

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIR WORTHINESS APPROVAL TAG			3. Form Tracking Number: 50857-17	
4. Organization Name and Address: Repair Station# P38R505Y PHOENIX AIR REPAIR, INC. 1842 EAST 3RD STREET, SUITE 103, TEMPE, ARIZONA 85281, 480/730-7905					5. Work Order/Contract/Invoice Number: R24638	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	ELECTRIC CONTROL PANEL	145-21325-407	1	145318	REPAIRED	
12. Remarks: Unit disassembled, cleaned, inspected, repaired, assembled and Tested per EMBRAER CMM 24-00-02 Rev 2 Nov 28/12. Unit returned in serviceable condition. See attached work order for work performed. Phoenix Air Repair certifies that the work specified in block 11/12 was carried out in accordance with EASA 145 and in respect to that work the component is considered ready for release to service under EASA Acceptance Certificate Number:145.5269						
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 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 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.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate No.: P38R505Y
13d. Name (Typed or Printed)		13e. Date (dd/mm/yyyy):		14d. Name: (Typed or Printed) J. CALDERON		14e. Date (dd/mm/yyyy): 01/Jun/2017

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 block 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with national regulations by the user/installer before the aircraft may be flown.

WORK ORDER FORM 100

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PHOENIX AIR REPAIR, INC.
1842 EAST 3RD STREET SUITE 103
TEMPE, ARIZONA 85281

50857
FAA CRS No: 28828057
WORK ORDER: 50857-17

480/730-7905

Customer: RIM / RIM ENTERPRISES, LLC

Dept#: ELE

Location: 50857

Cust RO#: R24638

Step: RECEIVED

Warranty Code: N / 0

Work Req: RP

TSO: UNK

Goodthru AD# NONE

P/N: 145-21325-407 / ELECTRIC CONTROL PANEL S/N: 145318

Mfg: EMBRA

Reason/Rm:

PLEASE EVALUATE FOR BENCH TEST
AND RE-CERTIFICATION

ADDITIONAL COMMENTS:

Date Reqr'd: 04/12/2017 Date Estmtd: 04/12/2017

PRELIMINARY INSPECTION:

DATE: 04/14/2017 TECHNICIAN: A. LAMAR

Knobs are worn.

HIDDEN DAMAGE:

N/A

TEARDOWN FINDINGS:

Unit failed functional testing. Found GEN-1 switch, GEN-2 switch, and GEN-3 switch are defective. Also found SHED BUSES/OFF-AUTO-OVRD rotary switch will not lock and BATT-1 knob and BUS TIES/OFF-AUTO-OVRD knob are worn. Also found multiple lamps are defective.

TECHNICIAN: A. LAMAR

DATE: 04/14/2017

CORRECTIVE ACTION:

Removed and replaced GEN-1 switch, GEN-2 switch, GEN-3 switch, SHED BUSES/OFF-AUTO-OVRD rotary switch, BATT-1 knob, BUS TIES/OFF-AUTO-OVRD knob and lamps. Assembled and rested unit, all check good.

*Unit disassembled, cleaned, inspected, repaired, assembled and

*Tested per EMBRAER CMM 24-00-02 Rev 2 Nov 28/12.

*Unit returned in serviceable condition.

TECHNICIAN: A. LAMAR

DATE: 06/01/2017 INSPECTOR: J. CALDERON

MODIFICATION/SERVICE BULLETINS:

N/A

Cal Data: 225588 & 222966.

PARTS DETAIL:

Line#	Part Number/Description	W CD	RmvCde	Qty	Serial Number
1	4800-101 SWITCH, PUSH-BUTTON, 4-PD N NE			3.00	PO# 1007322
2	50-2016-1 SWITCH, ROTARY	N NE		1.00	PO# 1007322

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PAR-HP4 #

Labor Task Control# *110050

WORK ORDER FORM 100

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PHOENIX AIR REPAIR, INC.
1842 EAST 3RD STREET SUITE 103
TEMPE, ARIZONA 85281

50857
FAA CRS No: ~~23828051~~
WORK ORDER: 50857-17

480/730-7905

Customer: RIM / RIM ENTERPRISES, LLC

Dept#:ELE

Location: 50857

Cust RO#: R24638

Step: RECEIVED

Warranty Code: N / 0

Work Req: RP

TSO: UNK

Goodthru AD#NONE

P/N: 145-21325-407 / ELECTRIC CONTROL PANEL S/N: 145318

Mfg: EMBRA

3	6180				
	LAMP, 5V, 30W	N NE	12.00	PO# 1007188	
4	7132				
	LAMP, T1 WIRE TERM, 5V, .	N NE	30.00	PO# 1007207	
5	7132				
	LAMP, T1 WIRE TERM, 5V, .	N NE	7.00	PO # 1006768, 1007207	
6	GP043-116				
	KNOB ASSEMBLY	N NE	1.00	PO# 1007322	
7	GP119-108				
	KNOB ASSEMBLY	N NE	1.00	PO# 1007322	

MAINTENANCE RELEASE RECORD

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, AND IS APPROVED FOR RETURN TO SERVICE. OTHER PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Approved return to Service By J. CALDERON



Date Jun 01, 2017