APPENDIX B. Basic Elements

Basic Element	Basic Element Step(s)
402	TO TOUCH UP SCRATCHES IN THE FMS-3014 FORM 2 ADHESIVE PRIMER SURFACE WHICH WERE INCURRED AFTER THE ELEVATED TEMPERATURE CURE OF FMS-3014 FORM 1 ADHESIVE (SEE FPS-3035 FOR THE ADHESIVE CURE CYCLE), CLEAN THE AREA WITH FMS-2004, MIL-C-38736 CLEANER (OR P6174 NON-AROMATIC CLEANER)*. BUFF THE SCRATCHED AREA WITH 320 GRIT SANDPAPER OR "SCOTCH-BRITE" AND DRY WIPE. IF THE SCRATCH EXTENDS INTO THE ALUMINUM SURFACE, THEN RESTORE CORROSION PROTECTION BY CHEMICAL FILM METHODS PER MIL-C-5541. 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) BY CHEMICAL FILM METHODS PER MIL-C-5541. FOR FUEL EXPOSED AREAS, APPLY A COAT OF AMS-C-27725 FUEL TANK COATING OR FMS-1058-1 PER FPS-3035. FOR NON-FUEL EXPOSED AREAS, APPLY A COAT OF FMS-1058-1 PER FPS-3035 OR A COAT OF FMS-3027, MIL-PRF-23377, OR MIL-PRF-85582 PRIMER. *NOTE: P6174 NON-AROMATIC CLEANER MAY BE USED IN LIEU OF MIL-C-38736 CLEANER. (REFERENCE CR 1345 FOR CO-PRODUCER USE).
403	APPLY FMS-3014 FORM 2 ADHESIVE PRIMER TO SPECIFIED SURFACES PER FPS-3035.
404	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) BY CHEM FILM METHODS PER MIL-C-5541. TOUCH UP WITH ONE COAT OF FMS-3027, MIL-PRF-23377, MIL-PRF-85582, OR FMS-1058-1 PRIMER. FOR PAINTED SURFACES, CLEAN PER FPS-3001; PARA. 3.1.1(A). BUFF THE SCRATCHED AREA WITH 320 GRIT SANDPAPER OR "SCOTCH-BRITE" AND RE-WIPE WITH MIL-C-38736* OR FMS-2004 CLEANER. IF THE SCRATCH EXTENDS INTO THE ANODIZED ALUMINUM SURFACE, THEN RESTORE CORROSION PROTECTION BY CHEM FILM METHODS PER MIL-C-5541. APPLY A MIST-COAT OF FMS-3027, MIL-PRF-23377, MIL-PRF-85582, OR FMS-1058-1 PRIMER, AND SUBSEQUENTLY APPLY TWO COATS OF WHITE URETHANE; COLOR NO. 17875 OR COLOR NO. 17925 PER MIL-C-83286 OR MIL-C-85285. *NOTE: P6174 NON-AROMATIC CLEANER MAY BE USED IN LIEU OF MIL-C-38736 CLEANER. (REFERENCE CR 1345 FOR CO-PRODUCER USE).