QUALITY CONTROL
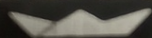
KAC 325 AUTOPILOT COMPUTER

P/N 065-0019-00   S/N 1565   WT. 6.5 lbs.

TSO C9c DO-138 ENV. CAT. AAOAAAEXXXXX

D.C. VOLTAGE/CURRENT 28 VDC/5 AMP. MAX.

A.C. VOLTAGE CURRENT 115VAC/.25 AMP

EQUIPPED WITH ADAPTER CARD SHOWN IN TOP COVER WINDOW

KING RADIO CORP., OLATHE, KANSAS, U.S.A.

MODS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 |

4. Organization Name and Address:						5. Work Order/Contract/Invoice Number:	
Duncan Aviation/3701 Aviation Road/Lincoln, NE 68524		JGVR194F				4DK5A	

6. Item:	7. Description:		8. Part Number:	9. Quantity:	10. Serial Number	11. Status/Work:
1	AUTOPILOT COMPUTER		065-0019-00	1	1565	Repaired

12. Remarks:

Customer: CENTRAL TEXAS AVIONICS INC *
Discrepancy: Autopilot will not engage.

Preliminary Findings: Bench checked and duplicated discrepancy. Found the power supply circuit inoperative. Also found P.C. board connectors dirty and adapter window scuffed.

Corrective Actions: Replaced defective components in the power supply circuit and the adapter window. Cleaned P.C. board connectors. Cleaned and resealed worked areas. Cleaned and painted unit. Function tested unit per KING RADIO CORPORATION KAC 325 Autopilot Computer Maintenance/Overhaul Manual, Revision 0, dated 07/01/1975.

NOTE: -16 adapter card installed in unit.

Duncan Aviation certifies that the work specified in Blocks 11 and 12 was performed IAW 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.
All EASA/FAA Airworthiness Directives are the responsibility of the installer.
No current U.S. Airworthiness Directives apply.
Technician: Chad D Ladwig
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:		14a. ☒ 14 CFR 43.9 Return to Service ☒ Other regulations specified in Block 12
☐ Approved design data and are in a condition for safe operation.		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.
☐ Non-approved design data specified in Block 12.		

13b. Authorized Signature:	13c. Approval Authorization No.:	14b. Authorized Signature: DUNCAN QI 407	14c. Approval/Certificate No. JGVR194F
13d. Name (Type or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Type or Printed): Eric A Olson	14e. Date (dd/mmm/yyyy): 11 Apr 2016

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.

NSN-0052-00-012-9005