

BAC5811

REVISION
U
12/22/1997

APPLICATION OF BONDED SOLID
FILM LUBRICANTS



<u>BAC 5811 DEPARTURES</u>	<u>EFF DATE</u>	<u>SUBCONTRACTOR(S) AFFECTED</u>	<u>ON MODELS</u>	<u>MFG DEPTS OF DIV BELOW AFFECTED</u>
6-27	4/2/1991	NONE	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	A-3250
6-34	1/6/1995	NONE	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	SHOP A-8810
6-36	7/2/2002	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	ALL BCAG AND SUPPORTING
6-37	9/12/2003	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	BCAG AND SUPPORTING
6-38	4/29/2016	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	BCAG AND SUPPORTING
6-39	5/11/2017	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	ALL BCA AND SUPPORTING
6-40	6/30/2017	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	ALL BCA AND SUPPORTING
8-5	4/24/1995	ALL	ALL BH	BH AND SUPPORTING
9-11	6/8/1998	ALL	581 (B-2)	BOEING DEFENSE AND SPACE GROUP AND SUPPORTING
9-14	1/25/2000	ALL	494 (F-22)	BOEING DEFENSE AND SPACE GROUP
9-15	8/8/2002	NOT AVAILABLE		
QPL	10/24/2014	N/A	N/A	N/A

THIS SPECIFICATION ESTABLISHES THE REQUIREMENTS FOR THE APPLICATION AND RESULTING BONDED SOLID FILM COATINGS PRODUCED FROM LIQUID DISPERSED SOLID FILM LUBRICANTS.

REASON

TO RETAIN PROCESS CONTROL THICKNESS INSPECTION REQUIREMENTS NOT INCORPORATED BY REV. P.
TO ALLOW SHOP A-8810 TO APPLY BMS3-8 ONTO FERRULE BEARINGS OF PROCESSED TITANIUM DUCT ASSEMBLIES.
TO PROVIDE APPEARANCE REQUIREMENTS FOR SOLVENT BORNE AND WATER BORNE SOLID FILM LUBRICANTS.
TO CLARIFY REWORK CRITERIA FOR PASSIVATED PARTS AND ADD REQUIREMENT FOR REWORK DOCUMENTATION.
TO ENHANCE BOEING CONTROL ON THE APPLICATION OF TYPE X (D6-3488) SOLID FILM LUBRICANT. ENHANCE MIXING INSTRUCTIONS OF ALL LUBRICANTS.
CLARIFY REQUIREMENTS FOR MECHANICAL MATERIAL REMOVAL IN SECTION 8.8.C.
PROVIDE ALTERNATIVE SOLVENT FOR FLUID RESISTANCE TESTING.
TO PROVIDE FOR OPTIONAL USE OF LOW VOC DRY FILM LUBRICANT (SANDSTROM 099). REFERENCE BSS7002 FOR ALL STORAGE CONTROL.
TO REVISE TYPE VI, CLASS 4, CORRECT TYPOS AND REVISE CURE TIMES. UPDATE TO REV. U.
TO ADD SURFACE PREPARATION REQUIREMENTS FOR THERMAL SPRAY COATINGS.