

1. Approving National Aviation Authority/Country: FAA/UNITED STATES	2.	<h1 style="margin:0;">AUTHORIZED RELEASE CERTIFICATE</h1> <p style="margin:0;">FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</p>	3. Form Tracking Number: RTS130335
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4. Organization Name and Address: Avionica, Inc. 9941 West Jessamine Street, Miami, FL. 33157, Parts Manufacturer Approval #PQ1734CE	5. Work Order/Contract/Invoice Number: Order#0113733/ RMA#4596/Avionica Sales Order ID:SO15557
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6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1.	miniQAR MKIII, Mod BCD	804-1205-03	N/A	1ea.	20251	SEE BLOCK 13

13. Remarks: -RETURN TO SERVICE- REBUILT (ALTERED) TO ORIGINAL PAH's SPECIFICATIONS This miniQAR MKIII has been disassembled, cleaned, inspected, repaired as necessary, reassembled and tested using new parts that conform to current approved data in accordance with miniQAR MKIII Master Drawing List 8041200MD, Rev H, dated 4/15/2013, per CFR 14 Part 43.3(j). This article is being returned to service in accordance with CFR 14 Part 43.7(d). **This article is a miniQAR MKIII P/N 804-1205-03 with MFG S/N 20251. Eligibility: FAA Approved Model List (AML) 21149-AML, Rev M, dated July 18, 2013, or later FAA approved revision. ***PLEASE BE ADVISED THAT IN ALL CASES IT IS THE RESPONSIBILITY OF THE USER INSTALLER TO DETERMINE ELIGIBILITY***** The subparts and components that were replaced during the rebuild procedure are listed below:

- Label, PMA, Generic miniQAR, AV P/N 240-0131, Lot#: L9178
- Screw, 0-80 Phil, Pan Head, 3/16, AV P/N 250-0262, Lot#: L12754
- Machine Screw, #3-48 x 1/4", pan Phillips Drive Steel, AV P/N 250-0552, Lot#: L12918
- miniQAR MKIII Operational Firmware Image 700-1200-01AB-ESM0060AG-700-1200-11AK (per Service Bulletin SB059 ECO1049)
- miniQAR MKIII Service Pack 2, 704-0230SP2 (per Service Bulletin SB070 ECO1376)

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.	19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13 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.
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15. Authorized Signature: 	16. Approval/Authorization No.: PQ1734CE	20. Authorized Signature: 	21. Approval/Certificate No.: PQ1734CE
17. Name (Typed or Printed): James A. Morra	18. Date (m/d/y): NOV/18/2013	22. Name (Typed or Printed): James A. Morra	23. Date (m/d/y): NOV/18/2013

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 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.



9941 W. Jessamine Street, Miami FL 33157
Main: 786-5441100, Fax: 786-544-1110

Teardown Report

Receive Date: 10/07/13
Quote Date: 10/07/13
Approval Date: 10/09/13

Customer: World Airways
Customer Ref. #: 0113733
WARR: Yes No

RMA #: 4596
RW #: 7659
SO #: 15557

Part Number	Serial Number	Description
804-1205-03	20251	Mini QAR MK III (MOD BCD)

Customer Failure Report/Incoming Disposition:

Customer request to recertify unit. Please inspect and repair as needed.

Test and Inspection Findings:

SD card (GSU) in the unit is unlocked.
Unit has old configuration version (AB) and no SP installed.
SD card has FAT16 format
AT performed and the unit passed.
No other issues found during the rebuilding process.

Corrective Action/Repairs and Maintenance Performed:

Both memory cards FAT32 formatted and unit programmed according QCD095-4L

Tests and Procedures Performed:

Burn-in and Data validation performed and the unit passed.
Final Test and AT performed and the unit passed.

Notes:

QU14230

8130-3: Yes No EASA: Yes No

Performed By: JAP
Date: 11/11/2013



Certificate of Conformance

Date: November 18, 2013

Manufacturer: Avionica, Inc.

Address of Manufacturer: 9941 West Jessamine Street.
Miami, FL. 33157
USA

Equipment Description: miniQAR MK III, 573/429, ARINC 717, 2GB

Part Number: 804-1205-03, Mod BCD

Serial Number: 20251

Applicable Documents: This article was manufactured in accordance with Avionica, Inc. Master Drawing List 8041200MD, Rev H, dated 4/15/2013, (ECO1389).

Declaration: I declare, as an authorized Avionica, Inc representative, that the above information in relation to supply/manufacture of this product is in conformity with the stated standards and other related documents stated above.



Jim Morra
Quality Assurance

avionica, inc.
9941 West Jessamine Street, Miami, FL 33157, USA
Voice: (786) 544-1100 Fax: (786) 544-1110
E-mail: sales@avionica.com
Web Site: <http://www.avionica.com>

REPAIR ORDER

REPRINT

Repair Order Number Must Appear on all Shipments and Documents

THIS IS AN ORIGINAL ORDER

Repair Item Description	804-1205-03 MODBCD	Repair Serial	20251
	MINI QAR MKIII		

Overlength PN	GRN	0000566678	Expected Date	11/06/13	RO Total	1 line
Repair Qty	1		RO Date	10/02/13	Ext Amount	USD 850.00
			Priority	9 HEAVY MAINTENANCE	Currency	US Dollar
			Terms	NET 30 DAYS	Container	<input type="checkbox"/>
			Freight Terms		RMA	4596

