

# BAC5019

REVISION  
W  
10/29/2021

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.
6-167	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
DCNPSO-013193_01	10/27/2021	N/A	N/A	N/A	THIS SPECIFICATION REVISION HAD MULTIPLE UPDATES, INCLUDING REMOVING OBSOLETE SOURCES AND OTHER CLARIFICATIONS, ADDING SOLUTION 18, AND MULTIPLE SIMPLIFIED TECHNICAL ENGLISH (STE) CHANGES THROUGHOUT.