
SERVICE BULLETIN

N° 189-267

DATE: June 10, 2021

REV. : /

TITLE

ATA 46 - NEW CONFIGURATION FILE FOR ADI STBY SOFTWARE

REVISION LOG

New Issue

An appropriate entry should be made in the aircraft log book upon accomplishment.
If ownership of aircraft has changed, please, forward to new owner.

1. PLANNING INFORMATION

A. EFFECTIVITY

All AW189 helicopters from S/N 49007 thru S/N 49072 (S/N's 49024, 49036, 49040, 49041, 49068 and 49071 excluded), from S/N 89001 thru S/N 89012 (S/N's 89005 and 89006 excluded) and from S/N 92001 to S/N 92010.

B. COMPLIANCE

Within 6 months after the issue of this Service Bulletin.

C. CONCURRENT REQUIREMENTS

N.A.

D. REASON

This Service Bulletin is issued in order to provide the necessary instruction on how to perform the installation of the updated Meggitt avionics ISFD (ADI STBY) configuration file P/N 8G4640IB0200.

E. DESCRIPTION

Leonardo Helicopters and supplier Meggitt developed a new configuration file P/N 8G4640IB0200, replacing the previous P/N 8G4640IB0100 currently installed on ADI STBY. This change will implement inside the ADI STBY the feature that enables the display of the Vne also when both the engines are off. As of today, OEI Vne is displayed in this condition.

This Service Bulletin gives the instruction on how to upload the updated Meggitt avionics ISFD (ADI STBY) configuration file P/N 8G4640IB0200 that enables this new functions.

F. APPROVAL

The technical content of this Service Bulletin is approved under the authority of DOA nr. EASA.21.J.005. For helicopters registered under other Aviation Authorities, before applying the Service Bulletin, applicable Aviation Authority approval must be checked within Leonardo Helicopters customer portal.

EASA states mandatory compliance with inspections, modifications or technical directives and related time of compliance by means of relevant Airworthiness Directives. If an aircraft listed in the effectivity embodies a modification or repair not LHD certified and affecting the content of this Service Bulletin, it is responsibility of the Owner/Operator to obtain a formal approval by Aviation Authority having jurisdiction on

the aircraft, for any adaptation necessary before incorporation of the present Service Bulletin.

G. MANPOWER

To comply with this Service Bulletin four (4) MMH are deemed necessary.

MMH are based on hands-on time and can change with personnel and facilities available.

H. WEIGHT AND BALANCE

N.A.

I. REFERENCES

1) PUBLICATIONS

<u>DATA MODULE</u>	<u>DESCRIPTION</u>	<u>PART</u>
DM01 89-A-00-20-00-00A-120A-A	Helicopter on ground for a safe maintenance.	-
DM02 89-A-34-21-00-00A-750A-B	Standby attitude director indicator - system - Load software procedure	-
DM03 89-A-34-21-01-00A-520A-A	Standby attitude director indicator - Remove procedure	-
DM04 89-A-34-21-01-00A-720A-A	Standby attitude director indicator - Install procedure	-

2) ACRONYMS

ADI STDBY	Attitude Director Indicator Standby
AMP	Aircraft Maintenance Publication
DM	Data Module
IPD	Illustrated Part Data
ISFD	Integrated Secondary Flight Display
ITEP	Illustrated Tools and Equipment Publication
MMH	Maintenance Man Hours
OEI	One Engine Inoperative

3) ANNEX

N.A.

J. PUBLICATIONS AFFECTED

AW189 Aircraft Maintenance Publication (AMP)

AW189 Illustrated Part Data (IPD)

K. SOFTWARE ACCOMPLISHMENT SUMMARY

Software to be updated:

Meggitt avionics ISFD (ADI STBY) configuration file P/N 8G4640IB0200.

2. MATERIAL INFORMATION

A. REQUIRED MATERIALS

1) PARTS

#	P/N	ALTERNATIVE P/N	DESCRIPTION	Q.TY	LVL	NOTE	LOG P/N
1	8G4640IB0200		Meggitt avionics ISFD (ADI STBY) Configuration	1	.	(1)	-

2) CONSUMABLES

Refer also to AMDI for the consumable materials required to comply with the AMP DM referenced in the accomplishment instructions.

3) LOGISTIC MATRIX

N.A.

NOTE

(1) This software will not be supplied; it will be available, along with relevant certification document, in “My Software” sub-section of Leonardo AW Customer Portal website <https://customerportal.leonardocompany.com>.

B. SPECIAL TOOLS

Refer also to ITEP for the special tools required to comply with the AMP DM referenced in the accomplishment instructions.

C. INDUSTRY SUPPORT INFORMATION

Owners/Operators who comply with the instructions of this Service Bulletin no later than the applicable date in the “Compliance” section will be eligible to receive necessary replacements on free of charge basis, except for Consumable Materials and Special Tools.

NOTE: Customers who fail to comply with the instructions in this Service Bulletin before the compliance date are not eligible for the aforementioned special policy.

Please Issue relevant MMIR form to your Warranty Administration Dpt..

3. ACCOMPLISHMENT INSTRUCTIONS

GENERAL NOTES

Place an identification tag on all components that are re-usable, including the attaching hardware that has been removed to gain access to the modification area and adequately protect them until their later re-use.

1. In accordance with DM 89-A-00-20-00-00A-120A-A, prepare the helicopter on ground for a safe maintenance. Disconnect the battery, all electrical power sources and/or the external power supply.
2. In accordance with DM 89-A-34-21-01-00A-520A-A, remove the ADI Standby from the helicopter and put it on an applicable work table.
3. In accordance with DM 89-A-34-21-00-00A-750A-B, perform the upload of the Meggitt avionics ISFD (ADI STBY) configuration file P/N 8G4640IB0200.
4. In accordance with DM 89-A-34-21-01-00A-720A-A, install the ADI standby to the helicopter.
5. Return the helicopter to flight configuration and record for compliance with this Service Bulletin on the helicopter logbook.
6. Send the attached compliance form to the following mail box:

engineering.support.lhd@leonardocompany.com

As an alternative, gain access to My Communications section on Leonardo WebPortal and compile the "Service Bulletin Application Communication".

Please send to the following address: LEONARDO S.p.A. CUSTOMER SUPPORT & SERVICES - ITALY PRODUCT SUPPORT ENGINEERING & LICENSES DEPT. Via Giovanni Agusta, 520 21017 Cascina Costa di Samarate (VA) - ITALY Tel.: +39 0331 225036 Fax: +39 0331 225988		SERVICE BULLETIN COMPLIANCE FORM		Date:	
		Number:			
		Revision:			
Customer Name and Address:			Telephone:		
			Fax:		
			B.T. Compliance Date:		
Helicopter Model	S/N	Total Number	Total Hours	T.S.O.	
Remarks:					
Information: We request your cooperation in filling this form, in order to keep out statistical data relevant to aircraft configuration up-to-date. The form should be filled in all its parts and sent to the above address or you can communicate the application also via Technical Bulletin Application Communication Section placed in Leonardo AW Customer Portal - MyCommunications Area. We thank you beforehand for the information given.					