APPENDIX B. Basic Elements

Basic Element	Basic Element Step(s)
536	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-P-23377E TYPE 1, CLASS 1, OR DEFT 44-GN-36 PRIMER.
537	APPLY TWO COATS OF FMS-3027, MIL-P-23377E TYPE 1 CLASS 1, OR DEFT 44-GN-36 PRIMER TO ALL SURFACES. THE PRIMER COATING MAY BE DELAYED TO A SUBSEQUENT ASSEMBLY LEVEL WHEN THE ENTIRE LENGTH OF FAYING SURFACE OVERLAPS IS REQUIRED FOR ELECTRICAL BONDING.
538	APPLY TWO COATS OF FMS-3027, MIL-P-23377E TYPE 1 CLASS 1, OR DEFT 44-GN-36 PRIMER TO SPECIFIED SURFACE. THE PRIMER COATING MAY BE DELAYED TO A SUBSEQUENT ASSEMBLY LEVEL WHEN THE ENTIRE LENGTH OF FAYING SURFACE OVERLAPS IS REQUIRED FOR ELECTRICAL BONDING.
539	RESTORE CORROSION PROTECTION TO EDGES OR SURFACES OF ALUMINUM PARTS TRIMMED AT ASSEMBLY, MANUFACTURED AND BUCKED HEADS OF ALUMINUM FASTENERS INSTALLED AT ASSEMBLY LEVEL, AND TO HOLES (INCLUDING COUNTERSINKS) DRILLED AFTER PAINTING FOR REMOVABLE FASTENERS WHICH DO NOT HAVE INSERTS. FOR PAINTED SURFACES CLEAN PER FPS-3001, PARA. 3.1.1(A). BRUSH CHEMICAL FILM PER MIL-C-5541 AND TOUCH UP WITH TWO COATS OF FMS-3027, MIL-P-23377E TYPE 1 CLASS 1, OR DEFT 44-GN-36 PRIMER.
540	RESTORE CORROSION PROTECTION TO EDGES AND SURFACES (E.G., HOLES, COUNTERSINKS, ETC.) OF GRP THAT HAS BEEN MACHINED AFTER INITIAL CORROSION PROTECTION HAS BEEN APPLIED. FOR PAINTED SURFACES, BUFF WITH 320 (OR FINER) ABRASIVE PAPER & WIPE CLEAN WITH TT-M-261 MEK, FMS-2004, OR MIL-C-38736 (P6174 NON-AROMATIC CLEANER MAY BE USED IN LIEU OF MIL-C-38736 CLEANER). TOUCH UP WITH ONE COAT OF FMS-3027, MIL-PRF-23377, MIL-PRF-85582 PRIMER, OR FMS-1058-1 , FOLLOWED BY TWO COATS OF MIL-C-83286 OR MIL-C-85285 WHITE URETHANE COATING; COLOR NO. 17875 (OR COLOR NO. 17925).
541	APPLY TWO COATS OF MIL-C-83286 OR MIL-C-85285 URETHANE COATING, GRAY COLOR 26493, ON ALL SURFACES.