APPENDIX B. Basic Elements

Basic Element	Basic Element Step(s)
546	THE APPLICATION OF WHITE PAINT MAY BE DELAYED TO A SUBSEQUENT ASSEMBLY LEVEL. IF WHITE PAINT IS APPLIED AT A LATER TIME, PREVIOUSLY PRIMED SURFACES SHALL BE SOLVENT CLEANED (MIL-C-38736* OR FMS-2004), SCUFFED TO REMOVE GLOSS WITH 320 GRIT SANDPAPER OR "SCOTCHBRITE", RE-WIPED WITH SOLVENT CLEANER, THEN MIST COATED WITH FMS-3027, MIL-P-23377E TYPE 1 CLASS 1, OR DEFT 44-GN-36 PRIMER, FOLLOWED BY TWO COATS OF URETHANE, WHITE COLOR 17875 OR 17925, PER MIL-C-83286 OR MIL-C-85285 APPLIED TO ALL EXPOSED SURFACES. *NOTE: P6174 NON-AROMATIC CLEANER MAY BE USED IN LIEU OF MIL-C-38736 CLEANER. (REFERENCE CR 1345 FOR CO-PRODUCER USE.)
547	THE APPLICATION OF LIGHT GRAY URETHANE PAINT MAY BE DELAYED TO A SUBSEQUENT ASSEMBLY LEVEL. IF LIGHT GRAY URETHANE PAINT IS APPLIED AT A LATER TIME, PREVIOUSLY PRIMED SURFACES SHALL BE SOLVENT CLEANED (MIL-C-38736* OR FMS-2004), SCUFFED TO REMOVE GLOSS WITH 320 GRIT SANDPAPER OR "SCOTCHBRITE", REWIPED WITH SOLVENT CLEANER, THEN MIST COATED WITH FMS-3027, MIL-P-23377E TYPE 1 CLASS 1, OR DEFT 44-GN-36 PRIMER, FOLLOWED BY TWO COATS OF LIGHT GRAY URETHANE COATING, COLOR 26493, APPLIED TO ALL EXPOSED SURFACES. *NOTE: P6174 NON-AROMATIC CLEANER MAY BE USED IN LIEU OF MIL-C-38736 CLEANER. (REFERENCE CR 1345 FOR CO-PRODUCER USE.)
548	RESTORE CORROSION PROTECTION TO EDGES & SURFACES(E.G., HOLES COUNTERSINKS, SPOTFACES, ETC.) OF CORROSION RESISTANT STEEL ALLOYS THAT HAVE BEEN MACHINED AFTER INITIAL CORROSION PROTECTION HAS BEEN APPLIED. FOR PAINTED SURFACES, CLEAN PER FPS-3001, PARA. 3.1.3(A). TOUCH UP WITH ONE COAT OF FMS-3027, MIL-P-23377E TYPE 1 CLASS 1, OR DEFT 44-GN-36 PRIMER, FOLLOWED BY TWO COATS OF MIL-C-83286 OR MIL-C-85285 URETHANE COATING, COLOR 26493 OR TWO COATS OF URETHANE OR OR TEFLON-URETHANE COATING OF THE COLOR SPECIFIED ON THE APPLICABLE 16NXXXX AIRCRAFT PAINTING DRAWING (WHICHEVER WAS PREVIOUSLY APPLIED).
549	RESTORE CORROSION PROTECTION TO EDGES OR SURFACE OF ALUMINUM PARTS TRIMMED AT ASSEMBLY, AND MANUFACTURED AND BUCKED HEADS OF ALUMINUM FASTENERS INSTALLED AT ASSY. 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, FOLLOWED BY TWO COATS OF GRAY URETHANE COATING, COLOR 26493, PER MIL-C-83286 OR MIL-C-85285. FINISH HOLES (INCLUDING COUNTERSINKS) DRILLED AFTER PAINTING FOR REMOVABLE FASTENERS WHICH DO NOT HAVE INSERTS IN ACCORDANCE WITH THIS BASIC ELEMENT OR WITH ELEMENT 539.