


1. Approving Civil Aviation Authority / Country: <div style="text-align: center;">FAA / United States</div>		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: <div style="text-align: center;">R325866</div>	
4. Organization Name and Address: Praxis Resources, Inc. 2085 S. Bluejay Dr. Suite 101 Gilbert, Arizona 85295 (480) 545-1646 FAA Repair Station #O3WR138O					5. Work Order/Contract/Invoice Number: <div style="text-align: center;">150431</div>	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	AVM Signal Conditioner	6670M2227	1	BC65	REPAIRED	
12. Remarks: Repaired and tested serviceable per Endeveco CMM 77-30-30, Rev. 1 dated 11OCT1991. This certifies that the work specified in Blocks 11/12 was carried out in accordance with EASA Part-145, with respect to that work, the component is considered ready for release to service under EASA Part-145 Approval Number EASA.145.5131. Pertinent Details of the work performed are on the accompanying work order and on file at this repair station under the Work Order listed in block 5.						
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in 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 type="checkbox"/> 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.:
						O3WR138O
13d. Name (Typed or Printed):		13e. Date:(dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
				Eric Stevens		29SEP2017
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 accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1						
Statements in block 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.						



Praxis™ Resources, Inc.

2085 South Bluejay Drive, Ste 101
Gilbert, Arizona 85295

480 > 545-1646 PH
480 > 545-1546 FX

info@praxisresources.com
praxisresources.com



Avionics Repair Information

A.J. WALTER AVIATION

P:

F:

Repair Order: **R325866**

WO: **150431**

MFG Part #: 6670M2227

MFG S/N #: BC65

Part: AVM Signal Conditioner

Customer Part #: NA

Customer S/N: NA

QTY: 1

Customer Fault Information

NO VIBRATION INDICATION IN COCKPIT

Preliminary Inspection ☒

Hidden Damage ☒

Customer Complaint: Verified customer complaint

Maintenance Information

Repair

Endevco CMM 77-30-30 rev. 1 dated 11 OCT 1991, verified 29 SEP 2017, SA438.
No FAA or EASA Ads applicable.

SHOP FINDINGS:

Preliminary inspection reveals no unusual conditions.

Initial testing indicates that the unit fails steps 3.2 (all meter output voltages too low), 3.3 (all flight deck switch voltages too low), 4.2 (aids voltages too low), and 5.2, 5.3, and 5.4 (all scalar readings at 0), due to a faulty transistor Q1 on the tach shaper PCB. Faulty transistor Q1 is shutting down the outputs of the tach shaper PCB.

Replaced Q1 on the tach shaper PCB.

Inspected connectors, wiring and PCBs.

Cleaned and assembled unit.

Unit repaired and tested serviceable IAW Endevco CMM 77-30-30 rev. 1 dated 11 OCT 1991.

Technician:

T. Digges SA438

Date:

29 Sep 2017

Inspected By:

E. J. SA065

Date:

29 SEP 2017

Parts Used in Maintenance

Part #	Description	QTY	PO	Date Code
2N2484	TRANSISTOR	1	19697	