

1. Approving Civil Aviation Authority/Country: <b>FAA / UNITED STATES</b>	2. Authority/Country: <b>041335</b>
<b>AUTHORIZED RELEASE CERTIFICATE</b> <b>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</b>	

4. Organization Name and Address: <b>NFF Avionics Services, Inc. 115 Corporation Drive, Aliquippa, PA 15001 USA</b>	5. Work Order/Contract/Invoice Number: <b>044066</b>
FAA Certificate : N01R648Y	

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Pressure Controller, Digital	7121-19971-01AC	1 EA	9912064	OVERHAULED

12. Remarks: In accordance with manual No. 21-33-20 Revision: 11 Revision Date: AUG 02 2012.  
Full details of work carried out per Work Order no. 041335.  
Accomplished Service Letter 737-SL-21-094.

Certifies that the work specified in Block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release under EASA Part-145 Approval Number: "EASA 145-5059".

13a. 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 12.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12
13b. Authorized Signature: _____	
13c. Approval/Authorization No.: _____	
13d. Name (Typed or Printed): _____	
14b. Authorized Signature: _____	
14c. Approval/Certificate No.: <b>NFF</b> <b>INSF</b> <b>RPS1</b>	
14d. Name (Typed or Printed): <b>Randall Shaffer</b>	
14e. Date (dd/mm/yyyy): <b>14/Aug/2019</b>	

### User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. 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. 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.



**NFF Avionics Services, Inc.**  
 115 Corporation Drive, Allquippa PA 15001 USA  
 Tel: 724-378-9454 1-877-NFF-TOGO Fax: 724-378-9461  
 FAA R.S. N01R648Y EASA.145.5059  
 E-MAIL: info@nffavionics.com WEBSITE: www.nffavionics.com

# TEARDOWN AND DISPOSITION REPORT

Page : 1 of 2

F.O.B. : Account No. [20101]

Support Air Inc.  
 Attn: Jim Stuart  
 3191 West Tech Road  
 Mansfield, OH 45342  
 USA  
 Tel: 937-885-0580  
 Fax: 937-885-1772

Status : OVERHAULED  
 TSN : Unknown  
 TSO : Unknown  
 A/C REG # : Unknown  
 Justified :  
 Date Installed : Unknown  
 Date Removed : Unknown  
 Warranty : No  
 Type : TBV  
 TTSR : Unknown  
 For Customer : Support Air Inc.  
 S.O. No. : 041999  
 Line No. :

Cust P.O. : 044066	P/N : 7121-19971-01AC	TAG # : 041335	TAG DATE : 14/AUG/2019	TTSO :	MFG : NORD-MICRO GmbH & Co OHG	Manual : 21-33-20	Revision : 11 / Aug-02-2012	Completed P/N : 7121-19971-01AC	S/N As : 9912064	Into Bin Loc : Shipped
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Our Ref : 041335	Desc : Pressure Controller, Digital	TTSO :	MFG : NORD-MICRO GmbH & Co OHG	Manual : 21-33-20	Revision : 11 / Aug-02-2012	Rec. Date : 08/02/2019	MFG : NORD-MICRO GmbH & Co OHG	Your Ref : 044066	S/N : 9912064	Due Date : 08/17/2019	City : 1	Cond As: OH
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Company : 1	Division :	Department :	Order Date : Jul-30-2019	Received Date : Aug-02-2019	Due Date : Aug-17-2019	Print Date : Aug-14-2019
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## WORK ORDER NO. 041335

Reported by Customer

Overhaul in Accordance with the latest OEM CMM Release, but advise cost prior to proceeding  
 Please insure that all Estimates include a parts breakdown with pricing  
 \*\* Requires a Dual or Tri-Release 8130-3 \*\*

Preliminary Insp.

Verified MFR P/N and S/N of Unit. Unit mod level is marked A-E. This unit was received with Nord-Micro inspection seals. DMF 04/99.

1. INSPECTION: General cleaning for visual inspections.
2. TEST RESULTS: Failed, Auto inoperative, fault code 046 & 047, NVM download completed.
3. CUSTOMER COMPLAINT VERIFIED: No removal complaint provided.
4. ITEMS THAT REQUIRE REPAIR: Due to Overhaul disassembly and a detailed visual inspection of the A1 printed circuit assembly and Transducer Assembly under lighted microscope required. Rework the defective solder connections at integrated circuits IC605, IC1201, IC701 thru IC704. Fault codes 046 & 047 = Integrated Circuit IC705 failure/defective.
5. DEFECTIVE COMPONENTS: Integrated Circuit IC705. See the BOM for details.

