

1. Approving Civil Aviation Authority/Country FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 27QNB0001001001
---	---	---

4. Organization Name and Address: Duncan Aviation/3701 Aviation Road/Lincoln, NE 68524 JGVR194F			5. Work Order/Contract/Invoice Number: 27QNB		
6. Item: 1	7. Description: RADIO ALT RT	8. Part Number: 7001840-922	9. Quantity: 1	10. Serial Number: 89103200	11. Status/Work: Repaired

12. Remarks:

Customer: AAT AIRCRAFT MAINTENANCE *

Discrepancy: Intermittently fails TCAS and EGPWS.

Preliminary findings: Bench checked and could not duplicate the discrepancy. Inspected and found leaky power supply capacitors and STC out of manufacturer specifications.

Corrective action: Replaced capacitors, cleaned, aligned, and inspected. Function tested per HONEYWELL RT-300 Radio Altimeter Receiver Transmitter Component Maintenance Manual with Illustrated Parts Catalog, Revision 8, dated 09/01/2010.

Duncan Aviation certifies that the work specified in Blocks 12 and 13 was performed I.A.W. EASA Implementation Rule part 145 approval, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number EASA.145.4392. Certificate Number JGVR194F.

All EASA/FAA Airworthiness Directives are the responsibility of the installer.

No current U.S. Airworthiness Directives apply.

Technician: Dustin C Johnson

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: <i>Randall K Jurgens</i> DUNCAN QI 450	14c. Approval/Certificate No.: JGVR194F
13d. Name (Type or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Type or Printed): Randall K Jurgens	14e. Date (dd/mmm/yyyy): 16 May 2013

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>
7000041-65	CAP		2.000