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| 1. Approving Civil Aviation Authority/Country:<br><b>FAA/UNITED STATES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                | 2.<br><b>AUTHORIZED RELEASE CERTIFICATE</b><br><b>FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG</b> |              | 3. Form Tracking Number:<br><b>RL-8217</b>                                                   |                  |
| 4. Organization Name and Address:<br><b>Fortner Engineering &amp; Manufacturing</b><br><b>918 Thompson Avenue</b><br><b>Glendale, CA 91201-2079</b><br><b>USA</b><br><b>Ph: 818-240-7740, Fax: 818-240-1009</b><br><b>FAA Approval Holder: PU3R776L</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                |                                                                                                   |              | 5. Work Order/Contract/Invoice Number:<br><b>CUST PO : R376197</b><br><b>FEM JN: RL-8217</b> |                  |
| 6. Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7. Description:                | 8. Part Number:                                                                                   | 9. Quantity: | 10. Serial Number:                                                                           | 11. Status/Work: |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | DIRECTIONAL CONTROL VALVE ASSY | 1U1503-2                                                                                          | 1            | 0910                                                                                         | REPAIRED         |
| 12. Remarks:<br>All work on your Repair Order# R376197 has been accomplished using FAA acceptable data listed on the attached teardown report for our Job# RL-8217, and the referenced data as follows:<br>OHM/CMM ID: 29-10-02, Revision#: 8, Revision Date: 5/1/2020<br><br>FE&M certifies that the work specified in Blocks 11 and 12 was performed in accordance with EASA Implementation Rule part 145 approval, and with respect to that work, the aircraft component is considered ready for release to service under approval # EASA. 145.4451<br><br>13a. 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 12<br><br>13b. Authorized Signature:<br><br>13c. Approval/Authorization No.:<br><br>13d. Name (Typed or Printed):<br><br>13e. Date (dd/mm/yyyy):<br><br>14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12<br>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.<br><br>14b. Authorized Signature: <i>[Signature]</i><br><br>14c. Approval/Certificate No.: PU3R776L<br><br>14d. Name (Typed or Printed): Gary Fortner<br><br>14e. Date (dd/mm/yyyy): 28/Jun/2021<br><br><b>User/Installer Responsibilities</b><br><br>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.<br><br>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.<br><br>Statement 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. |                                |                                                                                                   |              |                                                                                              |                  |



A.J. WALTER AVIATION

P.O.# R376197

FORTNER JOB NO. RL-8217

PART NUMBER 1U1503-2 DIRECTIONAL CONTROL VALVE ASSY S/N 0910

LAST SERVICE UNKNOWN

REMOVED FROM A/C UNKNOWN

A/C POSITION UNKNOWN

REASON FOR REMOVAL

CONFIRMED

NO

"EICAS MSG ENG REVERSAL"

RECEIVING INSPECTION FINDINGS

UNIT RECEIVED IN FAIR CONDITION. THE SEALS WERE WORN AS RECEIVED.

PRIMARY CAUSE OF FAILURE

WORN SEALS; LEAKING

OHM/CMM, A/D's, SERVICE BULLETINS, CUSTOMER INSTRUCTIONS COMPLIED WITH

29-10-02 Rev 8 Date 05/01/20

DISPOSITION OF PART/WORK PERFORMED

DISASSEMBLED THE UNIT AND INSPECTED DETAIL PARTS FOR WEAR/FUNCTION. SEAL WEAR NOTED; SEALING SURFACES POLISHED TO A SERVICEABLE CONDITION. TESTED THE SUBASSEMBLIES AND ALL PASSED TESTING AND ARE SERVICEABLE AS RECEIVED. REPAIRED/REPLACED ALL OTHER DETAIL PARTS AS REQUIRED. PROCESSED THE UNIT FOR RETURN TO SERVICE WITH REPAIRED CERTIFICATION.

DISPOSITION OF PART SUBASSEMBLIES

1503-212 LAP ASSY TEST ONLY

S283W202-4 PROX.SWITCH TEST ONLY

STANDARD PARTS

1 ea ASC10, 2 ea ASC12, 1 ea ASC16, 1 ea ASC6,  
8 ea BACR12BM220, 2 ea BACR12BM223, 1 ea NAS1611-013, 1 ea NAS1611-110A PACKING,  
1 ea NAS1611-116, 2 ea NAS1611-211, 1 ea NAS1611-215, 4 ea NAS1611-220A,  
1 ea NAS1611-223A, 1 ea NAS1612-10A, 2 ea NAS1612-12A, 1 ea NAS1612-16A,  
1 ea NAS1612-6A, 1 ea S30661-110N,

To the best of Fortner Eng. & Mfg., Inc.'s knowledge, this component has not been involved in any major incident, accident or fire during its operation; nor was this component obtained from a government source.