


| 1. Approving Competent Authority / Country | | 2. EASA FORM I | | 3. Form Tracking Number | |
|---|---------------------|----------------|--------|-------------------------|-----------------|
| EASA | | EASA FORM I | | E16-C-500 | |
| 4. Organization Name and Address: TRIUMPH AVIATION SERVICES ASIA, LTD. 700/160 Moo 1, T. Bangko, A. Pantong, Chonburi 20160 THAILAND | | | | | |
| 6. Item | 7. Description | 8. Part No. | 9. Qty | 10. Serial No. | 11. Status/Work |
| 1 | SURGE CONTROL VALVE | 3290476-S | 1 | | OVERHAULED |
| 12. Remarks <ul style="list-style-type: none"> - Overhauled LA.W. CMM 49-50-95 Rev.4 Dated Aug 31, 2006. - Incorporate applicable SB/SIL: NIL - Incorporate applicable AD: NIL | | | | | |
| 13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> approved design data and are in condition for safe operation. <input type="checkbox"/> non-approved design data specified in Block 13. | | | | | |
| 13b. Authorised Signature | | | | | |
| 13c. Approval/Authorization Number | | | | | |
| 13d. Name | | | | | |
| 13e. Date (dd mm yy) | | | | | |
| 14a. Authorised Signature | | | | | |
| 14b. Certificate/Approval Ref. No | | | | | |
| 14c. Date (dd mm yy) | | | | | |
| 14d. Name | | | | | |
| 14e. Date (dd mm yy) | | | | | |
| 14f. Name | | | | | |
| 14g. Date (dd mm yy) | | | | | |
| 14h. Name | | | | | |
| 14i. Date (dd mm yy) | | | | | |
| 14j. Name | | | | | |
| 14k. Date (dd mm yy) | | | | | |
| 14l. Name | | | | | |
| 14m. Date (dd mm yy) | | | | | |
| 14n. Name | | | | | |
| 14o. Date (dd mm yy) | | | | | |
| 14p. Name | | | | | |
| 14q. Date (dd mm yy) | | | | | |
| 14r. Name | | | | | |
| 14s. Date (dd mm yy) | | | | | |
| 14t. Name | | | | | |
| 14u. Date (dd mm yy) | | | | | |
| 14v. Name | | | | | |
| 14w. Date (dd mm yy) | | | | | |
| 14x. Name | | | | | |
| 14y. Date (dd mm yy) | | | | | |
| 14z. Name | | | | | |
| 15. Remarks | | | | | |

| | | | | | |
|--|---|---|-----------------------------------|---|----------------------------------|
| 1 国家 Country P. R. China | | 2. 中国民用航空总局 CAAC <input type="checkbox"/> 符合性 Conformity <input checked="" type="checkbox"/> 适航性 Airworthiness 批准放行证书/适航批准标签 AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG | | 3 证书编号 Form Tracking No. CAAC | |
| 4 单位 Organization TRIUMPH AVIATION SERVICES ASIA, LTD. 700/160 Moo 1, T. Banlao, A. Pantong, Chonburi 20160 THAILAND | | 5 工作单/合同单/货单 Work Order/Contract/Inv. SR00016-401 JUST.PO#:SA160809 | | 12 产品状态 Status/Work OVERHAULED | |
| 6 序号 Item 1 | 7 内容 Description SURGE CONTROL VALVE | 8 件号 Part No. 3290476-5 | 9 适用性 Eligibility NOT KNOWN | 10 数量 Qty 1 | 11 系列号/批号 Serial/Batch 627 |
| 13 备注 Remarks - Overhauled I.A.W. CMM 49-50-95 Rev.4 Dated Aug 31, 2006. - Incorporate applicable SB/SI: NIL - Incorporate applicable AD: NIL | | | | | |
| 14 新产品 New Parts 兹声明上述产品除第13项的其它规定以外，已按照上述国家适航条例和进口国通知的 查，并且该产品（出口产品）符合经批准的设计和制造图提出的专用要求。 Certifies that the Part(s) specified above, except as otherwise specified in block 13 was(were) manufactured/inspected in accordance with the airworthiness regulations of the state of country and/or in the case of parts to be exported with the approved design data and with the notified special requirements of the importing country. | | 15 使用过的产品 Used Parts 兹声明上述产品除第13项的其它规定以外，已按照上述国家适航条例和进口国通知的 特殊要求进行了工作，该产品处于安全可用状态可以批准放行使用。 Certifies that the work specified above except as specified in block 13 was carried out in accordance with the airworthiness regulations of the stated country and the notified special requirements of the importing country and in respect to that work, the part(s) is (are) in condition for safe operation and considered ready for release to service. (over) | | | |
| 16 批准人 Signature  | | 18 批准日期 Date Oct/13/2016 | | 19 中国民航总局授权 Issued by or on behalf of the CAAC F06600488 | |
| 17 批准人姓名（打印的） Name (Printed) KULAKIT RANGSIPRAKAN | | | | | |



