APPENDIX B. Basic Elements

Basic Element	Basic Element Step(s)
550	RESTORE CORROSION PROTECTION TO EDGES AND 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 LIGHT SEMIGLOSS GRAY URETHANE COATING, COLOR 26493.
551	RESTORE CORROSION PROTECTION TO EDGES AND 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) AND TOUCH UP WITH ONE COAT OF FMS-3027, MIL-P-23377E TYPE 1 CLASS 1, OR DEFT 44-GN-36 PRIMER.
552	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, FOLLOWED BY THE FINISH SPECIFIED ON THE APPLICABLE 16NXXXX AIRCRAFT PAINTING DWG. 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.
553	APPLY TWO COATS OF FMS-3027, MIL-PRF-23377, OR MIL-PRF-85582 PRIMER TO SPECIFIED SURFACE. APPLY THE COATS TO THE BLIND HOLE BY FILLING WITH PRIMER AND DRAINING. THE DELAY TIME BETWEEN COATS SHALL BE 120 MINUTES. THE PIN SHALL REMAIN IN A POSITION TO ALLOW DRAINING THROUGHOUT THE DELAY TIME AND FOLLOWING THE SECOND PRIME COAT APPLICATION. AFTER CURE VISUALLY INSPECT FOR PRIMER COVERAGE. PRIMER THICKNESS MEASUREMENTS ARE NOT REQUIRED. DRIPS AND RUNS ARE ACCEPTABLE. TOUCH UP ANY BARE AREAS BY SWABBING ADJACENT PRIME WITH APPROVED SOLVENT FOLLOWED BY APPLICATION OF PRIMER BY SWABBING BARE AREA AND OVERLAPPING ADJACENT PRIMER.
554	APPLY TWO COATS OF MIL-C-83286 OR MIL-C-85285 URETHANE COATING, WHITE COLOR 17875 OR 17925, TO SPECIFIED AREA OF TUBING.