

1. Approving Competent Authority/Country CAA/UK		2. AUTHORISED RELEASE CERTIFICATE CAA FORM 1			3. Form Tracking Number Z2249867-5-00	
4. Organisation Name and Address: Head Office THALES AVS FRANCE SAS 75-77 Avenue Marcel Dassault 33700 Mérignac France					5. Work Order/Contract/Invoice R409428	
6. Item		7. Description	8. Part No	9. Qty.	10. Serial No	11. Status/Work
001		ELAC B (ELEVATOR AILERON COMPUTER)	3945129100	1	ELACVB027004	REPAIRED
12. Remarks According to attached workshop report Notification N° :3810435 Acceptance test procedure : CMM 27-93-35A REV22 SEP 18/2023 TT 27-93-35B REV21 SEP 20/2023 IPC 27-93-35C REV25 SEP 18/2023 Amendments :A;B;C;D;E;F;G;H;J;K;M Preloaded software PNR 3945129112 Repair centre : THALES AVS FRANCE SAS Customer Support Centre France 5 rue Marcel Dassault # BP 140 86101 CHATELERAULT CEDEX France Tel : 33 (0)5 49 02 10 00						
13a. Certifies that the items identified above were manufactured in conformity to :- ☐ approved design data and are in a condition for safe operation ☐ non approved design data specified in block 12			14a. ☒ Part 145.A.50 Release to Service ☐ Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part 145 and in respect to that work the items are considered ready for release to service.			
13b. Authorised Signature		13c. Approval/Authorisation Number		14b. Authorised Signature F9111-5-ZG		14c. Certificate/Approval Ref. No UK.145.01617
13d. Name		13e. Date		14d. Name Nicolas MOINE		14e. Date 10 nov 2023
USER/INSTALLER RESPONSIBILITIES USER/INSTALLER RESPONSIBILITIES This certificate does not automatically constitute authority to install the item(s). Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. CAA Form 1-MF/CAO/145 Issue 1.						

1. Approving Competent Authority/Country Autorité Compétente/Pays		2.		AUTHORISED RELEASE CERTIFICATE Certificat Libérateur Autorisé EASA FORM 1 Formulaire 1 de l'EASA				3. Form Tracking Number N° de repère du Formulaire Z716193-5-00			
4. Organisation Name and Address : Nom et Adresse de l'Organisme :				Head office Siège Social		THALES 75-77, Avenue Marcel Dassault 33700 MERIGNAC France		5. Work Order / Contract / Invoice Bon de commande / Contrat / Facture R409428			
6. Item / Item		7. Description / Description		8. Part No. / N° de pièce		9. Qty / Qté		10. Serial No. / N°série			
001		ELAC B (ELEVATOR AILERON COMPU TER)		3945129100		1		ELACVB027004			
12. Remarks / Remarques According to attached workshop report Notification N° : 3810435 Acceptance test procedure : CMM 27-93-35A REV22 SEP 18/2023 TT 27-93-35B REV21 SEP 20/2023 IPC 27-93-35C REV25 SEP 18/2023 Amendments : A;B;C;D;E;F;G;H;J;K;M Preloaded software PNR 3945129112				Repair centre : 5 rue Marcel Dassault # BP 140 86101 CHATELLERAULT CEDEX France		11. Status / Work / Etat / Travaux REPAIRED					
13a. Certifies that the items identified above were manufactured in conformity to: -----Certifie que les éléments identifiés ci-dessus ont été fabriqués conformément aux :----- ☐ approved design data and are in a condition for safe operation -----données de conception approuvées et sont en état de fonctionner en toute sécurité----- ☐ non approved design data specified in block 12 -----données de conception non approuvées spécifiées dans la case 12-----				14a. ☒ Part 145.A.50 Release to Service Approbation pour remise en Service Selon Partie 145.A.50 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part 145 and in respect to that work, the items are considered ready for release to service. Certifie que, sauf indication contraire spécifiée en case 12, les travaux identifiés en case 11 et décrits en case 12 ont été réalisés conformément à la partie 145 et qu'au vu de ces travaux, les pièces sont considérées prêtes à la remise en service.				14b. Authorised Signature Signature autorisée		14c. Certificate/Approval Ref. No N° du Certificat/Agrément FR.145.0113	
13b. Authorised Signature Signature autorisée				13c. Approval/Authorisation Number -----Numéro d'agrément/d'autorisation-----				14d. Name / Nom Nicolas MOINE F9111-5-ZG			
13d. Name / Nom				13e. Date (dd-mm-yyyy) / Date (jj-mm-aaaa)				14e. Date (dd mm yyyy) / Date (jj mm aaaa) 10 nov 2023			
USER/INSTALLER RESPONSIBILITIES / Responsabilités de l'utilisateur/installateur This certificate does not automatically constitute authority to install the item(s). Ce document ne constitue pas forcément l'autorisation d'installer l'(es) item(s) Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Quand l'utilisateur/installateur travaille selon les réglementations d'une autorité de navigabilité différente de l'autorité de navigabilité mentionnée dans la case 1, il est essentiel que l'utilisateur/installateur s'assure que son autorité de navigabilité accepte les items libérés par l'autorité de navigabilité mentionnée dans la case 1. Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. Les indications portées en cases 13a et 14a ne constituent pas une certification de montage. Dans tous les cas le dossier d'entretien de l'aéronef doit contenir une certification d'installation délivrée conformément aux règlements nationaux par l'utilisateur/installateur avant que l'aéronef puisse voler.											

