

**TEARDOWN REPORT**

n° 3210047508

|                                     |                        |                               |                          |
|-------------------------------------|------------------------|-------------------------------|--------------------------|
| <b>CUSTOMER</b>                     | CUSTOMER               | C000010754                    | SABENA TECHNICS BORDEAUX |
|                                     | REPAIR ORDER           | 8200012313                    |                          |
|                                     | WARRANTY               |                               |                          |
|                                     | CONTRACT TYPE          |                               |                          |
|                                     | EXECUTION ORDER NUMBER | 100000234181                  |                          |
| <b>AIRCRAFT</b>                     | AIRCRAFT               | AIRBUS EQT                    |                          |
|                                     | SERIAL NUMBER          |                               |                          |
| <b>ITEM RECEIVED</b>                | PART NUMBER            | B473ACM2                      |                          |
|                                     | SERIAL NUMBER          | 395                           |                          |
|                                     | DESCRIPTION            | COMPUTER, CENTER GRAVITY CTRL |                          |
|                                     | SERVICE REQUESTED      | RP REPAIR                     |                          |
| <b>ITEM DELIVERED</b>               | PART NUMBER            | B473ACM2                      |                          |
|                                     | SERIAL NUMBER          | 395                           |                          |
|                                     | DESCRIPTION            | COMPUTER, CENTER GRAVITY CTRL |                          |
|                                     | SERVICE RENDERED       | RP REPAIR                     |                          |
| <b>INSPECTED IN ACCORDANCE WITH</b> | DOC.                   | 22-50-02A                     | REVISION 15              |
|                                     | TYPE                   | CMM                           | DATE 01/29/10            |

|        | TSN / CSN  | TSO / CSO | TSI / CSI |
|--------|------------|-----------|-----------|
| HOURS  | UNK        | UNK       | 000000 H  |
| CYCLES | UNK        | UNK       | 000000 C  |
| DATES  | 01/10/1988 |           |           |

|                           |                                                                                                                                         |                                         |                                                            |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------|
| <b>REASON FOR REMOVAL</b> | TRANSFERT AFT NOT AVAILABLE/INSPECTION & PROVIDE US WITH WORK SHOP REPORT ASAP                                                          |                                         |                                                            |
|                           | FAILURE CONFIRMED                                                                                                                       | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO <input type="checkbox"/> OTHER |
| <b>REMARKS</b>            |                                                                                                                                         |                                         |                                                            |
| <b>WARRANTY</b>           | <input type="checkbox"/> WARRANTY MANUFACTURER<br><input type="checkbox"/> WARRANTY REPAIRER                                            |                                         |                                                            |
|                           |                                                                                                                                         |                                         |                                                            |
| <b>CREATED BY</b>         |  <div style="text-align: right;">DATE 12/9/11</div> |                                         |                                                            |

BARFIELD INC.  
 5590 SHEPERSVILLE ROAD  
 LOUISVILLE, KY, 40228  
 USA  
 Phone : +1 (502) 366 6447

Repair Station No. XBI3995K

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**Work Description**

| <i>Material</i> | <i>Description</i> | <i>Qty</i> |
|-----------------|--------------------|------------|
| A1223834        | CAPACITOR          | 2          |

3.2 REPLACED DEFECTIVE COMPONENTS ON THE A22 'POWER SUPPLY' PRINTED CIRCUIT BOARD ASSEMBLY P/N U405AAM S/N'S 388.

**Shop findings****4 FINAL TEST.****Corrective actions**

4.1 TESTED W/I MFG SPECS.

(R) Reworked parts - (M) Missing parts upon arrival - (C) Parts provided by customer - (MC) Missing parts upon arrival and provided by customer

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Form 7.5.3-6

Repair Station No. XBI3995K

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3. AIRWORTHINESS APPROVAL TAG

