

# SERVICE LETTER

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JFE/BL/AW

## **Service Letter No 2420/06/AR2C/23 – 5<sup>th</sup> issue**

**This Service Letter supersedes the issue dated January 15, 2016**

**Subject: ARRIEL 2C – 2C1 – 2C2**

**Commercial air transport operations.**

**Operations without assured safe forced landing.**

Dear Sir or Madam,

The helicopter manufacturer issues Service Letters concerning the European operating regulation governing the operation of any civilian helicopter used for commercial air transport by an operator bound by the regulation Air Operations Part-CAT (Commercial Air Transport) of European law No. 965/2012 related to air operations.

If you are subject to this regulation you must obtain specific approval from your local authority for certain missions.

The paragraph AMC2 CAT.POL.H.305(b) "Helicopter operations without an assured safe forced landing capability", associated with appendix IV (Part-CAT) of law No. 965/2012, specifies that the operator who requests this type of authorization must apply the preventive maintenance actions, particularly those recommended by the engine manufacturer.

The purpose of this Service Letter (SL) is to update Safran Helicopter Engines recommended conditions for supporting your approval request to your local Authority.

Note: Safran Helicopter Engines updates this type of SL to take into account the current in-service data, even when recommended maintenance actions remain unchanged.

### **1° Engine configuration recommended by Safran Helicopter Engines**

The engine configuration recommended by Safran Helicopter Engines requires the application of all engine modifications (TU's) and applicable documents listed in the table below (all higher configuration standards are eligible). With this engine configuration, you can request approval from your authority to perform the operations described above.

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Modifications and applicable documentation	Designation	ARRIEL		
		2C	2C1	2C2
TU 045A	Fuel metering HP/LP pump assembly (HMU). LP pump impeller with reduced axial load.	R	R	B
TU 054	M02. Installation of a sleeve in the attachment boss of the bleed valve	R	R	B
TU 070A	M02 compressor module. Bonding of sleeve in the bleed-valve mounting boss.	R	R	B
TU 158	Adjusted HMU. Modification of the return spring of the metering valve needle	R	N/A	N/A
TU 166	M03. HP blade dampers.	N/R	N/R	R
SB no. 292 73 2822 OR TU 184	Visual inspection of HP-LP pumps assembly drive-link splines OR Improvement of the HMU drive splines.	R	R	R
Mandatory SB no. 292 72 2861 OR SB no. 292 72 2194 (TU 194)	Accessory gearbox front cover. Detection of wear on the 41- or 42-tooth gear front bearing housing OR Module 01: Replacement of the accessory gearbox cover. Application of modification TU 194.	R	R	R
Mandatory SB no. 292 73 2872	Securing digital computers FADEC B	R	N/A	N/A

R = Required (modification, check or restriction must be applied)

B = Basic modification

N/A = Not Applicable

N/R = Not Required

## 2° Safran Helicopter Engines applicable documentation

Safran Helicopter Engines also reminds you that the following maintenance documents remain applicable:

- The engine Maintenance Manual.
- Service Bulletins issued by Safran Helicopter Engines, according to their respective application code.

Please contact us if you require further information or assistance.

Yours faithfully,

Technical Support Department



J.F. ESCURET