



AIRCRAFT MAINTENANCE MANUAL

EPOXY-CERAMIC-COATING MARKS ON THE TAIL BOOM AND HORIZONTAL STABILIZER - REPAIR

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to repair the epoxy ceramic coating marks on the front fairing and horizontal-stabilizer leading-edge root fairings.
- B. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
55-36-04-300-801-A	CERAMIC COATING MARKS ON THE TAIL BOOM FRONT FAIRING - PAINTING REPAIR	ALL



EMB145 - EMB135

AIRCRAFT
MAINTENANCE MANUAL

TASK 55-36-04-300-801-A

EFFECTIVITY: ALL

2. CERAMIC COATING MARKS ON THE TAIL BOOM FRONT FAIRING - PAINTING REPAIR

A. General

- (1) This procedure gives the instructions to repair the epoxy ceramic coating marks on the front fairing and horizontal-stabilizer leading-edge root fairings.

B. References

REFERENCE	DESIGNATION
AMM TASK 55-15-01-000-801-A/400	HORIZONTAL-STABILIZER LEADING-EDGE ROOT-FAIRING POLYURETHANE FILM -REMOVAL
AMM TASK 55-15-01-400-801-A/400	HORIZONTAL-STABILIZER LEADING-EDGE ROOT-FAIRING POLYURETHANE FILM -INSTALLATION
CPM 51-21-11	-
IPC 55-36-00	TAIL BOOM

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
321		Horizontal stabilizer
333		Horizontal stabilizer
334		Horizontal stabilizer

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Workstand	To get access to the work area	
Commercially available	Acrylic spatula	To remove/install polyurethane film	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Protective Gloves	For protection of technician's hands	1
Commercially available	Safety Goggles	For protection of technician's eyes	1

F. Consumable Materials

Not Applicable



AIRCRAFT
MAINTENANCE MANUAL

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Polyurethane Film	IPC 55-36-00	AR

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Outside the aircraft

I. Epoxy Ceramic Coating - Application

SUBTASK 110-002-A

(1) Remove the Polyurethane Film from the Horizontal-Stabilizer Leading-Edge Root-Fairing ([AMM TASK 55-15-01-000-801-A/400](#)), if applicable.

(2) Apply the epoxy ceramic coating as shown in [Figure 801](#). Refer to CPM 51-21-11.

NOTE: Make sure that the final thickness of the epoxy ceramic coating is between 0.13 to 0.20 mm (0.005 to 0.009 in)

(3) Install the Polyurethane Film on the Horizontal-Stabilizer Leading-Edge Root-Fairing ([AMM TASK 55-15-01-400-801-A/400](#)), if applicable.

EFFECTIVITY: ALL
Front Fairing Marks
Figure 801

