

1. Approving Civil Aviation Authority/Country FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 6L6HA0001001001	
4. Organization Name and Address: Duncan Aviation/3701 Aviation Road/Lincoln, NE 68524 JGVR194F				5. Work Order/Contract/Invoice Number: 6L6HA		
6. Item: 1	7. Description: ADF RECEIVER	8. Part Number: 777-1492-003	9. Quantity: 1	10. Serial Number: 2318	11. Status/Work: Repaired	
12. Remarks: Customer: AJ WALTER AVIATION LTD Discrepancy: Evaluate. Preliminary Findings: Bench checked and found audio output to be low. Troubleshoot and found audio amplifier to be out of alignment. Also found leaky capacitors and suspect diodes in power supply. Corrective Actions: Aligned audio amplifier. Replaced capacitors and diodes. Function tested per ROCKWELL COLLINS 51Y-7/7A/7C/7D ADF Receiver Component Maintenance Manual, Edition 1, Revision 4, dated 11/15/1993. Duncan Aviation certifies that the work specified in Blocks 11 and 12 was performed IAW EASA part 145, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number EASA.145.4392. All EASA/FAA Airworthiness Directives are the responsibility of the installer. No current U.S. Airworthiness Directives apply. Technician: Matt R Leber This document constitutes a signed copy of the work order Approval for return to service See attached parts list						
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulations 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: DUNCAN QI 1519		14c. Approval/Certificate No.: JGVR194F
13d. Name (Type or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Type or Printed): Dustin C Johnson		14e. Date (dd/mm/yyyy): 19 Apr 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.						

Parts List

<u>Part Number</u>	<u>Part Description</u>	<u>Serial Number</u>	<u>Quantity</u>
183-1277-070	CAPACTIOR		2.000
183-1277-100	CAPACITOR		1.000
183-1277-110	CAPACITOR		1.000
183-1277-130	CAPACITOR		1.000
183-1277-150	CAPACITOR		1.000
183-1277-250	CAPACITOR		1.000
183-1277-260	CAPACITOR		1.000
183-1277-570	CAPACITOR		1.000
353-6496-020	DIODE		11.000
353-6496-020	DIODE		1.000
353-6496-020	DIODE		5.000

Date 4/19/19

Work Order 6L6HA

WORK ORDER PRINT

3701 AVIATION RD
LINCOLN, NE 68524
(402) 475-2611


Job Detail

Customer: AJ Walter Aviation Ltd
The Headquarters
Maydwell Avenue
Slinfold RH13 0SH
ENGLAND

Customer 101170
Customer P.O. U15663
Registration
Date In 3/22/19
Project Manager COLLINS/51Y-7/2318

CUSTOMER SQUAWKS

- 1 Preliminary Findings: Bench checked and found audio output to be low. Troubleshoot and found audio amplifier to be out of alignment. Also found leaky capacitors and suspect diodes in power supply.

Corrective Actions: Aligned audio amplifier. Replaced capacitors and diodes. Function tested per ROCKWELL COLLINS 51Y-7/7A/7C/7D ADF Receiver Component Maintenance Manual, Edition 1, Revision 4, dated 11/15/1993.
P/N 777-1492-003 S/N 2318 M/N 51Y-7

Parts	Qty	Unit Price	EA	Amount
183-1277-070	2.00		EA	
CAPACTIOR				
183-1277-100	1.00		EA	
CAPACITOR				
183-1277-110	1.00		EA	
CAPACITOR				
183-1277-130	1.00		EA	
CAPACITOR				
183-1277-150	1.00		EA	
CAPACITOR				
183-1277-250	1.00		EA	
CAPACITOR				
183-1277-260	1.00		EA	
CAPACITOR				
183-1277-570	1.00		EA	
CAPACITOR				
353-6496-020	1.00		EA	
DIODE				
353-6496-020	5.00		EA	
DIODE				
353-6496-020	11.00		EA	
DIODE				
Quoted Parts	Quoted Labor	O/S	Total	
280.50	535.20	.00	815.70	

DUNCAN
AVIATION



Date 4/19/19

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Work Order 6L6HA

WORK ORDER PRINT

3701 AVIATION RD
LINCOLN, NE 68524
(402) 475-2611

Job Detail

CUSTOMER SQUAWKS

Parts	Labor	O/S	Total
280.50	535.20	.00	815.70

OTHER	Unit Price	Amount
Haz Waste Disposal		.00
Freight: K39516, 353-6469-02	8.70	8.70
FEDEX INTERNATIONAL PRIORITY		.00
Freight: Stock Frt/Handling	11.16	11.16
Parts	Labor	O/S
.00	.00	19.86
		Total
		19.86

WORK ORDER TOTALS

Parts	Labor	O/S	Total
280.50	535.20	19.86	835.56

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

15:56:48 * * * * THIS IS A FINAL WORK ORDER * * * * THEIA 4/19/19