A) FINISH EXTERIOR EXPOSED SURFACE AFTER ASSEMBLY PER DRAWING 16N0001.
A) TOUCH UP AS REQUIRED PER 235, 236, 240, AND 242.

EXAMPLE NO. 4 - Clad 2024-T81 Exterior Skin - Non-fuel area

Step 1 - The requirements should be Basic Exterior Finish, Para. 3.2, for the exterior surface; and Basic Interior Finish, Para. 3.4, for the interior surface.

Step 2 - Material of construction is clad 2024-T81 aluminum alloy. Para. 3.2.2 specifies that the exterior finish for aluminum alloys is as follows:

(1) Clean and surface treat per 3.1.1.

(2) FMS-3027, MIL-PRF-23377, or MIL-PRF-85582 epoxy primer (1 coat).

(3) MIL-C-83286 or MIL-C-85285 Urethane Coating (2 coats) with color per 3.3.3.

Para. 3.4.2(a) specifies that the interior finish for clad aluminum alloys is as follows:

(1) Clean and surface treat per 3.1.1.

(2) FMS-3027, MIL-PRF-23377, or MIL-PRF-85582 epoxy primer (1 coat).

Step 3 - Surface treatment for aluminum is specified in Para 3.1.1, with noted exceptions in 3.1.1.1 through 3.1.1.5. None of the exceptions apply to this part. Surface treatment requirement is as follows:

(1) Clean with mild abrasives, solvents, vapor or solution degreasing, inhibited alkaline cleaners, or approved acid cleaners.

(2) Chemical film treat per MIL-C-5541.

(Both cleaning and chem film are covered in basic element 105.)

Step 4 - Complete finishing requirements are:

Interior Surface

(1) Clean per para. 3.1.1(a) and chemical film treat per MIL-C-5541 per para. 3.1.1(b)(3) (Basic element 105).

(2) Apply 1 coat FMS-3027, MIL-PRF-23377, or MIL-PRF-85582 epoxy primer (Basic element 201).

Exterior Surface

(1) Clean per para. 3.1.1(a) and chemical film treat per MIL-C-5541 per para. 3.1.1(b)(3) (Basic element 105).

(2) Apply 1 coat FMS-3027, MIL-PRF-23377, or MIL-PRF-85582 epoxy primer (Basic element 201).

(1) MIL-C-83286 or MIL-C-85285 Urethane Coating (2 coats).

(FSD only - Exterior exposed surfaces will be anodized in detail, then recleaned after assembly, per paragraph 3.7.19, primed and painted per drawing 16N0001 requirements. Production F-16A #7 and on, F-16B #3 and on, with earlier effectivity