

1. Approving Competent Authority /
Country / *Autorité Compétente/Pays*
**DIRECTION GENERALE DE
L'AVIATION CIVILE
FRANCE**

2. **AUTHORISED RELEASE CERTIFICATE**
Certificat Libératoire Autorisé
EASA FORM 1
Formulaire 1 de l'EASA

3. Form Tracking Number
N° de repère du Formulaire
M751523-2-00

4. Organisation Name and Address :
Nom et Adresse de l'Organisme :
THALES SOLUTIONS ASIA Pte
Ltd.
21 Changi North Rise.
Singapore 498788

5. Work Order / Contract / Invoice
Bon de commande / Contrat / Facture
170586

THALES

6. Item / <i>Item</i>	7. Description / <i>Description</i>	8. Part No. / <i>N° de pièce</i>	9. Qty / <i>Qté</i>	10. Serial No. / <i>N° série</i>	11. Status / Work / <i>Etat / Travaux</i>
01	ASSY,TDPCU, CRADLE/CORD REEL	178495-B01	1	A0508309	REPAIRED

12. Remarks / *Remarques*
According to attached workshop report :5172090

Amendments :F: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 : ☐ <i>Certifie que les éléments identifiés ci-dessus ont été fabriqués conformément aux :</i> approved design data and are in a condition for safe operation <i>données de conception approuvées et sont en état de fonctionner en toute sécurité</i> ☐ non-approved design data specified in block 12 <i>données de conception non approuvées spécifiées dans la case 12</i>		14a. ☒ Part 145.A.50 Release to Service <i>Approbation pour remise en service</i> 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. <i>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.</i> ☐ Other regulation specified in block 12 <i>Autre réglementation précisée en case 12</i>	
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> EASA.145.0148
13d. Name / <i>Nom</i>	13e. Date (dd mm yyyy) / <i>Date (jj mmn aaa)</i>	14d. Name / <i>Nom</i> NG Sin Leem	14e. Date (dd mm yyyy) / <i>Date (jj mmn aaa)</i> 06.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 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 règlements 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.

1. Approving National Aviation
Authority/Country:
FAA/UNITED STATES

2.

AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number

M938009-2-00

4. Organization Name and Address:

THALES SOLUTIONS ASIA Pte Ltd.
21 CHANGI NORTH RISE
SINGAPORE 498788

5. Work Order/Contract/Invoice Number:

170586

Approval/Certificate No.: S7QY329N

6. Item	7. Description	8. Part Number	9. Eligibility*	10. Qty	11. Serial/Batch No	12. Status/Work
01	ASSY, TDPCU, CRADLE/CORD REEL	178495-B01	N/A	1	A0508309	REPAIRED

13. Remarks:

DETAILS OF WORK DONE CAN BE FOUND IN OUR WORK ORDER 5172090
Amendments :F:01;02;03;04;05;06;07;08;09;10;11;13

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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.

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.

15. Authorized Signature:

16. Approval/Authorization No.:

20. Authorized Signature:

21. Approval/Certificate No.:

17. Name (Typed or Printed):

18. Date:

22. Name (Typed or Printed):

NG Sin Leem

23. Date (m/d/y):

FEB.06.2012

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.

Notification : 5172090

Date: 16.JAN.2012

Customer : AJ WALTER AVIATION LTD
P/N IN : 178495-B01:0LWJ2
S/N IN : A0508309
Amdt IN : F;01;02;03;04;05;06;07;08;09;
10;11
P/N OUT : 178495-B01:0LWJ2
S/N OUT : A0508309
Amdt out : F;01;02;03;04;05;06;07;08;09;
10;11;13
Cust. P/N :
Description : ASSY,TDPCU, CRADLE/CORD REEL

Air. Type : 767
Air. Num : 767/25534
Air. Regist. : UR-AAH

Purch. order : 170586
Date : 11.JAN.2012

Container type : Package not reusable
Packaging : Carboard box deterioro
Container : Wedge foam deteriora
Seals :
ESD protection : No: ESD not conform

TSN :
TSO :
TSR :
CSN :
CSO :

Exam. type :
Estimate : NO

Release Cert :
EASA Part 145
FAR145

BM63 : IFE-018

REASON OF REMOVAL

INOP

Date of removal : Unknown

PO/RO Review : Erica LIM



Notif : 5172090

RECEIVING INSPECTION

INVESTIGATIONS (visual and functional)

VISUAL INSPECTION: FRONT HOUSING DAMAGED. AUDIO KEYPAD AND INTERACTIVE FADED. MOUSE BUTTON BROKEN.

CORRECTIVE ACTIONS : MR Repaired and Modified

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

FOUND OPTION PCB AND CRADLE FAULTY.
REPLACED OPTION PCB BY INSTALLING MOD 6 AS PER SB 178495-44-014 REV:01
OPTION PCB (S/N IN: 1101013317, OUT: 35040248)
MAIN PCB (S/N IN: 1102013843, OUT: 800806).
REPLACED FRONT HOUSING, AUDIO KEYPAD, CRADLE 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
246836-C01	HSG,FRONT,TDPCU			1	78247
246838-01	KEYPAD AUD/VID/SER TDPCU			1	94626
246912-01	KEYPAD INTERACTIVE TDPCU			1	57010
178328-C01	CRADLE,CORDREEL			1	77256

REPAIR TECHNICIAN :

NAME : NG Sin Leem

DATE : 06.FEB.2012

STAMP :

SIGNATURE :

TASG
MS 31