INDICATOR, RADIO MAGNETIC
TYPE NO. RMI-36
FAA TSO C6c
DO-138 ENV CAT. GAPAAAXXXXXX
WT 2.8 LB
S/N 9134
COLLINS PN 622-2506- 014
Collins General Aviation Division/Rockwell International
Cedar Rapids, IA 52498 USA/Mfd Melbourne, FL
CAPLUGS
DCC-15
MOD
5 6 7
9 10 11 12 13 14 15 16 17 18 19
20 21 22 23 24 25 26 27 28 29 30
31 32 33 34 35 36 37 38 39 40 41
42 43 44 45 A B C D E F
Warranty
Void If Seal

1. Approving National Aviation Authority/Country	2. AUTHORIZED RELEASE CERTIFICATE	3. Form Tracking Number:
FAA/UNITED STATES	FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	10E7A0001001001

4. Organization Name and Address:				5. Work Order/Contract/Invoice Number:	
Duncan Aviation/Lincoln Airport/Lincoln, NE 68524 JGVR194F				10E7A	
6. Item: / 7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number	12. Status/Work:
1 RADIO MAGNETIC INDICATOR	622-2506-014	N/A	1	9134	Overhauled

13. Remarks:

Customer: GREAT LAKES AVIATION LTD
Discrepancy: Evaluate and advise.

Preliminary findings: Bench checked and found following discrepancies. Compass card will not turn clockwise, very slow counter clockwise. Opened and inspected. Need to replace power supply capacitors. Compass card drive circuit has bad transistors. Motor has high start voltage. Need to disassemble and clean gear train.

Corrective action: Troubleshot and replaced defective parts. Disassembled and cleaned gear train. Aligned. Overhauled and certified. Inspected and functional tested to specifications. Unit functional tested per ROCKWELL COLLINS RMI-36 Radio Magnetic Indicator and BDI-36 Bearing Distance Indicator Instruction Book (Repair Manual #523-0766802-00411A), Edition 4, dated 03/01/1991.

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 145.4392.
All EASA/FAA Airworthiness Directives are the responsibility of the installer.
No current U.S. Airworthiness Directives apply.
Technician: JAMES A. HYDE
This document constitutes a signed copy of the work order
Approval for return to service
See attached parts list

Dius Parts

14. Certifies the items identified above were manufactured in confirmity to:	19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulations specified in Block 13
☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.	Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.

15. Authorized Signature:	16. Approval Authorization No.:	20. Authorized Signature: DUNCAN QI 10	21. Approval/Certificate No.:
		Philip A. Bohaty	JGVR194F
17. Name (Type or Printed):	18. Date (m/d/y):	22. Name (Type or Printed):	23. Date (m/d/y):
		PHILIP A. BOHATY	Oct 31, 2011

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in blocks 14 and 19 do not constitute installations 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.

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GREAT LAKES AIRLINES
CERT. # GLBA031A

GREAT LAKES AVIATION, Ltd.

ATA 34-50

SERVICEABLE PARTS TAG

PN 622-2506-014 | Name RMI36

SN 9134 | TSO | Date 11/5/11

O/H/Agency Duncan Aviation | WO# 10E7A / R21016

Shelf Life N/A | Insp. Neal Reed 12803

☐ New ☒ O/H ☐ Repaired ☐ Bench Ck. ☐ Removed Time. rem.____

Remarks:

Installation Data

A/C	TAT	Date
Log Page		Position
OFF S/N		Mech.

Cab6

Plus Parts

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