

**MU - 2**

SERVICE RECOMMENDATION

MITSUBISHI HEAVY INDUSTRIES, LTD.
NAGOYA AEROSPACE SYSTEMS WORKS
10, OYE-CHO, MINATO-KU, NAGOYA, JAPAN

No. 079	DATE: August 31, 2017
Subject:	Horizontal Stabilizer Leading Edge Skin, Replacement of
Effectivity:	MU-2B/-20/-25/-26: S/N 008 through 038, 102, 121 through 347 (except 313, 321) MU-2B-30/-35/-36: S/N 501 through 696 (except 652, 661)
Purpose:	This service recommendation provides replacement instructions and the necessary weight and balance check instructions when the horizontal stabilizer leading edge skins P/N 010A-21001-135/-136 would be installed in lieu of P/N 010A-21001-103/-104.
Compliance:	Optional
Responsible Agency of Compliance :	MU-2 Owners/Operators
Disposition of Removed Parts:	Scrap
Spare Parts Affected:	Yes
Required Man Hours:	Approximately 40 man-hours per each side
Special Tools Required:	None
Weight and Balance Change:	WT: + 2.1 lbs (+ 0.97 kg) per each side CG: MU-2B/-20/-25/-26: MOMENT + 765 lbs-in (+ 8.81 kg-m) per each side MU-2B-30/-35/-36: MOMENT + 908 lbs-in (+ 10.46 kg-m) per each side
Flight Manual Revision:	None
Note:	None

MU-2 Service Recommendation

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INSTRUCTIONS

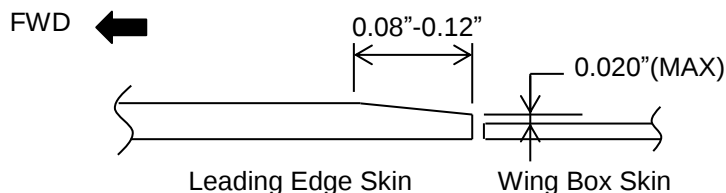
The horizontal stabilizer leading edge skins P/N 010A-21001-135/-136 ($t=0.040$ ") are acceptable replacement for the original parts P/N 010A-21001-103/-104 ($t=0.025$ ").

1. Replacement procedure

- (1) Remove the de-ice boots and the edge fillet.
- (2) Remove the leading edge skin P/N 010A-21001-103/-104.
- (3) Install the new leading edge skin P/N 010A-21001-135/-136.
- (4) Re-Install de-ice boots and the edge fillet in accordance with the Maintenance Manual.

NOTE

Leading edge skin shall be chamfered as shown below and touched up with Alodine treatment if mismatch is greater than 0.020 inches (the mismatch can be over 0.020 inches by accumulating the manufacturing tolerance) for the boundary area between the leading edge skin ($t=0.040$ ") and the wing box skin ($t=0.020$ "). Butt joint of skins shall be smooth transition with sealant (P/S870B or P/S895B) except de-ice boots area.



2. Weight and balance update

Weight of leading edge skin S/N 010A-21001-135 (-136) is approximately 2.1 lbs (0.97 kg) heavier than the original leading edge skin. Weight and balance data shall be calculated and updated in accordance with the instruction in the applicable Airplane Flight Manual.

PARTS AND MATERIAL REQUIRED

Part Number	Qty	Part Name	Remarks
010A-21001-135	1	LE Skin (LH)	Procure from MHIA
010A-21001-136	1	LE Skin (RH)	Procure from MHIA

COMPLETION

Upon completion of this Service Recommendation, make an appropriate maintenance entry in the logbook similar to "Service Recommendation No. 079 complied with on (date) by (name)".