

RVSM CRITICAL REGION - CLEANING/PAINTING

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures for painting the RVSM critical region.
- 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
53-00-02-100-801-A	RVSM CRITICAL REGION - PAINTING RE-PAIR PROCESS	ALL

TASK 53-00-02-100-801-A

EFFECTIVITY: ALL

2. RVSM CRITICAL REGION - PAINTING REPAIR PROCESS

A. General

(1) This procedure gives the instructions to repair the paint in the RVSM critical region.

B. References

REFERENCE	DESIGNATION
AMM TASK 20-12-01-930-801-A/200	-
AMM TASK 34-13-04-200-801-A/600	RVSM CRITICAL REGION (SKIN) FOR WAVINESS - INSPECTION
AMM TASK 34-13-04-200-802-A/600	STATIC PORT SURROUNDING PLATE FOR FLUSHNESS AND INTEGRITY - INSPECTION
CPM 51-21-01	-
CPM 51-21-02	-
CPM 51-21-05	-
CPM 51-21-06	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Spray gun	To spray the mixture	

E. Auxiliary Items

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Rubber gloves	Hand protection	AR
Commercially available	Safety goggles	Eye protection	AR
Commercially available	Lint-free cloth	For cleaning	AR

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
ASTM D-740	Methyl Ethyl Ketone (MEK)	AR
MIL-P-17667	Neutral Kraft Paper	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Outside the aircraft
1	Helps the other technician	Outside the aircraft

I. Preparation

SUBTASK 841-002-A

WARNING: • **CLEANING PRODUCTS ARE TOXIC AND FLAMMABLE. A GOOD FLOW OF AIR MUST BE AVAILABLE WHEN THE WORK IS DONE IN CLOSED AREAS.**

- **BE CAREFUL WHEN YOU USE SOLVENTS BECAUSE THEY ARE A HEALTH AND FIRE HAZARD. USE SAFETY GOGGLES AND PROTECTIVE CLOTHING WHEN YOU HANDLE THEM. DO NOT BREATHE THEIR GASES AND WORK IN A WELL VENTILATED AREA.**

CAUTION: • **DO NOT PERMIT THE CLEANING PRODUCTS (SOLVENTS) TO TOUCH PLASTICS OR SEALANT FILLET TO PREVENT DAMAGE TO THEM.**

- **DO NOT PUT THE REMAINING CLEANING MATERIAL BACK INTO THE ORIGINAL CONTAINERS TO PREVENT CONTAMINATION.**
- **DO NOT POUR CLEANING PRODUCT DIRECTLY ON THE SURFACE TO BE CLEANED.**
- **DO NOT PERMIT THE CLEANING PRODUCT TO EVAPORATE BEFORE IT IS DRIED WITH THE SOFT CLOTH.**
- **DO NOT WEAR CLOTHES WITH ZIPPER NOR USE METAL OBJECTS (SUCH AS WATCHES, BRACELETS, AND RINGS) OR METAL TOOLS WHEN YOU CLEAN THE SURFACE.**

(1) Mask the static port surrounding plate with Neutral Kraft paper which obeys the MIL-P-17667 specification and adhesive tape.

(2) Remove the paint. Refer to CPM 51-21-01.

NOTE: It is mandatory the removal of the previous painting, before the new paint application. This also applies when only part of the region is being repainted.

(3) Clean the area to be painted. Refer to CPM 51-21-02.

(4) Isolate the area around of the RVSM critical area with Neutral Kraft paper which obeys the MIL-P-17667 specification.

J. RVSM Critical Region Finish - Application

SUBTASK 110-002-A

(1) Apply conventional epoxy primer according to CPM 51-21-05.

