APPENDIX A. Finish Codes

SECTION S. CORROSION RESISTANT STEEL ALLOYS

CODE	APPLICABLE FINISH
S638	**AMS-C-27725 FUEL TANK COATING AND WHITE ACRYLIC LACQUER/WHITE URETHANE. 300 SERIES OR HEAT TREATABLE CRES.**
	A PASSIVATE PER 146.
	B APPLY AMS-C-27725 FUEL TANK COATING ON SPECIFIED FAYING SURFACES AND SURFACES EXPOSED TO FUEL PER 221.
	C PRIME REMAINING SURFACES ONE COAT PER 202.
	D PAINT PRIMED SURFACES WITH EITHER WHITE ACRYLIC LACQUER OR WHITE URETHANE COATING PER 294 (OR 296).
	E TOUCH UP AS REQUIRED PER 325 AND 338.
S639	**WHITE URETHANE AND 16NXXXX FINISH. 300 SERIES OR HEAT TREATABLE CRES (EXCEPT TUBING).**
	A PASSIVATE PER 147.
	B PRIME ONE COAT SPECIFIED SURFACES PER 202.
	C PAINT SPECIFIED SURFACES WITH WHITE URETHANE COATING PER 222 (OR 274).
	D FINISH EXTERIOR SURFACES PER THE APPLICABLE 16NXXXX AIRCRAFT PAINTING DRAWING.
	E TOUCH AS REQUIRED PER 324.
S640	**DARK GRAY URETHANE. 300 SERIES AND HEAT TREATABLE CRES.**
	A PASSIVATE PER 146.
	B APPLY MIL-C-8514 WASH PRIMER TO SPECIFIED SURFACES PER 306.
	C PRIME SPECIFIED SURFACES WITH ONE COAT OF PRIMER PER 202.
	D PAINT PRIMED SURFACES WITH DARK GRAY URETHANE COATING PER 257.
	E TOUCH UP AS REQUIRED PER 333.
S641	**DARK GRAY URETHANE. 300 SERIES AND HEAT TREATABLE CRES.**
	A PASSIVATE PER 146.
	B APPLY MIL-C-8514 WASH PRIMER TO ALL SURFACES PER 316.
	C PRIME ALL SURFACES WITH ONE COAT OF PRIMER PER 201.
	D PAINT PRIMED SURFACES WITH TWO COATS OF DARK GRAY URETHANE COATING PER 263.
	E TOUCH UP PER 333.
S642	**LIGHT GRAY URETHANE AND 16NXXXX FINISH. AISI 410 OR 17-4PH CASTING DETAILS OR PARTS PREVIOUSLY PASSIVATED.**
	A CLEAN PER 135.
	B PRIME SPECIFIED SURFACES WITH ONE COAT OF PRIMER PER 202.
	C PAINT INTERIOR SPECIFIED SURFACES LIGHT GRAY URETHANE PER 254. (PAINT OVERSPRAY ONTO EXTERIOR SURFACES IS PERMISSIBLE)
	D FINISH EXTERIOR EXPOSED SURFACES AFTER ASSEMBLY PER DRAWING 16NXXXX.
	E TOUCH UP AS REQUIRED PER 348.
S643	**CADMIUM PLATE OR IVD ALUMINUM. 300 SERIES OR HEAT TREATABLE CRES.**
	A IF CADMIUM PLATING, CLEAN AND APPLY WOOD'S NICKEL STRIKE TO ALL SURFACES PER 166. (IF APPLYING IVD ALUMINUM, SKIP THIS STEP.
	B CADMIUM PLATE PER 160 OR IVD ALUMINUM TREAT PER 520 ALL SURFACES.