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FAA Repair Station # PJ2R085L
EASA-145 # EASA. 145.5092

OPTIONAL SERVICE BULLETIN

Number: **03**
Revision: **NEW**

Transmittal Sheet

Approved By: Signature on File Date: 5/28/20
Engineering Manager

Approved By: Signature on File Date: 5/28/20
Quality Assurance

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This Service Bulletin is a fully approved and released engineering document of PWI, Inc.

PWI received FAA approval for the technical data in this publication that changes the type design.

“Offering full service design and manufacturing for a broad range of electronics for the aircraft and general industry since 1963.”

Revision History:

Rev.	Description / Section Affected	Approval Signatures										
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1.0 PLANNING:

1.1 Effectivity:

1.1.1 This Service Bulletin (SB) applies to PWI's STC# SA01748WI, part number 6910080-000.

A/C Types	Shipsets	Serial Numbers	Assembly P/Ns
C90, C90A, E90, F90, 100, A100, B100, 200, 200C, 200T, B200, B200C, B200CT	1-22	B-28	6910080-000
		LW-24	
		BB-410	
		LA-163	
		BB-938	
		BE-24	
		BE-115	
		BB-1004	
		LJ-1913	
		BB-595	
		BE-55	
		BE-30	
		BB-1006	
		LJ-1246	
		LJ-843	
		BB-697	
		BB-99	
		LJ-740	
		BB-1378	
		LW-271	
B-144			
B-154			
LJ-773			
BB-1356			
BB-53			
BC-67			
BB-712			
BB-1647			

1.2 Concurrent Requirements:

1.2.1 None.

1.3 Reason:

1.3.1 Some customers have noticed limited difference between dim and

bright mode.

1.4 Description:

1.4.1 This SB describes a procedure change the installation of the provided resistor.

1.5 Compliance:

1.5.1 Compliance with this SB is at discretion of customer.

1.6 Approvals:

1.6.1 This document has been approved by PWI engineering, and Quality departments and has received FAA approval for the technical data contained within the document that changes the type design.

1.6.2 Suitability of a particular assembly for modification is at discretion of modifying agency.

1.6.3 Quality assurance of modification described by this SB is responsibility of modifying agency.

1.7 Manpower:

1.7.1 Incorporation of this SB will require XX minutes per assembly.

1.8 Weight / Balance:

1.8.1 No weight change

1.9 References:

1.9.1 None

1.10 Publications Affected:

1.10.1 No publications are affected.

2.0 MATERIALS / PARTS REQUIREMENTS:

2.1 Material Requirements:

2.1.1 N/A

2.2 Availability:

N/A

2.3 Re-identified Parts:

None

P/N WAS:	P/N IS:
N/A	N/A

2.4 Tools / Tooling:

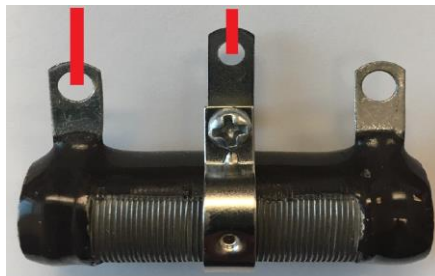
None

3.0 ACCOMPLISHMENT INSTRUCTIONS:

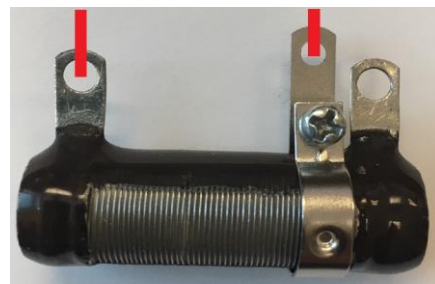
3.1 *Modification*

This service bulletin action will insure the resistor is set to its maximum resistance.

- 3.1.1 Turn off all breakers to power for main cabin.
- 3.1.2 Remove lamp cover plate by pulling gently on all sides.
- 3.1.3 Remove lamp 350-3380V003-001. You need not disconnect connector.
- 3.1.4 Add 1 each 1" x 3/8" piece of tape over the top of the already attached tape covering the location directly on top of the solder connections of the connector harness to the pc board.
- 3.1.5 Loosen screw on WW resistor and slide it as far as it can go away from other lead wire and retighten screw.



Current wire connections



New wire connections

- 3.1.6 Reattach lamp to cover plate.
- 3.1.7 Replace the cover plate back to its original location insuring all posts are securely in the rubber grommets.
- 3.1.8 After modification is made, switch breaker for cabin power back on.

3.2 *Documentation of Modification*

- 3.2.1 Identify accomplishment of this bulletin and modification on the inside of the lamp cover plate and/or the aircraft log book.\
- 3.2.2 This document supersedes service bulletin 02.