Triumph Aviation Services -
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an Over Company

Triumph Aviation Services Asia, Ltd.
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Triumph Shop Released Order Num:

SR00016401

ACCESSORY SHOP VISIT REPORT

| INDUCTION INFO. | | |
|---|---|----------|
| CUSTOMER: SIAANAERO LIMITED | CUSTOMER PO NO: SA160809 | |
| DESCRIPTION: CHARGE CONTROL VALVE | P/N: 3290476-5 | S/N: 627 |
| REASON FOR REMOVAL: FOR FUNCTIONAL TEST | | |
| TSN: UNK | TSR: UNK | TSO: UNK |
| CSN: UNK | CSR: UNK | CSO: UNK |
| ENGINEER WORKSCOPE | | |
| CUSTOMER REQUESTED WORKSCOPE: FUNCTIONAL TEST | ENGINEER RECOMMENDED WORKSCOPE: OVERHAUL | |
| REMARKS: N/A | | |
| ENGINEER: PSupanijwattana | DATE: 9-Sep-2016 | |
| PRODUCTION RECORD | | |
| CUSTOMER TAG ATTACHED: YES | REMOVED DATE: 28-Sep-2016 | |
| PRELIMINARY INSPECTION: NO EXTERNAL DAMAGED | | |
| PRE-TEST RESULT: FAILED INTERNAL (PORT) LEAKAGE PER CMM 49-50-95 REV.4, DATED: AUG 31,2006. | | |
| TECHNICIAN: PSaenkla | DATE: 2-SEP-2016 | |



Triumph Aviation Services - Asia
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Triumph Shop Released Order Num:

SR00016401

ACCESSORY SHOP VISIT REPORT

| | | | |
|---|--|--|---|
| TEAR DOWN FINDING: | REPAIR PARTS LIST - BODY VALVE FAILED DIMENSION CHECK REQUIRED REPAIR PER DER TSR#16-03251AR REPLACE PART LIST - PLATE BACKING FAILED WIDTH OF RING GROOVE CHECK - WASHER SPRING FAILED SPRING CHECK RATE - NUT WORN AND CORROSION - ALL 100% PARTS | | |
| TECHNICIAN: ASoonthonkit | DATE: 8-Sep-2016 | | |
| CORRECTIVE ACTION: | REPAIRED BODY VALVE, REPLACED PLATE BACKING, WASHER SPRING, NUT AND 100% PARTS. THE UNIT PASSED FUNCTIONAL TEST PER CMM 49-50-95 REV.4, DATED: AUG 31,2006. | | |
| TECHNICIAN: ASoonthonkit | DATE: 13-Oct-2016 | | |
| INSPECTOR RECORD | | | |
| UNIT HAS BEEN: OVERHAULED | RELEASED TO SERVICE WITH TSO: | | 0 |
| | RELEASED TO SERVICE WITH TSO: | | 0 |
| TAG ISSUED: SERVICEABLE | DATE: 13-Oct-2016 | BEYOND ECONOMICAL REPAIR <input type="checkbox"/> | |
| WARRANTY: WARRANTY: TRIUMPH STANDARD AGREEMENT | | | |
| FINAL P/N: 3290476-5 | S/N: 027 | | |
| REMARKS: | THE UNIT HAS BEEN OVERHAULED PER CMM 49-50-95 REV.4, DATED AUG 31, 2006. | | |
| INSPECTOR: KRangsiprakan | DATE: 13-Oct-2016 | | |