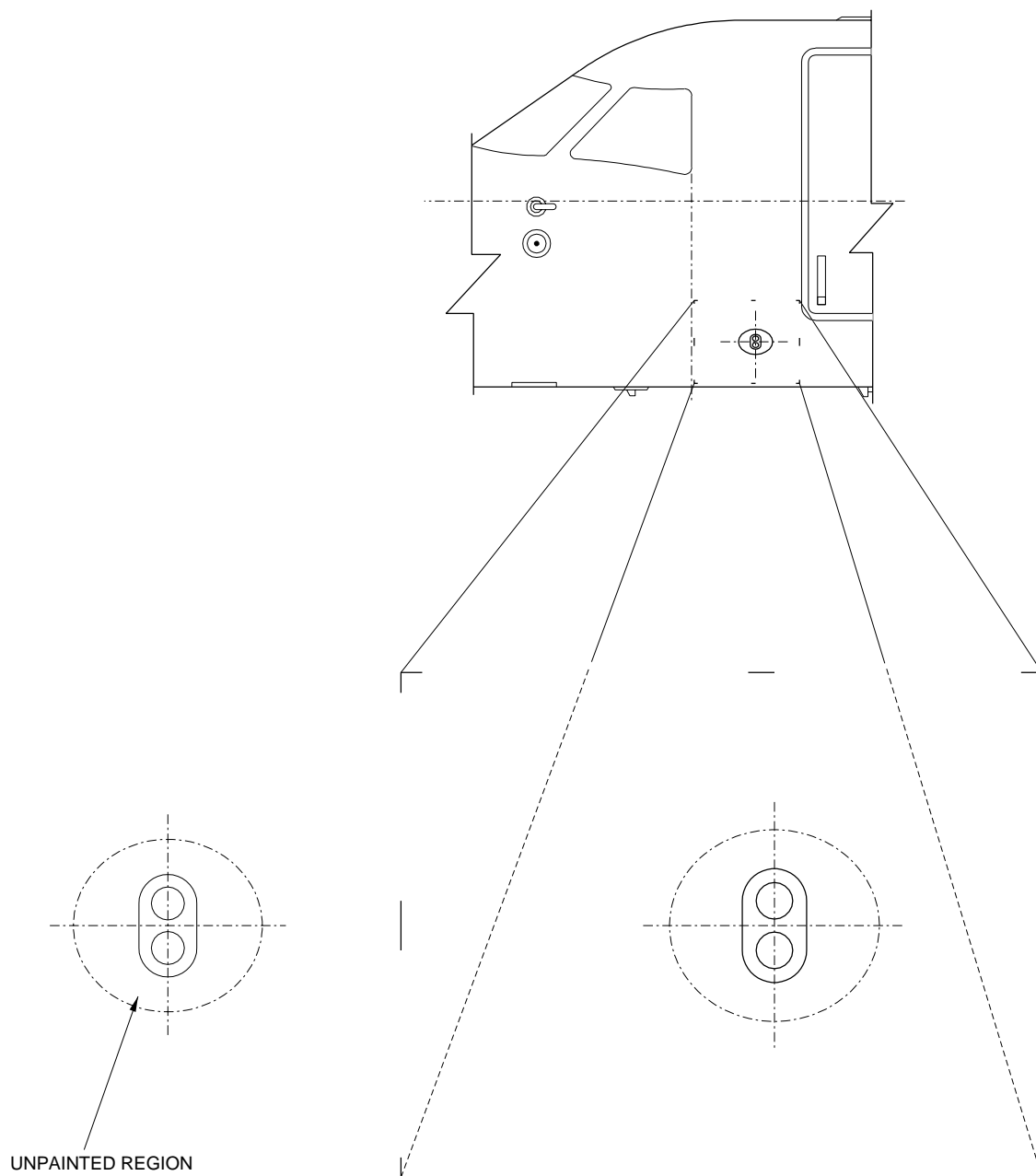
(2) Apply finish topcoat according to CPM 51-21-06.

K. Follow-on

SUBTASK 842-002-A

- (1) Remove the Neutral Kraft paper from the adjacent area and the static port surrounding plate.
- (2) Do the inspections [AMM TASK 34-13-04-200-801-A/600](#) and [AMM TASK 34-13-04-200-802-A/600](#), if one of the following conditions is present:
 - The original painting scheme was modified;
 - The original painting was not removed, prior to the current painting;
 - The thickness of the painting is out of the limits specified in the CPM 51-21-05 and CPM 51-21-06.
- (3) Install the new placard in the same location where the removed placard was. Refer to AMM TASK 20-12-01-930-801-A/200 to apply and bond the placard on the aircraft surfaces.

EFFECTIVITY: ALL
 RVSM Critical Region - Painting
 Figure 701



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