Notification : 3810435

Date: 12.APR.2023

Customer : AJ WALTER AVIATION LTD	Purch. order : R409428	TSN : UNK H
P/N IN : 3945129100:F9111	Date : 12.APR.2023	TSO : UNK H
S/N IN : ELACVB027004		TSR : UNK H
Amdt IN : A;B;C;D;E;F;G;H;J;K;M		CSN : UNK
		CSO : UNK
P/N OUT : 3945129100:F9111		
S/N OUT : ELACVB027004		
Amdt out : A;B;C;D;E;F;G;H;J;K;M	Container type : Package not reusable	Exam. type :
	Packaging :	Devis : YES
Cust. P/N :	Container : Wedge foam+paper (+b)	
Description : ELAC B (ELEVATOR AILERON COM	Seals : Seals broken	
	ESD protection :	Release Cert :
		CAA United Kingdom
Air. Type : A321		EASA / FAR / TCCA Part 145
Air. Num : A321/5074		
Air. Regist. : YL-LDS		

REASON OF REMOVAL Date of removal : Unknown
RFR : WATER BOILER AFT GALLEY INOP. R/H (FAC NG AFT)

PO/RO Review : RPA FR



Notif : 3810435

INVESTIGATIONS (visual and functional)

The customer asks RFR : WATER BOILER AFT GALLEY INOP. R/H (FAC NG AFT).

Visual inspection found not satisfactory (see a picture and JIRA 39222).
The seals are not from Thales.

Configuration of ELAC:
E13162AC E13162072570 ABC
E13159FB00 E13159072576 ABC
E13158FC00 E13158072696 ABC
E13158EC00 E13158072679 ABC
E13159EB00 E13159072574 ABC
E13163AC E13163072419 ABC
E13145CA E13145075252 NONE
E13160DA E13160074852 NONE
E13161CA E13161075504 NONE
Amendment ABCDEFGHJKM

MISUSE: all board has been inspected and cleaned up according to the CMM and JIRA 39222.

CORRECTIVE ACTIONS : RE Repaired

LRU cleaning.
LRU name Interco board PN E13160DA SN E13160074852 repaired by replacing component(s) to correct misuse.
Bite cleared.
Performed Final Acceptance Test and Inspection per CMM , on ATEC BNG PCSXN5.

TASK IN ACCORDANCE WITH REASON OF REMOVAL : YES

REFERENCE DOCUMENT

CMM 27-93-35A REV22 SEP 18/2023
TT 27-93-35B REV21 SEP 20/2023
IPC 27-93-35C REV25 SEP 18/2023

ITEMS REPLACED

Part Number	Description	Location	Serial Number	Qty	Batch	Stat Nav
F1448786	SEAL,INTERFACIAL			4	1422406	O
F1448785	SEAL,INTERFACIAL			40	1768449	O

PRELIMINARY INSPECTION :

NAME : Guillaume ARNAUD

PERFORMED BY :

NAME : Guillaume ARNAUD
DATE : 10.NOV.2023
SIGNATURE :

APPROVED BY :

Stamp :

