

BAC5861

REVISION
E
11/4/2011

APPLICATION OF PHOSPHATE-
FLUORIDE COATING TO TITANIUM
ALLOYS



THIS SPECIFICATION ESTABLISHES THE REQUIREMENTS FOR THE APPLICATION OF A PHOSPHATE-FLUORIDE CONVERSION COATING TO TITANIUM AND TITANIUM ALLOYS.

<u>BAC 5861 DEPARTURES</u>	<u>EFF DATE</u>	<u>SUBCONTRACTOR(S) AFFECTED</u>	<u>ON MODELS</u>	<u>MFG DEPTS OF DIV BELOW AFFECTED</u>	<u>REASON</u>
6-13	1/1/2015	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	BCAG AND SUPPORTING	TO PROVIDE A PROCEDURE FOR REWORKING DAMAGED PAINT FINISHES ON TITANIUM PARTS
6-18	9/11/2014	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	BCAG AND SUPPORTING	TO ALLOW REFERENCE TO BAC5753 METHOD IIA FOR IMMERSION APPLICATION.
8-10	9/28/1999	ALL	ALL BH	BH	TO REVISE PROCESS CONTROL TESTING FOR BONDED PARTS. ADD INFO TO ACCOUNT FOR THE USE OF BR6747 PRIMER. ADD REFERENCE TO D210-13467-1 FOR QUALIFICATION REQUIREMENTS.
9-8	11/29/1994	ALL	ALL BOEING DEFENSE AND SPACE GROUP	BOEING DEFENSE AND SPACE GROUP AND SUPPORTING	TO UPDATE PSD L-4 TO APPLY TO ALL BOEING DEFENSE AND SPACE GROUP
9-16	10/28/1997	ALL EXCEPT LAWRENCE RIPAK	494 (F-22)	BOEING DEFENSE AND SPACE GROUP	TO CLARIFY RINSING REQUIREMENTS AFTER HOT SOAK.
9-19	10/28/1997	LAWRENCE RIPAK	494 (F-22)	NONE	TO CLARIFY RINSING REQUIREMENTS AFTER HOT SOAK.
9-24	3/25/1999	ALL	ALL BOEING DEFENSE AND SPACE GROUP	BOEING DEFENSE AND SPACE GROUP AND SUPPORTING	TO REMOVE CONCENTRATION REQUIREMENT ON HYDROFLUORIC ACID.
9-25	7/13/2000	AIR CAPITOL PLATING HYTECH FINISHES CO.	494 (F-22)	BOEING DEFENSE AND SPACE GROUP	TO ALLOW OPTIONAL PRETREATMENT BY GLASS BEAD BLASTING FOR IMPROVED ADHESION.
9-34	6/26/2003	NOT AVAILABLE			
9-36	10/13/2005	ALL	FL 1 ALL IDS-PS/W/H	INTEGRATED DEFENSE SYSTEMS AND SUPPORTING	TO ADD ALODINE 5200
9-37	11/3/2008	ALL	494	INTEGRATED DEFENSE SYSTEMS	ADD OPTION TO USE SOL-GEL IN LIEU OF PHOSPHATE FLUORIDE CONVERSION COAT, CLARIFICATION.