

1. APPROVING COMPETENT AUTHORITY / COUNTRY CIVIL AVIATION AUTHORITY UNITED KINGDOM		2.		3. FORM TRACKING NUMBER 80181196 / 1	
4. ORGANISATION NAME AND ADDRESS Ipeco Holdings Ltd. Ipeco		Registered in England No. 672443		Registered Office: Ipeco A Division of IPECO Holdings Ltd Building 4 Aviation Way Southend-on-Sea SS2 6UN	
5. WORK ORDER / CONTRACT / INVOICE 180124 A.J. Walter (Aviation) Ltd 6010991		VAT Registration No. GB 250 3726 82		Telephone: 44 (0) 1702 209329 Fax: 44 (0) 1702 540782 E-Mail: QUALITY@ipeco.co.uk	
6. ITEM	7. DESCRIPTION	8. PART NO.	9. QTY.	10. SERIAL NO.	11. STATUS / WORK
10300	AIRCRAFT REFRIGERATOR	700-006-000	1.00	29	REPAIRED
12 REMARKS REPAIRED IN ACCORDANCE WITH SR 300000587.					
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 145A.50 Release to Service ☐ Other regulation specified 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: UK.21G.2071		14b. AUTHORISED SIGNATURE: <i>BL 6</i> C/O	
13d. NAME:		13e. DATE: (dd mmm yyyy)		14c. CERTIFICATE / APPROVAL REF. NO.: UK.145.00709	
				14e. DATE: (dd mmm yyyy) 17 JUL 2012	
USERS / 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.



Product Repair Survey Report

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Date	18.06.2012	Report Number	300000587
Work Order No.	4011176	Issue Number	001

CUSTOMER DETAILS

Customer Name	A.J. Walter (Aviation) Ltd			Order Number	180124
Customer No.	60392	Location	GB	NCR Number	N/A

PRODUCT DETAILS

Received as	700-006-000	Quantity	1	Material Issue No.	MD0
Description	AIRCRAFT REFRIGERATOR			Current Issue No.	01
Release as	700-006-000			Release Issue No.	MD0
S.O. Number	6010991			GRN Number	84012396

PRODUCT - SERVICE / HISTORY DETAILS

Time Since New	09 yrs 00 mths	Time Since Repaired	02 yrs 09 mths	Flying Hours	N/A
Serial Number	29	Manufacturing Date	02.05.2003	Orig. Rel. Note	N/A

APPLICABLE DRAWINGS / MANUALS / ACCEPTANCE TEST PROCEDURES

Drawing Number	N/A	Issue Number	N/A
C.M.M. Number	25-36-25	Issue Number	5
A.T.P. Number	N/A	Issue Number	N/A

Other applicable Design Data or Info. D.O.I. / S.B. RS65, RS83

REPAIR / NON-CONFORMITY SURVEY

Has the Customer made a Warranty Claim?	NO	If YES, is the Claim valid?	NO
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Customer Reported Fault

Not Cooling



Initial Inspection

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NOTE: IF WARRANTY IS CLAIMED. EXPLAIN WHY THE CLAIM IS VALID, PARTIALLY VALID OR INVALID

Sales Action	REPAIR IN ACCORDANCE WITH 4011176
Warranty Claim:	NO

Item No	Inspection Text
1	Refrigerator not cooling, capillary tube blocked due to contaminants from worn compressor.
2	'CHILL' indicator lamp failed.
3	Refrigerator dirty, scratched and marked. Galley fixing frame attached to left side.
4	Power supply harness connector P6 retaining catches broken.



Repair Plan Action

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Issue No.	001

Ops	Repair Plan Details
0010	SURVEY AND REPAIR
0020	Replace capillary tube assembly, Ref repair scheme RS83.
0030	Replace compressor, Ref repair scheme RS65.
0040	Proof pressure test refrigeration system in accordance with repair scheme RS109.
0050	Clean refrigerator. Ref CMM pg 401/2.
0060	Replace 'CHILL' indicator lamp, ref CMM pages 302 and 702.
0070	Replace power supply harness receptacle P6, Ref repair scheme RS138.
0080	Functional test in accordance with CMM test procedures. Ref CMM pg 101-103.



Repair Plan Parts

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Issue No.	001

Ops	Part Number	Qty	Description	Agree to Fit	Design Authority to Proceed or Comment
0020	358-625	1.00	CAPILLARY TUBE ASSY	Yes	
0020	146-858	1.00	FILTER DRIER 1B7227	Yes	
0020	130-131	1.00	LOKRING CONNECTOR HRP 117226	Yes	
0020	AD44SS	23.00	RIVET POP 3.2mm DOMED 071-421	Yes	
0020	AK44SS	27.00	RIVET POP CSK HD CLOSED 1/8"	Yes	
0020	AD46SS	2.00	RIVET (071-422)	Yes	
0020	TAP/K-416BS	17.00	RIVET CSK POP 3.2 X 18.2MMLG (072-447)	Yes	
0020	559-550	30.00	TIE-WRAP (FARNELL 116-9064))	Yes	
0030	520-820	1.00	COMPRESSOR (WELCO)	Yes	
0030	50418	1.00	ACCESS FITTING (HRP 167206)	Yes	
0030	559-571	1.00	GROMMET USE SP95-C12	Yes	
0030	SP95-C12	0.00	GROMMET (559-571)	Yes	
0030	556-434	6.00	PINS 18-16AWG (365-1988)	Yes	
0030	556-925	1.00	CRIMP TERM FARNELL (999-2880)	Yes	
0030	556-471	1.00	CONNECTOR 6 WAY (535-849)	Yes	
0030	559-950	1.00	CABLE 20AWG BATT 33121	Yes	
0030	559-952	0.50	CABLE 16AWG BATT 33157	Yes	
0060	549-800	1.00	LAMP FILAMENT FARNELL 113-9374	Yes	
0070	556-470	1.00	CONNECTOR 4 WAY (535-837)	Yes	
0070	559-556	1.00	TIE-WRAP 300 X 4.8 (FARNELL 1712186)	Yes	