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

N° 01.38 a

CLASSIFICATION**SUBJECT : LIMITATIONS**

TELEC type 7502 - 7601 - 8301 - 8501 noise filters.

**CAUTION : THE PURPOSE OF THIS DOCUMENT IS TO INCORPORATE A
TEMPORARY AMENDMENT IN A SERVICE BULLETIN**

- (The index page will be amended later) -

0.- INSTRUCTIONS FOR AMENDMENT**A - EFFECTIVITY**Service-Bulletin N° 01.38
Révision dated November 3, 1977**B - REASON**

Modify P/N of attaching screws on power supply cables inside the type 7601 filter.

C - DESCRIPTION

Replace the first 5 lines of paragraph 1 C (4) by the following :

(4) Replace screws that are too long with hex. head fully threaded screws fitted with spring lockwashers as follows :

- . screw THM 6 x 12, washer ONDUFLEX 52.06.01.70.75 for types 7502 and 8501 filters.
- . screw THM 10 x 15, washer ONDUFLEX 52.10.01.70.75 for type 7601 filter.
- . screw THM 4 x 10, washer ONDUFLEX 52.04.01.70.75 for type 8301 filter.

Cut along the dotted line and paste over the former text or figure.

D.G.A.C. approved
Date : 27 Novembre 1978N° 01.38 a
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SERV BULLETIN

N° 01.38 a

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N° 01.38

CLASSIFICATION

SUBJECT : LIMITATIONS

TELEC type 7502 - 7601 - 8301- 8501 noise filters.

Corresponds to modification : Not applicable

OFFICIAL APPROVAL

D.G.A.C. approved
November 3, 1977

REMARKS

This Service-Bulletin forms the subject of the :

- . 33d Airworthiness Directive for "ALOUETTE II" and
- . 22nd Airworthiness Directive for "ALOUETTE III" helicopters.

The aim of present revision is to extend checking of TELEC noise filters to aircraft delivered from June 18, 1975 to October 1, 1977.

It forms the subject of the :

- 36th Airworthiness Directive for ALOUETTE II and
- 34th Airworthiness Directive for ALOUETTE III.

Revision dated November 3, 1977
Date : June 18, 1975

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* SOCIÉTÉ NATIONALE INDUSTRIELLE **aérospatiale** *

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SERVICE BULLETIN

Imprimé en France

HIAV - ST N° 4A

1. - PLANNING INFORMATIONA - EFFECTIVITY

- TELEC type 7502 - 7601 - 8301 - 8501 noise filters installed :
- . near the fuel booster pump in front of tank (fuel system).
 - . above the electrical cabinet } (generator system).
 - . in the starter generator cooling box }

B - REASON

To ensure that the input and output cable terminal lug attaching screws inside the unit are fitted with a lockwasher and correctly tightened. Loose connections may cause arcing and lead to destruction of the internal components of the filter, which in turn may have repercussions on the battery.

C - DESCRIPTION

For each aircraft, according to standard and optional equipment installed, draft a list of "TELEC" filters included in the engine and airframe electrical circuits.

On each filter of the above types :

- (1) Remove the cover.
- (2) Remove the screws and washers securing the cable terminal lugs.
- (3) Check the depth of the blind tapped holes for the terminal screws ; tighten the screws (without terminal lugs or washers) and check that the clearance between underside of screw heads and base plate is not too great to ensure a tight grip on the lugs. (less than the total thickness of terminal lug + washer).

NOTE : It may be necessary to remove filters in case of supply by a shunt bar and the perfect seating of terminal lugs on base plate seeming to be doubtful.

- (4) Replace screws that are too long with hex. head fully threaded screws fitted with spring lockwashers as follows :
 - . screw THM 6 x 12, washer ONDUFLEX 52.06.01.70.75 for types 7502 and 8501 filters.
 - . screw THM 10 x 20, washer ONDUFLEX 52.10.01.70.75 for type 7601 filter.
 - . screw THM 4 x 10, washer ONDUFLEX 52.04.01.70.75 for type 8301 filter.

NOTE : The fillister head fully threaded screws originally used, with split lockwashers or internal tooth star washers have been replaced on later production filters by hex. head screws spring lockwashers to ensure more positive tightening and preclude the use of screwdrivers.

Operators are recommended to take advantage of this opportunity to fit previous standard filters with washers and screws of the new production type.

- (5) Assemble or re-assemble removed or replacing components, as applicable. Install the cover.

D - COMPLIANCE

On production line : Before delivery and from October 1, 1977.

Retrofit action : (1) On receipt of present Service-Bulletin and by August 31, 1975 at the latest for aircraft delivered before June 18, 1975.
 (2) On receipt of the revision of present Service-Bulletin and by November 30, 1977 at the latest for aircraft delivered from June 18, 1975 to October 1, 1977.

NOTE : Check the attaching screw tightness at every periodic inspection of the airframe.

Spares : On installation of filter on helicopter.

E - APPROVAL

Approved by French Authorities on November 3, 1977.