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                               |                                                                                                                                                                                                                                                                                                                                                         |                    |                                                                                              |                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------|------------------------|
| 1. Approving National Aviation Authority / Country<br><b>FAA / United States</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               | 2.<br><b>3210047508</b>                                                                                                                                                                                                                                                                                                                                 |                    | 3. Form Tracking Number                                                                      |                        |
| 4. ORGANIZATION<br>NAME AND ADDRESS : <b>BARFIELD INC.<br/>5590 SHEPHERDSVILLE ROAD<br/>LOUISVILLE KY 40228</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                               |                                                                                                                                                                                                                                                                       |                    | 5. WORK ORDER, CONTRACT OR INVOICE NUMBER<br><b>8200012313 - 100000234181 / 100000234183</b> |                        |
| 6. ITEM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 7. DESCRIPTION                | 8. PART NUMBER                                                                                                                                                                                                                                                                                                                                          | 9. ELIGIBILITY (*) | 10. QTY.                                                                                     | 11. SERIAL / BATCH NO. |
| 001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | COMPUTER, CENTER GRAVITY CTRL | B473ACM2                                                                                                                                                                                                                                                                                                                                                | N/A                | 1                                                                                            | 395                    |
| 13. Remarks :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               | 12. STATUS / WORK<br><b>REPAIRED</b>                                                                                                                                                                                                                                                                                                                    |                    |                                                                                              |                        |
| <p>TSN/CSN UNK / UNK<br/>TSO/CSO UNK / UNK<br/>TSI/CSI 0 H / 0 C</p> <p>DOC TYPE: CMM REF.DOC.: 22-50-02A REVISION: 15 DATE DOC.: 01/29/10<br/>MOD./AMDT.ON ARRIVAL : /ABCD<br/>MOD./AMDT.ON DEPARTURE : /ABCD<br/>AD &amp; SB : N/A.</p> <p>Barfield certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number : EASA.145.5552</p>                                                                                                                                                                                                                                                                                         |                               |                                                                                                                                                                                                                                                                                                                                                         |                    |                                                                                              |                        |
| 14. Certifies the items identified above were manufactured in conformity to :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               | 19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service<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. |                    |                                                                                              |                        |
| 15. Authorized signature :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               | 20. Authorized signature :                                                                                                                                                                                                                                            |                    | 21. Approval / Certificate No. : <b>XBI3995K</b>                                             |                        |
| 17. Name (Typed or Printed) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               | 22. Name (Typed or Printed) : <b>Andrew Liddy</b>                                                                                                                                                                                                                                                                                                       |                    | 23. Date ( m d y ) : <b>DEC 09 2011</b>                                                      |                        |
| <p>16. Approval / Authorization No. :</p> <p>18. Date ( m d y ) :</p> <p><b>User / Installer Responsibilities</b></p> <p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>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 e</p> <p>Statements in Block 14 and 19 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.</p> |                               |                                                                                                                                                                                                                                                                                                                                                         |                    |                                                                                              |                        |

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



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|                    | FAILURE CONFIRMED                                                                             | <input checked="" type="checkbox"/> YES | <input type="checkbox"/> NO <input type="checkbox"/> OTHER |
| REMARKS            |                                                                                               |                                         |                                                            |
| WARRANTY           | <input type="checkbox"/> WARRANTY MANUFACTURER<br><input type="checkbox"/> WARRANTY REPAIRER  |                                         |                                                            |
| CREATED BY         | <br>81223 |                                         |                                                            |
|                    | DATE 12/9/11                                                                                  |                                         |                                                            |

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## Work Description

### Shop findings

- 1 PRELIMINARY INSPECTION FINDS BENT AND BROKEN PINS ON REAR CONNECTOR A1, B1, C1, D1.

### Corrective actions

- 1.1 REPLACED DAMAGED PINS.

| Material | Description | Qty |
|----------|-------------|-----|
| A1212090 | CONTACT PIN | 4   |

### Shop findings

- 2 UNIT FAILS THROUGHOUT TEST 13 'PART 8-11 EEPROMS COMMAND AND MONITOR SIDE DISPLAY' DUE TO DEFECTIVE A11 'COMMAND CPU' & A21 'MONITOR CPU' CIRCUIT BOARDS.

### Corrective actions

- 2.1 REPLACED THE A11 'COMMAND CPU' PRINTED CIRCUIT BOARD ASSEMBLY P/N C5269DDAM3 S/N 1298 W/S/N 482.

| Material   | Description | Qty |
|------------|-------------|-----|
| C5269DDAM3 | COMMAND CPU | 1   |

- 2.2 REPLACED THE A21 'MONITOR CPU' PRINTED CIRCUIT BOARD ASSEMBLY P/N C5269EDAM3 S/N 629 W/S/N 644.

| Material   | Description | Qty |
|------------|-------------|-----|
| C5269EDAM3 | MONITOR CPU | 1   |

### Shop findings

- 3 VISUAL INSPECTION REVEALS ELECTROLYTE LEAKAGE OF CAPACITOR C8 ON THE A12 & A22 'POWER SUPPLY' CIRCUIT BOARDS.

### Corrective actions

- 3.1 REPLACED DEFECTIVE COMPONENTS ON THE A12 'POWER SUPPLY' PRINTED CIRCUIT BOARD ASSEMBLY P/N U405AAM S/N'S 359.

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| 3.2             | REPLACED DEFECTIVE COMPONENTS ON THE A22 'POWER SUPPLY' PRINTED CIRCUIT BOARD ASSEMBLY P/N U405AAM S/N'S 388. |            |

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