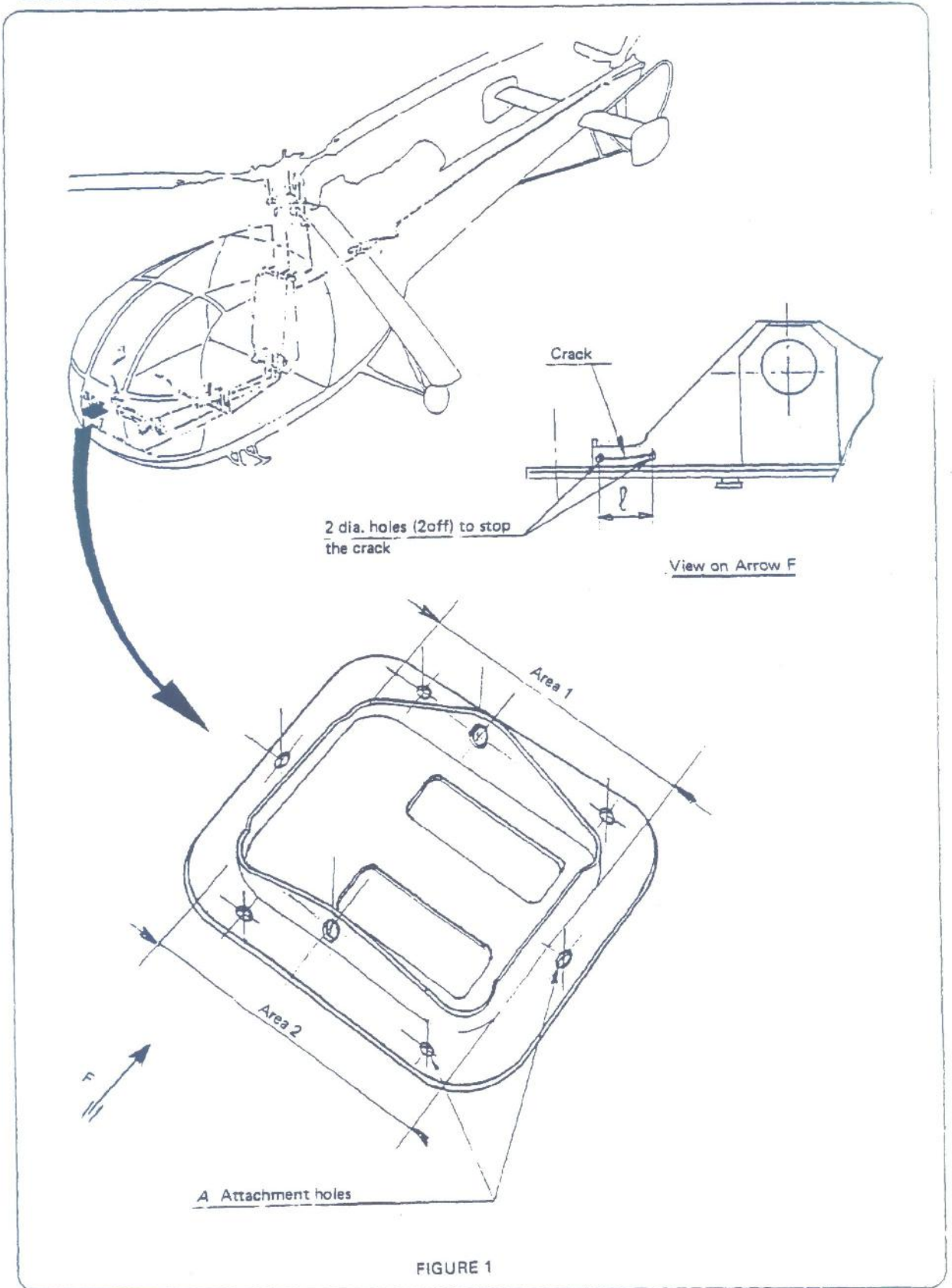
NOTE : Record the FIRST embodiment of this Service-Bulletin in the aircraft documents.

E - APPROVAL

Approved by the French Civil Aviation Authorities (D.G.A.C.), on April 27, 1988.

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