

ARTOUSTE III

Application : Mandatory

Subject : Checking of the fuel valve harness routing.

The technical information contained in this document has been approved under "the Design Organization agreement JAA No F.JA.05" on 16.03.2000 (Ref. FA 2000/030).

1. PLANNING INFORMATION

A. Effectivity

(1) Validity

- **ARTOUSTE III B – III B1 – III BF engines.**

(2) Application

(a) Définition of application for engines in service

Mandatory : application due to a technical requirement which can affect flight safety. The incorporation required can be immediate or adapted to a scheduled program.

(b) Conditions of application for engines in service

(b.1) Application in a TURBOMECA approved Repair Center :

Application at first return to an approved Repair Center whatever the reason for return.

(b.2) Application at the operator's :

Upon receipt of this Alert Service Bulletin or within the next 50 operating hours or before June 2000, whichever comes first.

B. Purpose

To prevent potential engine shutdown. To reroute and secure supply harness to prevent chafing and melting which can result in a short circuit and close the electrical valve.

Edition originale/Original issue : 16.03.2000

Mise à jour n°/Update No ... du/from ...

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A218 80 0101

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C. Description (figures 1 and 2)

Checking of the routing of the harness supplying the electric fuel valve.

D. Approval

The technical information contained in this document has been approved under the Design Organization agreement JAA N° F.JA.05.

E. Manpower

(1) Checking of the electrical harness routing

(a) Personnel : 1 mechanic.

(b) Time required : 0.5 man hour (if operation on the harness).

F. Material

See paragraph 3.

G. Tooling

Mechanic's standard tooling.

H. Weight and balance

Not applicable.

I. References

Maintenance Manual..... Ref. 218 00 936.

J. Other publications affected

Spare Parts Catalogue..... Ref. 218 01 937.

2. INSTRUCTIONS TO BE INCORPORATED

A. Implementation

The instructions given in this Alert Service Bulletin can be incorporated with the engine installed or removed from the aircraft.

B. Operating instructions (figures 1 and 2)

- (a) Check that the harness supplying the electric fuel valve (item 1) routes between the support root of the ignition plug (item 2) and the micropump (item 3) to prevent any contact with the turbine casing front flange.
- (b) In case of contact or wrong routing :
 - (1) Loosen the metal clamp (item 5).
 - (2) Cut the plastic strap (item 6).
 - (3) Reposition the wiring assembly (item 4) toward the front of the engine providing several centimeters clearance between the harness and the turbine casing flange.
 - (4) Route the harness supplying the electric fuel valve (item 1) between the support root of the ignition plug item 1) and the micropump (item 3) to prevent any contact with the turbine casing front flange.
- (c) Install the plastic strap (item 6).
- (d) Tighten the metal clamp (item 5).

C. Reconditioning and checks

Carry out a ground run check : refer to the Maintenance Manual, chapter 72-00-5, pages 501 to 504.

D. Identification

- (a) Record the application of the Alert Service Bulletin No. A218 80 0101 in the section "E" of the engine log book (maintenance section) giving the engine or module cycles and operating hours.
- (b) Inform TURBOMECA of the engine Serial Number, operating time, cycles and date to which this check has been performed by returning the Alert Service Bulletin compliance certificate (page 6/6 of this Alert Service Bulletin).
- (c) Establish and sign the certificate to put the engine back to service.

3. MATERIAL INFORMATION

A. Basic information

The parts required for the incorporation of the instructions given in this Alert Service Bulletin are for 1 engine.

B. List of parts

Plastic strap P/N 9 562 89 001 0.

C. Supply conditions

Order according to your requirements from :

A TURBOMECA network point
or
TURBOMECA
Direction Support Opérateurs
Département Commercial
40220 TARNOS
FRANCE
Fax No (33) (0)5 59 74 45 11.

