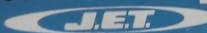




# NOSE STEERING COMPUTER

GATES LEARJET PM 6608278 - 1 PART NO 501-1211-01  
PWR 28VDC 1A 115V 1A 400 HZ MODEL NO CA400A  
DO 160 ENV CAT D2BOXWHDFSXBBXZ SERIAL NO 1671A  
MOD 1 2 3 4 5 6 7 8 9 10 11 12 SPEC NO 508-1194



Jet Electronics and Technology Inc.

GRAND RAPIDS, MI  
USA

WT LBS



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CRSF JGV194F W09 2Q63A

|                                                                                                           |                                                  |                                                                                         |                               |                                                        |                                          |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------------|------------------------------------------|
| 1. Approving National Aviation Authority/Country:<br><b>FAA/UNITED STATES</b>                             |                                                  | 2. <b>AUTHORIZED RELEASE CERTIFICATE</b><br>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG |                               | 3. Form Tracking Number:<br><b>2Q63A0001001001</b>     |                                          |
| 4. Organization Name and Address:<br><b>Duncan Aviation/3701 Aviation Road/Lincoln, NE 68524 JGVR194F</b> |                                                  |                                                                                         |                               | 5. Work Order/Contract/Invoice Number:<br><b>2Q63A</b> |                                          |
| 6. Item:<br><b>1</b>                                                                                      | 7. Description:<br><b>NOSE STEERING COMPUTER</b> | 8. Part Number:<br><b>501-1211-01</b>                                                   | 9. Eligibility:<br><b>N/A</b> | 10. Quantity:<br><b>1</b>                              | 11. Serial/Batch Number:<br><b>1671A</b> |
|                                                                                                           |                                                  |                                                                                         |                               |                                                        | 12. Status/Work:<br><b>Repaired</b>      |

13. Remarks:

Customer: AIRMARK INTERNATIONAL

Repair. Squawk: INOP. Tested and failed, INOP. Disassembled, inspected and troubleshot. Found: fuse blown, leaky capacitors, degradation of components (capacitors, transistors, diodes, gasket and resistors); bad IC; corroded connector.

Replaced: connector J1; resistors R27,50; fuse F1; transistors Q3,6,8; capacitors C1-27; ICU2 gaskets (#17). Inspected wiring and components, all ok. Sealed circuit board, calibrated and reassembled. Repaired and function tested per JET ELECTRONICS TECHNOLOGY INC NOSE STEERING COMPUTER AMPLIFIER Instruction Manual, REV 1, dated 12/01/1982. REPAIRED

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: James Abart

This document constitutes a signed copy of the work order

Approval for return to service

See attached parts list

|                                                                                                                                                                                                                                                      |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 14. Certifies the items identified above were manufactured in conformity to:<br><input type="checkbox"/> Approved design data and are in a condition for safe operation.<br><input type="checkbox"/> Non-approved design data specified in Block 13. |                                                    | 19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulations specified in Block 13<br>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. |                                           |
| 16. Authorized Signature:<br><i>James A Svoboda</i>                                                                                                                                                                                                  | 18. Approval Authorization No:<br>DUNCAN<br>QI 159 | 20. Authorized Signature:<br><i>James A Svoboda</i>                                                                                                                                                                                                                                                                                                                                                                                 | 21. Approval/Certificate No.:<br>JGVR194F |
| 17. Name (Type or Printed):<br>James A Svoboda                                                                                                                                                                                                       | 19. Date (m/d/y):<br>Jan 21, 2014                  | 22. Name (Type or Printed):<br>James A Svoboda                                                                                                                                                                                                                                                                                                                                                                                      | 23. Date (m/d/y):<br>Jan 21, 2014         |

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.

FAA Form 8130-3 \*6-01)

\* Installer must cross-check eligibility with applicable technical data.

NSN-0052-00-012-9005

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Page 1 of 2