APPENDIX B. Basic Elements

Basic Element	Basic Element Step(s)
356	RESTORE CORROSION PROTECTION TO EDGES OR SURFACES OF ALUMINUM PARTS TRIMMED AT ASSEMBLY, AND MANUFACTURED AND BUCKED HEADS OF ALUMINUM FASTENERS INSTALLED AT ASSEMBLY LEVEL. FOR PAINTED SURFACES, CLEAN PER FPS-3001, PARA. 3.1.1(A). BRUSH CHEMICAL FILM PER MIL-C-5541.
357	RESTORE CORROSION PROTECTION TO EDGES OR SURFACES OF ALUMINUM PARTS TRIMMED AT ASSEMBLY, AND MANUFACTURED AND BUCKED HEADS OF ALUMINUM FASTENERS INSTALLED AT ASSEMBLY LEVEL. FOR PAINTED SURFACES, CLEAN PER FPS-3001, PARA. 3.1.1(A). BRUSH CHEMICAL FILM PER MIL-C-5541 AND TOUCH UP WITH ONE COAT OF FMS-3027, MIL-PRF-23377, MIL-PRF-85582, OR FMS-1058-1 PRIMER, FOLLOWED BY ONE COAT OF MIL-C-22750 EPOXY ENAMEL OR MIL-C-83286 OR MIL-C-85285 URETHANE COATING, FLAT WHITE, COLOR 37875.
358	WIPE CLEAN WITH SOLVENT SUCH AS METHYL ETHYL KETONE OR MIL-C-38736 CLEANER. WIPE DRY.
359	CLEAN SURFACES SPECIFIED TO BE COATED WITH P6194-1 BY LIGHT SANDING WITH 320 GRIT OR FINER ABRASIVE PAPER.
360	APPLY P6194-1 COATING (0.015" +/- 0.005" THICK) TO SPECIFIED AREAS AND ALLOW TO CURE 24 HOURS.
361	RESTORE CORROSION PROTECTION TO EDGES AND SURFACES (E.G., HOLES, COUNTERSINKS, SPOTFACES, ETC.) OF ALUMINUM ALLOYS THAT HAVE BEEN MACHINED AFTER INITIAL CORROSION PROTECTION HAS BEEN APPLIED. FOR PAINTED SURFACES CLEAN PER FPS-3001, PARA. 3.1.1(A). TOUCH UP WITH ONE COAT OF FMS-3027, MIL-PRF-23377, MIL-PRF-85582, OR FMS-1058-1 PRIMER, FOLLOWED BY TWO COATS OF MIL-C-83286 OR MIL-C-85285 WHITE URETHANE COATING, COLOR 17875 OR 17925.
362	RESTORE CORROSION PROTECTION TO EDGES AND SURFACES (E.G., HOLES, COUNTERSINKS, SPOTFACES, ETC.) OF ALUMINUM ALLOYS THAT HAVE BEEN MACHINED AFTER INITIAL CORROSION PROTECTION HAS BEEN APPLIED. FOR SURFACES TREATED WITH SOLID FILM LUBRICANT, CLEAN PER FPS-3001, PARA. 3.1.1(A). AND APPLY MIL-L-23398 LUBRICANT (SPRAY-ON TYPE), OR FMS-3101 CLASS IV LUBRICANT, TO SPECIFIED SURFACES. COATING THICKNESS SHOULD BE JUST SUFFICIENT TO PRODUCE A SMOOTH, ADHERENT, AND UNIFORM COATING FREE FROM BLISTERS AND EXCESSIVE BUILDUP. COATING THICKNESS SHALL BE SUCH THAT IT WILL NOT CAUSE INTERFERENCE IN A SLIP FIT. FOR EXTERNAL THREAD APPLICATIONS, INSPECTION MAY BE BY HAND APPLICATION AND REMOVAL OF A STANDARD NON-SELF LOCKING NUT WITH COMPARABLE TYPE THREADS.