

# BAC5019

REVISION  
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6/3/2005

CHROMIC ACID ANODIZING



THIS SPECIFICATION ESTABLISHES THE REQUIREMENTS FOR CHROMIC ACID ANODIZING OF ALL ALUMINUM AND ALUMINUM ALLOYS

<u>BAC 5019 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>
6-135	4/20/1995	NONE	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	SHOP 8-3194 ONLY	TO REVISE REQUIREMENTS FOR UNSEALED ANODIZE PRETREATMENT SUCH THAT A LONGER PERIOD OF TIME IS ALLOWED BETWEEN ANODIZING AND PRIMING OR FIRST FUEL TANK COATING APPLICATION.
6-143	4/2/1997	ISRAEL AIRCRAFT INDUSTRIES LTD	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	NONE	TO ALLOW HIGHER FREE CHROMIC ACID AND TOTAL HEXAVALENT CHROMATE IN THE ANODIZING SOLUTION
6-145	3/24/1997	HAWKER-DEHAVILLAND, SIDNEY AND GOVERNMENT AIRCRAFT FACTORIES,	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	NONE	(1) TO PERMIT USE OF EXISTING SEALING FACILITIES. (2) TO ASSURE SATISFACTORY PAINT ADHESION TO ANODIZED SURFACES.
6-155	5/20/1999	FUJI HEAVY INDUSTRIES; KAJI KINZOKU KOGYU CO., LTD	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	NONE	TO ASSURE ADHESION OF PAINT ON PARTS ENAMELLED IN DETAIL. TO ENABLE SUBCONTRACTORS TO USE EXISTING FACILITIES
6-158	11/1/1996	VOUGHT AIRCRAFT INDUSTRIES, INC.	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	NONE	TO ALLOW EXTENSION OF FLOW TIME FROM CLASS 5 ANODIZING TO FIRST PRIME COAT OR FUEL TANK COATING FROM 16 TO 48 HOURS.
6-162	1/5/2006	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	ALL BCAG AND SUPPORTING	CHANGE SECTION 6C. CONTINUOUS TEMPERATURE MONITORING REQUIREMENT TO AGREE WITH SECTION 8G. WHICH ALLOWS REGULAR INTERVAL MONITORING DETERMINED THROUGH EXPERIENCE.
6-163	1/16/2007	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	ALL BCA AND SUPPORTING	ALLOW THE USE OF TEST PANELS OF THE SAME ALLOY AS THAT OF THE PRODUCTION PARTS.
6-166	6/10/2011	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	ALL BCA AND SUPPORTING	TO REMOVE PAINT ADHESION TESTING REQUIREMENTS FROM SECTION 11 FOR CLASS 5 COATINGS
6-167	2/7/2011	HYTEK FINISHES CO	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	NONE	TO ALLOW AN ALTERNATIVE TEMPERATURE RANGE FOR DILUTE CHROMATE SEALING OF PARTS ANODIZED AT 105 F
6-169	8/25/2016	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	ALL BCA AND SUPPORTING	(1) TO ADD SODIUM CHROMATE TETRAHYDRATE FOR USE IN DILUTE CHROMATE SEAL SOLUTION, (2) UPDATE OBSOLETE MATERIAL SPECIFICATION REFERENCES IN MATERIALS CONTROL, AND (3) ALLOW THE USE OF LIQUID SODIUM HYDROXIDE.
8-6	11/23/1992	ALL	ALL BH	BH	TO UPDATE TO CURRENT REVISION LEVEL
9-2	8/1/1997	ALL	ALL BOEING DEFENSE AND SPACE GROUP	BOEING DEFENSE AND SPACE GROUP AND SUPPORTING	DIRECT BAC5019 TO BAC5884 UPDATE TO REV. R.