

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number M937918-2-00	
4. Organization Name and Address: THALES SOLUTIONS ASIA Pte Ltd. 21 CHANGI NORTH RISE SINGAPORE 498788		5. Work Order/Contract/Invoice Number: 170637			
6. Item 01		7. Description ASSY, TPCU, CRADLE/CORD REEL		8. Part Number 178495-B01	
9. Eligibility* N/A		10. Qty 1		11. Serial/Batch N° A0410423	
12. Status/Work REPAIRED					
13. Remarks: DETAILS OF WORK DONE CAN BE FOUND IN OUR WORK ORDER 5172094 Amendments :E:01;02;03;04;05;06;07;08;09;10;11;13 CMM 44-20-93 REV12 JUL15/10 SB 178495-44-014 REV:01 RETURN TO SERVICE					
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation ☐ Non-approved design data specified in Block 13.					
15. Authorized Signature:		16. Approval/Authorization No.:		19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
17. Name (Typed or Printed):		18. Date:		20. Authorized Signature: TASC WS 31	
21. Approval/Certificate No.: S7QY329N		22. Name (Typed or Printed): NG Sin Leem		23. Date (m/d/y): FEB.03.2012	
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.					
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.					
Statements in Blocks 14 and 19 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.					

1. Approving Competent Authority / Country / Autorité Compétente/Pays DIRECTION GENERALE DE L'AVIATION CIVILE FRANCE		2. THALES THALES SOLUTIONS ASIA Pte Ltd. 21 Changi North Rise. Singapore 498788		AUTHORISED RELEASE CERTIFICATE <i>Certificat Libératoire Autorisé</i> EASA FORM 1 <i>Formulaire 1 de l'EASA</i>			3. Form Tracking Number <i>N° de repère du Formulaire</i> M751416-2-00				
4. Organisation Name and Address : <i>Nom et Adresse de l'Organisme :</i>				5. Work Order / Contract / Invoice <i>Bon de commande / Contrat / Facture</i> 170637							
6. Item / Item		7. Description / Description		8. Part No. / N° de pièce		9. Qty / Qté		10. Serial No. / N° série		11. Status / Work / Etat / Travaux	
01		ASSY.TDPCU, CRADLE/CORD REEL		178495-B01		1		A0410423		REPAIRED	
12. Remarks / Remarques According to attached workshop report :5172094 Amendments :E;01;02;03;04;05;06;07;08;09;10;11;13 CMM 44-20-93 REV12 JUL15/10 SB 178495-44-014 REV:01											
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 <i>Selon Partie 145.A.50</i> 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. ☐ Other regulation specified in block 12 Autre réglementation précisée en case 12							
13b. Authorised Signature <i>Signature autorisée</i>		13c. Approval/Authorisation Number <i>Numéro d'agrément/d'autorisation</i>		14b. Authorised Signature <i>Signature autorisée</i>		14c. Certificate/Approval Ref. No <i>N° du Certificat/Agrément</i>					
13d. Name / Nom		13e. Date (dd mmm yyyy) / Date (jj mmm aaaa)		14d. Name / Nom		14e. Date (dd mmm yyyy) / Date (jj mmm aaaa)					
				NG Sin Leem		EASA.145.0148		03.Feb.2012			
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 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.											
EASA Form 1 Issue 2 / Formulaire 1 de l'EASA Edition 2											

Notification : 5172094

Date: 16.JAN.2012

Customer : AJ WALTER AVIATION LTD	Purch. order : 170637	TSN :
	Date : 11.JAN.2012	TSO :
P/N IN : 178495-B01:0LWJ2		TSR :
S/N IN : A0410423		CSN :
Amdt IN : E;01;02;03;04;05;06;07;08;09;10;11		CSO :
P/N OUT : 178495-B01:0LWJ2		
S/N OUT : A0410423		
Amdt out : E;01;02;03;04;05;06;07;08;09;10;11;13	Container type : Package not reusable	Exam. type :
Cust. P/N :	Packaging : Carboard box deterioro	Estimate : NO
Description : ASSY,TDPCU, CRADLE/CORD REEL	Container : Wedge foam deteriora	
	Seals :	
	ESD protection : No: ESD not conform	Release Cert :
		EASA Part 145
Air. Type : 767		FAR145
Air. Num : 767/25534		
Air. Regist. : UR-AAH	BM63 : IFE-018	

REASON OF REMOVAL
INOP

Date of removal : Unknown

PO/RO Review : Erica LIM



Notif : 5172094

RECEIVING INSPECTION

INVESTIGATIONS (visual and functional)

VISUAL INSPECTION: CRADLE AND COVER ACCESS DAMAGED. AUDIO KEYPAD WORN OFF. INTERACTIVE KEYPAD WORN OFF.

CORRECTIVE ACTIONS : MR Repaired and Modified

FUNCTIONAL TESTING: FAILED BUTTON TEST AND S/W APPLICATION TEST.

FOUND MAIN PCB AND OPTION BOARD FAULTY.

REPLACED MAIN AND OPTION PCB BY INSTALLING MOD 13 AS PER SB178495-44-014 REV:01.

OPTION PCB (S/N IN: 1012012638, OUT: 40280435)

MAIN PCB (S/N IN: 1102014234, OUT: 0711007043)

REPLACED AUDIO KEYPAD, CRADLE, COVER ACCESS AND INTERACTIVE KEYPAD.

CLEANED UNIT.

FINAL TESTING: PASSED.

TASK IN ACCORDANCE WITH REASON OF REMOVAL : NO

REFERENCE DOCUMENT

CMM 44-20-93 REV12 JUL15/10

ITEMS REPLACED

Part Number	Description	Location	Serial Number	Qty	Batch
252721-01	PCBA,TDPCU,MAIN BOARD			1	90586
252718-01	PCBA,TDPCU,OPTION BOARD			1	90732
246804-C01	COVER,ACCESS			1	57803
246838-01	KEYPAD AUD/VID/SER TDPCU			1	94626
246912-01	KEYPAD INTERATIVE TDPCU			1	57010
178328-C01	CRADLE,CORDREEL			1	77256

REPAIR TECHNICIAN :

NAME : NG Sin Leem

DATE : 03.FEB.2012

STAMP :

SIGNATURE :

TASG
WS 31