

1. Approving Competent Authority/Country CAA UK		2. Authorised Release Certificate EASA FORM 1				3. Form Tracking Number CAA 1035096	
4. Approved Organisation Name and Address Ultra ELECTRONICS 417 Bridport Road Greenford Middlesex England UB6 8UE		Ultra Electronics, Precision Control Systems is a business name of Ultra Electronics Limited		5. Work Order/Contract/Invoice J/N 108297 P/O R361657			
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.	11 Status/Work		
1	BLEED VALVE CONTROL UNIT	014-CE-00-0000 Type Number : C8E38-12	1	2202	'REPAIRED'		
12. Remarks: The work carried out is detailed on the attached 'Statement of Work' - with the Job No. TCCA Approval No: 898-45 referenced in box 5. This article is the subject of triple release reference also EASA Form 1 No: CAA 1035097							
" Repaired / Tested to CMM 75-32-02 Rev. 6 dated Dec 1/14 and TS 014-CE-00-0006 Rev. 3 "							
13a. Certifies that the items identified above were manufactured in conformity to: ☐ approved design data and are in a condition for safe operation ☐ non-approved design data specified in block 12		14a. ☒ PART-145.A.50 Release to Service Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part 145 and in respect to that work, the items are considered ready for release to service.		14b. Authorised Signature and Stamp  Electronic Signature on File		14c. Certificate/Approval Ref. No. UK.145.00224	
13b. Authorised Signature and Stamp		13c. Approval/Authorisation Number UK.21G.2050		14d. Name Rasik Patel		14e. Date (dd mmm yyyy) 17 Sep 2019	
13d. Name		13e. Date (dd mmm yyyy)					

Notes Authorised Release Certificate - EASA Form 1 - User/Installer Responsibilities

This certificate does not automatically constitute authority to install the item(s).

Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority 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.

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4. Approved Organisation Name and Address Ultra ELECTRONICS 417 Bridport Road Greenford Middlesex England UB6 8UE		Ultra Electronics, Precision Control Systems Telephone: +44 (0)20 8813 4444 Fax: +44 (0)20 8813 4351 is a business name of Ultra Electronics Limited		5. Work Order/Contract/Invoice J/N 108297 P/O R361657		
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Attachment 7

1 国家 Country P. R. China		2. 中国民用航空总局 CAAC		符合性 Conformity ☐		适航性 Airworthiness ☒		3 证书编号 Certificate Ref. No. CAAC-1702	
批准放行证书/适航批准标签 AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG									
4 单位 Organization Ultra Electronics, Precision Control Systems, 417 Bridport Road, Greenford, Middlesex, UB6 8UE, England		5 工作单/合同单/货单 Work Order/Contract/Invoice 108297 / R361657							
6 序号 Item	7 内容 Description	8 件号 Part No.	9 适用性 Eligibility	10 数量 Qty	11 系列号/批号 Serial/Batch No.	12 产品状态 Status/Work			
1	BLEED VALVE CONTROL UNIT	014-CE-00-0000 Type Number : C8E38-12	Not Known	1	2202	' REPAIRED'			
13 备注 Remarks " Repaired / Tested to CMM 75-32-02 Rev. 6 dated Dec 1/14 and TS 014-CE-00-0006 Rev. 3 "									
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进行制造/检查, 并且该产品(出口产品)符合经批准的型号设计资料 and 进口国提出的专用要求。 Certifies that the Part(s) identified above except as otherwise specified in block 13 was(were) manufactured/inspected in accordance with the airworthiness regulations of the stated 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 批准人签名 Signature <i>Jfa.</i>		18 批准日期 Date 23/Sep/2019		19 中国民航总局授权 Issued by or on behalf of the CAAC approval reference number F04400590					
17 批准人姓名 (打印的) Name(Printed) Zulfi Fazal									

AAC-038 (12/94)

*参阅产品目录详细查找适用性
Cross-check eligibility for more details with parts catalogue



ULTRA ELECTRONICS, PRECISION CONTROL SYSTEMS,
BRIDPORT ROAD, GREENFORD, MIDDLESEX, UB6 8UE,
ENGLAND

STATEMENT OF WORK

CUSTOMER: A J WALTER AVIATION LIMITED	JOB NUMBER: 108297
ADVICE REJECT No: R361657	DATE RECEIVED: 11/07/2019
SERIAL No: 2202	DESCRIPTION: BLEED VALVE CONTROL UNIT
PART No: 014-CE-00-0000	TYPE No: BVCU
AIRCRAFT TAIL No: EC-HDS	TSN: unknown

REASON FOR RETURN (From Incoming Documents)
FUEL FLOW TRENDS INCREASE

ORIGINALLY DESPATCHED DATE: 30/08/1999 REFERENCE: 8018649	LAST REPAIRED DATE: 03/04/2000 REFERENCE: 8020658	MODIFICATION ON RECEIPT: n/a
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INCOMING INSPECTION :