VENDOR 72976

BILL TO

SHIP TO

Address AVIONICA INC
9941 W JESSAMINE ST
MIAMI FL 33157
UNITED STATES

Address WORLD AIRWAYS, INC
HLH BUILDING
101 WORLD DRIVE
ATTN: ACCOUNTS PAYABLE
PEACHTREE CITY GA 30269
UNITED STATES

Address GLOBAL SHARED SERVICES
4500 WEST TAMPA BAY BLVD.
TAMPA FL 33614
UNITED STATES

Contact repairs
Phone 786-544-1197
Fax 786-544-1110

Attn
Phone 770-632-8000
E-mail accountspayable@woa.com

Attn MIKE DUNSON
Phone 813-440-5610 /6525
E-mail matcntrl@woa.com

BUYER

RO ADMINISTRATOR

CLAIM ADMINISTRATOR

Contact Pam Gray
Phone 770-632-8000
Fax 770-632-8050
Email pgray@woa.com

Contact
Phone
Fax
E-mail

Contact
E-mail
Claim #
Warrantor

REPAIR DETAIL

REMOVAL INFORMATION

USAGE INFORMATION

Store TPA1
Shop ATL1
Incident
SIR no
PFR no
Reliability Grp

Removed From N271WA
Failure Code 09 FAILED OPS TEST
Date of Removal 08/22/12
Component Time 14:57:00
Mechanic/Cert /
Removal Reason 14 Trouble Shooting

Units	Flight Hours
TSI	887:16
TSN	983:19
TSO	983:19
TSFR	983:19
TSSV	983:19

NOTES

Comments N271 @ TPA1

Failure Code : FAILED OPS TEST ; Removal Reason : Trouble Shooting ; ; Old Status Operational, New Status Non-Operational. Old Loc WR16A03, New Loc USCAGE.

Shipping Instructions FEDEX

Removal Comments LOG PAGE 497590

REPAIR ORDER

REPRINT

Repair Order Number Must Appear on all Shipments and Documents

WORK REQUIREMENT LIST

Line	Work Requirement	Quantity	Unit Cost	Cost Type	Ext Amount
1	Repairs - Repairs - equipment OEM - REPAIR UNIT PER OEM SPECS	1.00	850.00	TBD	850.00

Purchasing Agent Pam Gray

Order Total 850.00

QUOTE REQUIRED- QUOTE HAS TO BE APPROVED BEFORE ANY WORK COMMENCES.
ALL REPAIR SHOPS MUST COMPLETE THIS SECTION AND RETURN WITH PART AND A COMPLETE SHOP TEAR DOWN.

ALL REPAIR AND OVERHAUL SERVICES MUST BE IAW ALL APPLICABLE FAA REQUIREMENTS AND OEM COMPONENT MANUAL TECHNICAL DATA UNLESS OTHERWISE SPECIFIED BY WORLD AIRWAYS.

REPAIR TEST EVALUATION:

- 1A___ NO TROUBLE FOUND (NTF)
- 2A___ REMOVAL CAUSE CONFIRMED
- 3A___ NOT RELATED TO REMOVAL CAUSE
- 4A___ SERVICE BULLETIN INCORPORATION
- 5A___ ENGINEERING MODIFICATION
- 6A___ COMPONENT EXCHANGE
- 7A___ BEYOND ECONOMICAL REPAIR

MALFUNCTION REPORT:

- C___ REASON FOR REMOVAL CONFIRMED BY REPAIR AGENCY.
- U___ STATED REASON FOR REMOVAL AND RETURN NOT CONFIRMED BY REPAIR AGENCY.



June 19, 2014

AERO COMPONENTS LLC
PO BOX 20283
MESA, AZ 85277

Subject: Material Certification

Let this letter serve as reference to the lot of Rotable, Expendable, Standard, and Consumable aircraft and engine material, (see the attached shipping document WRLD-TPA), that was sold to AERO COMPONENTS LLC. To the best of our knowledge, all the parts are in New, Overhauled, Serviceable, or Used condition and were originally manufactured and purchased directly from a manufacturer, aftermarket distributor, or airline. To the best of our knowledge, all parts have not been subjected to severe stress or heat (i.e. as in a Major Engine Failure, Incident, or Fire).

Sincerely,

A handwritten signature in black ink, appearing to read "Dermont Miles".

Dermont Miles,
Manager of Materials

SS/rn

CU55937

MAC-2

31286819

WORLD AIRWAYS PARTS CONTROL TAG
WM-100-2/96

UNIT REMOVED
AND REPLACED

SERVICEABLE
UNIT DATA

1. PART NUMBER 804-1205-03		2. PART SERIAL NUMBER 20251		13. DESCRIPTION <input type="checkbox"/> HARDWARE <input type="checkbox"/> NEW <input type="checkbox"/> BENCH CHECK <input checked="" type="checkbox"/> REPAIRED <input type="checkbox"/> OVERHAULED		14. SHELF LIFE (IF APPLICABLE) N/A	
3. WOA PART NUMBER 3-3130-0001		4. DESCRIPTION MINI QAR MK III (MOD BCD)		TSN/CSN _____ TSO/CSO _____		15. INSPECTOR WOA 66 QC	
5. WORLD R.O./P.O.# RO 0113733		6. DATE 18 NOV 2013		REMARKS: REBUILT (ALTERED) TO ORIGINAL PAH'S SPECIFICATIONS		16. SHOP MECHANIC N/A	
7. FAA REPAIR STATION PQ1734CE		8. REPAIR STATION W.O.# RTS130335		21. A/C REG OR ENGINE S/N		17. STATION	
9. REMOVED FROM A/C OR ENGINE NUMBER		10. A/C OR ENGINE TOTAL TIME		11. REMOVED POSITION		12. MECHANIC	
19. REMOVED P/N		20. PART REMOVED S/N		22. A/C TOTAL TIMES/CYCLES		23. POSITION	
24. LOG PAGE/PILOT REPORT #		25. MECHANIC/AP CERT # (SIGN CLEARLY)		26. LABOR		27. WOA USE ONLY	
28. DETAILED REASON FOR REMOVAL							