Continued on next page...



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TEARDOWN AND DISPOSITION REPORT Page: 2 of 2

WORK ORDER NO. 041335

6. SPECIAL INSTRUCTIONS: Accomplish Service Letter 737-SL-21-094.

Upon approval, NFF Avionics will repair the discrepancies noted above, Overhaul and perform final functional test IAW OEM CMM.

\*\* The Flat Rate Overhaul Charge does not cover integrated circuit replacements. \*\*

**Corrective Action**

REPAIR: Due to Overhaul disassembly and a detailed visual inspection of the A1 printed circuit assembly and Transducer Assembly under lighted microscope completed. Reworked the defective solder connections at integrated circuits IC605, IC1201, IC701 thru IC704.

REPLACED ITEMS: Integrated Circuit IC705. See the BOM for details.

SPECIAL INSTRUCTIONS: Accomplished Service Letter 737-SL-21-094.

TESTING: Unit passed all functional tests IAW OEM CMM and is OK for return to service in an Overhauled condition.

**Hidden Damage**

Inspections found no hidden damage.

**AD's/S/B's/E's**

Accomplished Service Letter 737-SL-21-094. This Unit meets all OEM's specifications and mandated requirements.

Item	Part Number / Description	Part Status	Qty	Cond	Discrepancy / Disposition
1	AT28PC64-15LM/883 IC Eprom - 150NS IC705	32 - Installed Component	1	EA NE	Disc.: Defective Disp.: Remove and replace
<b>PARTS &amp; MATERIALS</b>					

Authorized Signature: *Jimmy Johnson*

**MATERIAL CERTIFICATION & PACKING LIST**

The undersigned hereby certifies that the below component was an exchange core returned to Support Air Inc. (3191 West Tech Blvd Miamisburg, Ohio 45342) by

Gary Jet Center referencing exchange PO# 19-00575


The undersigned hereby certifies that the below listed component was removed from Gary Jet Center, reference Aircraft N835BA and returned to Support Air Inc. I also certify it was not previously installed in a public aircraft, such as a government use aircraft or a military aircraft and has not been subjected to extreme stress or heat such as a major engine failure, accident or fire.

Part Number: 7121-19971-01AC

Serial Number: 9912064

Description: Cabin Pressurization Controller

MFG: Nord-Micro

Authorized Signature:   
Title: Director of Maintenance  
KEN DOREN  
Date: 7/30/19

# SHIPPING ORDER

Order Number 000374  
 Date 26-Jul-2019  
 Status Shipped

Account Code  
 Reference N835BA CORE RETURN

Ship From

GARY JET CENTER C/O BOEING EFO

6309 AIRPORT RD  
 GARY, IN 46406  
 United States

Ship To

SUPPORT AIR INC.  
 Attn: CORE RETURN  
 3191 WEST TECH BOULEVARD  
 MIAMISBURG, OH 45342  
 United States

Notes & Instructions  
 CORE RETURN  
 N835BA

Item	Tracking Number	Quantity	Unit Value	Total Value
CABIN PRESSURIZATION CONTROLLER (PN: 7121-19971-01AC) (SN: 9912064)	775843908626	1.00	\$0.00	\$0.00
Subtotal				\$0.00
Sales Tax				\$0.00
Additional Fees				\$0.00
Total				\$0.00

Shipping

FEDEX STANDARD OVERNIGHT



Authorization Date

Authorized By Name

Authorized By Signature

# REPAIRABLE PARTS TAG

REORDER FROM:  
AVIATION BUSINESS SYSTEMS  
715 North Memorial Parkway  
HUNTSVILLE, ALABAMA 35891  
1-800-833-2650

OWNER: Brewing  
PART NO.: 7121-19971-01C PART S/N 9912064  
DESCRIPTION \_\_\_\_\_  
COMPONENT HOURS \_\_\_\_\_  
COMPONENT CYCLES \_\_\_\_\_  
REMOVED FROM: \_\_\_\_\_  
AIRCRAFT Y6 036 A/C HOURS 142695  
ENGINE \_\_\_\_\_ ENG HOURS 1469  
A/C CYCLES 4730 ENG CYCLES \_\_\_\_\_  
REASON FOR REMOVAL: "Fault" codes 024/025/047  
SIGNATURE: [Signature]  
DATE: 24 JUL 19 W.O. # 072419

GARY JET CENTER INC.  
CRS# YGJR580L