

1. Approving Civil Aviation Authority/Country FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 5HEFA0001001001	
4. Organization Name and Address: Duncan Aviation/3701 Aviation Road/Lincoln, NE 68524 JGVR194F				5. Work Order/Contract/Invoice Number: 5HEFA		
6. Item: 1	7. Description: RADAR RT	8. Part Number: 4000502-0101	9. Quantity: 1	10. Serial Number: 3340	11. Status/Work: Overhauled	
12. Remarks: Customer: DUNCAN AVIATION DISCREPANCY: Evaluate for overhaul. PRELIMINARY FINDINGS: Bench checked and found unit operational. Opened and inspected, receiver and power supply needed capacitors replaced. Also several potentiometers were intermittent. CORRECTIVE ACTION: Disassembled, inspected, cleaned, repaired as necessary and reassembled. Aligned and environmentally tested. Overhauled. Unit functional tested per BENDIX RDR-1200/RDR-140 Weather Radar Systems Maintenance Manual, Revision 5, dated 07/01/1985. 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: Richard K Conner 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: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.				14a. ☒ 14 CFR 43.9 Return to Service ☒ 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>Zane E Parks</i> DUNCAN QI 100		14c. Approval/Certificate No.: JGVR194F
13d. Name (Type or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Type or Printed): Zane E Parks		14e. Date (dd/mm/yyyy): 20 Nov 2017
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.						