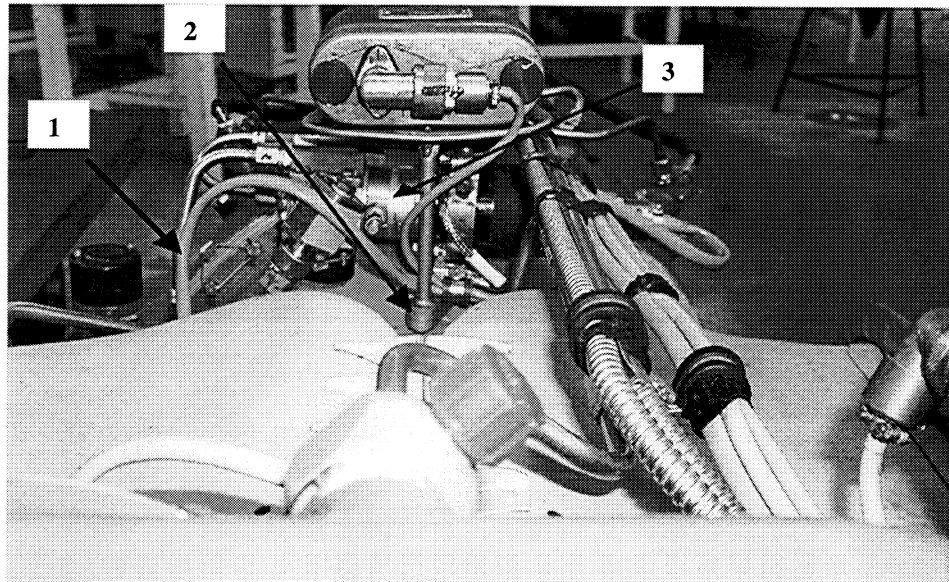


Figure 1

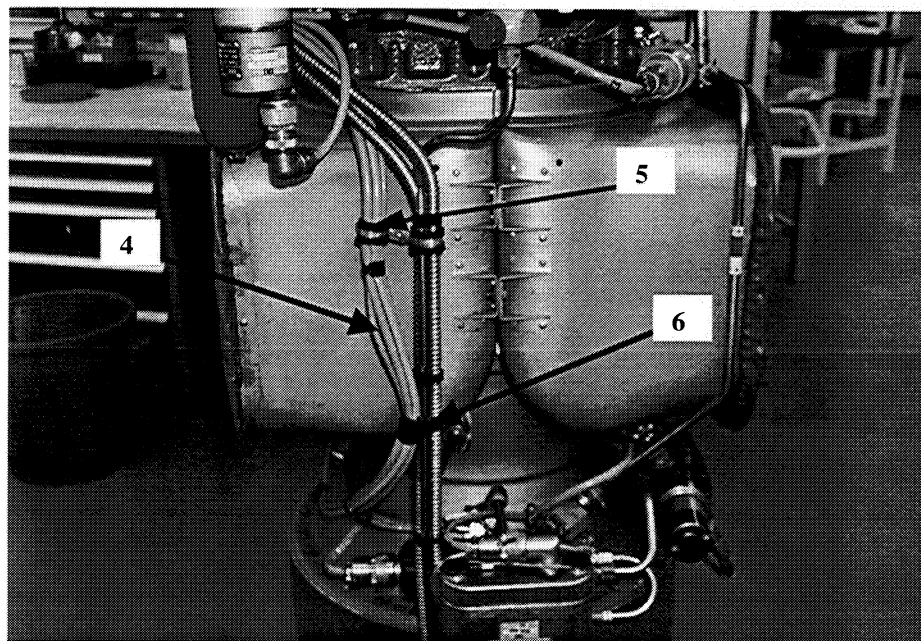


Figure 2

Objet : Attestation de vérification du cheminement du faisceau électrique

Subject : Compliance certificate dealing with checking of the electric harness routing.

Important / Important notice :

Après application de ce Service Bulletin, veuillez compléter la présente attestation et la retourner par courrier à :

After incorporation of this Alert Service Bulletin, please complete this certificate and mail it to :

TURBOMECA
Direction des Supports Opérateurs
Département Technique - Marque ARTOUSTE
40220 TARNOS - France
ou / or
notre filiale la plus proche / our nearest Subsidiary

Information concernant le matériel / Equipment information

Utilisateur Operator			N° Appareil Aircraft N°	
	N/S - S/N	TSN*	TSO*	Remarques/Remarks
Moteur Engine				

*TSN = Time Since New (Heures/cycles depuis neuf)

*TSO = Time Since Overhaul (Heures/cycles depuis RG)

Opération effectuée par :

Operation performed by :

.....
.....

Je certifie que le moteur identifié ci-dessus est vérifié selon les directives du Service Bulletin Alerte en objet.

I certify that the above mentioned engine has been checked according to the instructions given in this Alert Service Bulletin.

Date

Nom / Name

Fonction / Job title

.....

Signature :