Triumph Aviation Services -

Test Data Sheet

Part Name: SURGE CONTROL VALVE

Date: 12 OCT 2016

Job No.: SR00016401

Manual: 49-50-95

Customer: SWANAERO LIMITED

Manual Rev.: 4

Part No: 3290475-5

Manual Rev. Date: August 31, 2008

Serial No.: 627

PRE-TEST:

FINAL-TEST:

| Page/ Step | Data Point | Description | Units | Required | Actual | Pass(v) Fail(x) |
|--------------------------|---------------|--|-----------|-------------------|--------|--------------------|
| | 1.0 | ELECTRICAL CHECKS | | | | |
| Page 107/ Step 3B | | TORQUE MOTOR SERVO CONTROLLED DC RESISTANCE | Ω | R= <u>10.5</u> ±2 | 20.4 | / |
| Page 107/ Step 3C | | DC RESISTANCE (HEATER) -4 ONLY | Ω | 360 - 400 | NIR | NIR |
| | | INSULATION RESISTANCE | | | | |
| Page 107/ Step 3D | | TM SERVO | MΩ | 40 MIN. | ∞ | / |
| Page 107/ Step 3E | | LVDT | MΩ | 40 MIN. | ∞ | / |
| Page 108/ Step 3F | | HEATER | MΩ | 40 MIN. | NIR | NR |
| Page 108/ Step 3G | | ELECTRICAL BONDING (TM Servo) | mΩ | 20 MAX. | 7.7 | / |
| Page 108/ Step 3H | | ELECTRICAL BONDING (LVDT) | mΩ | 15 MAX. | 13.1 | / |
| | 2.0 | LEAKAGE | | | | |
| Page 109/ Step 3K | | INTERNAL (PORT) LEAKAGE | LB/MIN | 1 Max | 0.29 | / |
| Page 110/ Step 3L(4) | | SERVO RETURN FLOW RATE (with -37 to -43 mA) | LB/HR | 100 Max | 45.4 | / |
| Page 110/ Step 3L(12) | | SERVO RETURN FLOW RATE (with 57 to 63 mA) | LB/HR | 100 Max | 45.2 | / |
| Page 110/ Step 3L(19) | | SERVO RETURN FLOW RATE (with zero mA) | LB/HR | 100 Max | 46.0 | / |
| Page 111/ Step 3M | | OVERBOARD DRAIN PORT LEAKAGE RATE | DROPS/MIN | 3 Max | 0 | / |
| Page 111/ Step 3N | 3.0 | LVDT OUTPUT | | | | |
| Page 112/ Step 3N(9) | | BUTTERFLY FULLY OPEN, Required : + 0.175 ±0.010 X (Vin) | Vp-p | | 1.80 | / |
| Page 113/ Step 3N(15) | | BUTTERFLY FULLY CLOSED, Required : - 0.175 ±0.010 X (Vin) | Vp-p | | -1.80 | / |
| Page 113/ Step 3N(19) | | BUTTERFLY 34 TO 36 DEGREES FROM CLOSED | Vp-p | - 0.1 TO 0.1 | - 0.1 | / |

TEST SHEET ID: ACC-TS-CU-3290475-X REV: 0 DATE: May 20, 2013 REVIEWED BY: PKazawjuntuk DATE: May 20, 2013 APPROVED BY: PSupanijwatana DATE: May 22

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