APPENDIX A. Finish Codes

SECTION D. NON-CORROSION RESISTANT STEEL ALLOYS

CODE	APPLICABLE FINISH

D456 **ALLOY STEEL - (CADMIUM PLATE OR IVD ALUMINUM)**
16NXXXX FINISH AND SOLID FILM LUBRICANT
HEAT TREAT LEVEL: GREATER THAN 240 KSI

A PREPARE SPECIFIED SURFACES AND TREAT PER 165.
B APPLY SOLID FILM LUBE TO SPECIFIED SURFACES PER 207.
C ON REMAINING SURFACES, VACUUM CADMIUM PLATE PER 155 OR APPLY IVD ALUMINUM PER 517.
D PRIME ONE COAT TO SPECIFIED SURFACES PER 202.
E PAINT SPECIFIED SURFACES WITH DARK GRAY URETHANE COATING PER 257 (OR 277) FOR FSD AIRCRAFT (61: NO. 2 THRU NO. 6, 62: NO. 1 AND NO. 2). PRODUCTION AIRCRAFT SHALL USE THE COLOR OF URETHANE COATING SPECIFIED ON APPLICABLE 16NXXXX AIRCRAFT PAINTING DRAWING.
F TOUCH UP AS REQUIRED PER 345 AND 315.

D457 **ALLOY STEEL - (CADMIUM PLATE OR IVD ALUMINUM)**
16NXXXX FINISH AND MOLYBDENUM WEAR COATING
ALLOY STEELS HEAT TREATED GREATER THAN 220 KSI

A CLEAN, PREPARE, AND APPLY MOLYBDENUM WEAR COATING TO THE SPECIFIED SURFACES IN THICKNESSES NOTED ON DRAWING PER 162.
B ON REMAINING SURFACES, VACUUM CADMIUM PLATE PER 155 OR APPLY IVD ALUMINUM PER 517.
C PRIME ONE COAT SPECIFIED SURFACES PER 202.
D PAINT SPECIFIED SURFACES WITH DARK GRAY URETHANE COATING PER 257 (OR 277) FOR FSD AIRCRAFT (61: NO. 2 THRU NO. 6, 62: NO. 1 AND NO. 2). PRODUCTION AIRCRAFT SHALL USE THE COLOR OF URETHANE COATING SPECIFIED ON APPLICABLE 16NXXXX AIRCRAFT PAINTING DRAWING.
E TOUCH UP AS REQUIRED PER 345.

D458 **ALLOY STEEL - PRIMER, LUSTERLESS BLACK**
URETHANE, AND SOLID FILM LUBRICANT
HEAT TREAT RANGE: 240 KSI UTS

A PREPARE ALL SURFACES AND TREAT PER 118.
B APPLY SOLID FILM LUBRICANT TO SPECIFIED SURFACES IN NOTED DIMENSIONS PER 207.
C PRIME TWO COATS ON REMAINING SURFACES, UNLESS OTHERWISE SPECIFIED, PER 205.
D PAINT PRIMED SURFACES WITH LUSTERLESS BLACK URETHANE COATING PER 283 (OR 281).
E TOUCH UP AS REQUIRED PER 314 AND 315.

D459 **ALLOY STEEL - SOLID FILM LUBRICANT, ALL SURFACES**
HEAT TREAT RANGE: 180 - 240 KSI UTS

A PREPARE ALL SURFACES AND TREAT PER 117.
B APPLY SOLID FILM LUBRICANT TO ALL SURFACES PER 228.
C TOUCH UP AS REQUIRED PER 315.