- 1) Pins ok
- 2) Paintwork scratched
- 3) Earth strap damaged
- 4) Vibration Mounts damaged

ELECTRICAL INITIAL TEST:

Unit passed incoming test at room temp

Insulation: Pass **Continuity:** Pass

MEMORY CONTENTS:

'CC-AA-F0-F1-F2-F7-04-FA-06-FA-06-FA-04-FA-06-F2-04-FA-04-FA-04-FA-04-ED'

ELECTRICAL FULL TEST:

Unit Passed the Incoming Test to Test Spec. 014-CE-00-0006 Issue 3

SOAK TEST:

N/A

DIAGNOSIS :

Unit Failed during temp cycle on Para 53 PLA displacement and switch point test graphs out of spec. We have to reselect sot's on signal processor board and R&S1 board. Due to fault codes in memory we have to carry out precautionary rework on SK1, PL1 & PL2 flexi connectors and we have to also fit precautionary links on PSU2 board.



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ADVICE REJECT No: R361657	DATE RECEIVED: 11/07/2019
SERIAL No: 2202	DESCRIPTION: BLEED VALVE CONTROL UNIT

COMPONENTS USED :

Part Number	Description	Type/Value	Boards	Circuit Ref	Usage Reference
21171-424-0-3	WASHER PL 8-32UNC ST STL	WASHER PLAIN			Ref No 4 - Mechanical damage
21174-125-0-3	WASHER SCS 8-32UNC STL CAD PLT	WASHER SINGLE COIL SPRING			Ref No 4 - Mechanical damage
21717-423-0-3	SCR HX/SK/CP/HD 8-32UNC x 5/8"	SCREW HEXAGON SOCKET CAP HEAD			Ref No 4 - Mechanical damage
21781-133-0-3	HEX NUT FULL 8-32UNC CAD PLT	HEXAGON NUT FULL			Ref No 4 - Mechanical damage
22812-104-0-5	COLLAR CAPTIVE WASHER SET	COLLAR			Ref No 4 - Mechanical damage
22812-105-0-5	PIN 1/4" DIA	PIN			Ref No 4 - Mechanical damage
22817-324-0-7	MOUNT	C.5LBS LOAD ANTI-VIB			Ref No 4 - Mechanical damage
24711-339-0-1	RESFMO FZ 2K49 1% 100PPM 0.25W	RESISTOR, FIXED, METAL OXIDE			Ref No 4 - Mechanical damage
34123-109-0	WASHER	.			Ref No 4 - Mechanical damage
K3317-609-0-8	TERM TONGUE PIDG RNG 9.5MM	TERMINAL			Ref No 4 - Mechanical damage

REPAIRS / RE-WORK / RE-CALIBRATION:

Re-selected SOTs R9 = 220R on signal processor board, R22 = 2K55, R116 = 1K, R133 = 30K, R141 & R145 = 510R on R&S1 board.

Full temp cycle carried out, unit tested at room temp, -40deg C, +80deg c and RRT passed all test parameters.

For precautionary, re-soldered joints at R5, R6, SK1, PL1, PL2 flexi connectors.

Fitted precautionary links at TR4 & TR9 as per ref CMM 75-32-02 Rev.6 on PSU2 board.

Fitted sot's, conformal coated all the rework, inspected boards, and connectors.

Replaced Earth strap and 4 off vibration mounts.

Unit passed vacuum & Leak test.

Unit cleaned and touched up paint work.

Unit tested and repaired as per CMM 75-32-02 Rev.6.

MODIFICATION :

N/A

BURN - IN TEST :

N/A

FUNCTIONAL TEST :

Unit tested at room temp, -40deg C, +80deg C, RRT & passed

VIBRATION TEST :

STATEMENT OF WORK

CUSTOMER: A J WALTER AVIATION LIMITED		JOB NUMBER: 108297	
ADVICE REJECT No: R361657		DATE RECEIVED: 11/07/2019	
SERIAL No: 2202		DESCRIPTION: BLEED VALVE CONTROL UNIT	
N/A			
FINAL TEST : Passed			
Test Parameters: Unit Finally tested to		Test Spec: 014-CE-00-0006	Issue: 3
RELEASE STANDARD: PART No: 014-CE-00-0000			
COMPILED BY: Amrik Ubhi 	CHECKED BY: Rasik Patel  	DATE 17/09/2019	CUSTOMER ORDER No: R361657
REPORTED FAULT CONFIRMED: NO ADDITIONAL FAULT FOUND: YES NO FAULT FOUND: NO		WARRANTY AUTHORISED NO Lee McGrath  DATE 23/09/2019	
INSPECTED/TESTED: YES MODIFIED: NO REPAIRED : YES			
Nothing in this report shall be, or deemed to be, an admission by the company of any liability whatsoever, however arising in respect of any loss, damage, death or injury.			