

1. Approving Civil Aviation Authority/Country:		2.		3. Form Tracking Number	
FAA/UNITED STATES Authority/Country:		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		RMA0022526-1	
4. Organization Name and Address:		KORY ELECTRONICS COMPANY 11910 BEVERLY PARK ROAD EVERETT, WA 98204 (KE7R393J)		5. Work Order/Contract/Invoice Number: 90531597	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	CONTROL PANEL, CARGO FIRE	411000-001	1	411000AA0157	REPAIRED
12. Remarks: Repaired and tested per CMM 80-11-01, Rev 8, Dated 27 Aug 2015, Ref JO: RMA0022526-1. Service Bulletin 411000-80-01, Rev 1, Dated 20 Apr 2015.					
Certifies that the work specified in Blocks 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the product/article is considered ready for release to service under EASA Part 145 Approval Number EASA.145.4618.					
13a. Certifies the items identified above were manufactured in conformity to:		14a.			
☐ ☐ ☐		☒ 14 CFR 43.9 Return 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 Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:	13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate No.:
					KE7R393J
13d. Name (Typed or Printed)	13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy)
			Thuy Tran		06 Nov 2019
User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. 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 authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country 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.					

Korrry Electronics Co. 11910 Beverly Park Rd Everett, WA 98204	Tel: (425) 297-9700 Fax: (425) 297-9864 www.korrry.com	Acceptance Test Report
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Korrry Part No.	411000-001	Rev	K	Test Procedure No.	419013	Rev	H	Date	11/06/2019
Customer Part No.	N/A	Rev	N/A	Customer	Boeing/SR TECHNICS SWITZERLAND	Part Name	CARGO FIRE		
Job Order No.	S000110123-1	Qty	1	Purchase Order No.	90531597	Serial Number	411000AA0157		

Test Requirements Para D/C:1244R Test Unit Readings

RIM Test	3.1	TEST NOT REQUIRED PER CMM	11/06/2019	Examination	4.1	K424	TEST NOT REQUIRED PER CMM	11/06/2019
				Insulation Resistance Test	4.2	K424		
				Dielectric Strength Test	4.2	K424		
				Functional Test	4.3, 4.4	K424		
				Special Steps for Window Heat/Emergency Assemblies (N/A for others)	4.4.5	TEST NOT REQUIRED PER CMM		

FINAL INSPECTION
PERFORMED BY

K424

DATE 11/06/2019

Korry - Repair Action Report



Customer Name: SR TECHNICS SWITZERLAND	RMA No. RMA0022526-1
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Korry Part Number	Quantity	Korry Part Description	Outgoing Part Number
411000-001	1	CONTROL PANEL, CARGO FIRE	411000-001
Customer PO	Customer Part	Customer Rejection No.	Order Disposition
90531597			REW

Korry Serial No. 411000AA0157	As Received Condition	Date Code 103112
Customer Serial No.	Type	Used

Shop Findings

Customer Rejection:	ENGINE STARTERS R 241 106 42
As Received Condition:	

Unit is at Black Label Configuration. Rev. J.
The panel Assy. received with protective films on lightplates surface and show normal wear and tear with no outer visible damage. The bottom lightplate has small chip in paint. The 1/4 turn fasteners have tool marks; rear cover has scratches on the sidewall. Connectors have protective ESD cover. Orange compound adhesive between the connector and back cover.
Photos on file: RMA22526/TT&E

Evaluation Findings:
Customer problem has been confirmed.
Unit passed functional test per CMM with exception of ENGINE START "R" rotation 360 degree. Otherwise, unit passed functional test per CMM.
Performed fault log for both PIP A and PIP B has failure report "Discrete Input Validity Fail at Power-on & Intermittent". Per CMM this report was indicated fail on the rotary switch ENG "R" & "GND TEST". The rotary switches ENGINE START "L & R" will be replaced per Service Bulletin 411000-80-01 and the rotary switch "GND TEST" also replaced at customer expense due to out of warranty period from the date of shipment.

Direct Cause:	
Age, use and wear:	

Time Since New	Cycles Since New	Time Since Installed
27565	3608	

The information contained herein is non-technical data

Printed Mike Huynh
By:



Cycles Since Installed		
Time Since Overhaul		
Cycles Since Overhaul		
Completion Date	09/24/2019 12:01	

Shop Action

Action Description:	
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Rework unit per CMM 80-11-01. Rev: 8 Date 27 Aug 2015

- * Remove and replace switch per Service Bulletin 411000-80-01.
- * Remove and replace switch "GND TEST" per CMM.
- * Replace new label on unit with MOD bubble black mark.
- * Replace new label on unit, use date code 1244 when reprinting with an R on new label.
- * Clean and touch-up paint on unit as required.
- * Final inspect and functional test per CMM.

ATP Required:	ATP Sections Required:	Lighting Test Required:
Test per CMM for return to service.		

Note: Creation or submittal of ATP test data is according to the ATP or applicable inspection alerts or Purchase Order requirements.

Special Requirements:	
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Unit is to ship at Rev: K

The information contained herein is non-technical data