

1. Approving Civil Aviation
Authority/Country
FAA/UNITED STATES

2. **AUTHORIZED RELEASE CERTIFICATE**
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
KEEAA0001001001

4. Organization Name and Address:

Duncan Aviation/3701 Aviation Road/Lincoln, NE 68524 JGVR194F

5. Work Order/Contract/Invoice Number:
KEEAA

6. Item:

1

7. Description:

INTEGRATED AVIONICS COMPUTER

8. Part Number:

7017000-81162

9. Quantity:

1

10. Serial Number

96090823

11. Status/Work:

Repaired

12. Remarks:

Discrepancy: Evaluate for repair.

Preliminary findings: Bench checked unit and found defective power supply, Corrosion on A4 card and Roll turn knob defective.

Corrective action: Troubleshoot, replaced defective parts in roll turn knob and power supply circuits. Cleaned corrosion on A4 card connector. Function tested unit per Honeywell IC-500/HG-200 Display Guidance Computer and IC-600/IC-615/IC-1080 Integrated Avionics Computer Component Maintenance Manual with Illustrated Parts List Revision 10 Dated 28 APR 2021.

Incoming mods: B,C,D,E,G,J,L,R,AB,AD,AG

Incoming SW: 7017000-81162

Outgoing mods: B,C,D,E,G,J,L,R,AB,AD,AG

Outgoing SW: 7017000-81162

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.

All EASA AD's have been researched, none apply.

Technician: Steve Krings

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:

DUNCAN
QI 409

14c. Approval/Certificate No.:

JGVR194F

13d. Name (Type or Printed):

13e. Date (dd/mm/yyyy):

14d. Name (Type or Printed):

Nhat T Nguyen

14e. Date (dd/mm/yyyy):

20 Jun 2024

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.

Form 8130-3 (02-14)

NSN-0052-00-012-9005

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 **CAUTION**
ELECTROSTATIC SENSITIVE EQUIPMENT
SPECIAL HANDLING REQUIRED

Honeywell International Inc. IC-600
PART NO. 7017000-81162
TSO C2d, C3d, C4e, C6d, C8d, C10b, C34e, C40e,
C52e, C63e, C87, C113, C118, C119e
DO-178A LEVELS 1, 2, 3
SOFTWARE
MOD

A	B	C	D	E	F	G	H	J	K	L
M	N	P	R	S	T	U	V	W	Y	Z

21111 N. 19th Ave PHX, AZ 702039-54 REV. B

HONEYWELL INC. IC-600
HARDWARE PN: 7017000-81 
FULL PART NUMBER WITH 3 DIGIT SW VERSION ()
INDICATED ON SOFTWARE NAMEPLATE
SER NO. 96090823
WT 13.1 LB
DO-160C ENV CAT. [A2F2]YBC(LPYMNB)XXXXXX
ZZAZAVZLXX
HARDWARE
MOD

A	B	C	D	E	F	G	H	J	K	L
M	N	P	R	S	T	U	V	W	Y	Z

BUS. & COMMUTER AVN SYS DIV PHOENIX AZ USA

MOD

A	A	A	C	C	E	E	F	F	H	H	A	A	J	A	K	A	L				
A	M	A	N	A	P	A	R	A	S	A	T	A	U	A	V	A	W	A	Y	A	Z

Moisture Barrier Treated
Refer to E.B. 7020465

