

BAC5555

REVISION
V
8/13/2020

PHOSPHORIC ACID ANODIZING OF
ALUMINUM FOR STRUCTURAL
BONDING



THIS SPECIFICATION ESTABLISHES THE ENGINEERING REQUIREMENTS FOR PHOSPHORIC ACID ANODIZING OF ALUMINUM FOR STRUCTURAL ADHESIVE BONDING AND SUBSEQUENT FINAL FINISHING.

<u>BAC 5555 DEPARTURES</u>	<u>EFF DATE</u>	<u>AFFECTED SUBCONTRACTOR(S)</u>	<u>AFFECTED PROGRAMS</u>	<u>AFFECTED BOEING SITES</u>	<u>REASON</u>
1-5	7/7/2021	SPIRIT AEROSYSTEMS	ALL BCA, AEW&C WEDGETAIL, C-40 CLIPPER, P-8 POSEIDON	NONE	ALLOW USE OF MASKANT REPAIR MATERIALS APPLIED PRIOR TO CHEMICAL MILLING TO REMAIN IN PLACE WHEN GOING THROUGH BAC5555 PROCESS FOLLOWING CHEMICAL MILLING.
6-118	5/27/2011	SPIRIT AEROSYSTEMS	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	NONE	TO ALLOW SPIRIT TO PROCESS WITH DIFFERENT RECTIFIER REQUIREMENTS.
6-122	7/2/2014	KAMAN AEROSPACE CORPORATION BLOOMFIELD, CT	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	NONE	TO REINSTATE ALLOWANCE FOR USE OF EXISTING DEOXIDIZER.
6-125	9/28/2018	TRIUMPH AIRBORNE STRUCTURES INC.	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	NONE	ALLOW TRIUMPH AIRBORNE STRUCTURES TO PROCESS WITH DIFFERENT INCOMING WATER REQUIREMENTS AND ALLOW THE USE OF ALKALINE, DEOXIDIZER AND ASSOCIATED RINSE TANKS FOR NON-BONDED DETAILS.
6-126	9/28/2018	FLEET CANADA INC	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	NONE	PERMIT PROCESSING OF BAC5555 BOND PARTS AND DEHAVILLAND PPS 36.10 BOND PARTS IN THE SAME MANUFACTURING LINE
6-127	9/28/2018	Mitsubishi Heavy Industries, LTD (MHI)	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	NONE	TO ALLOW ALTERNATE VAPOR DEGREASING SOLVENT AND ALTERNATE DEGREASING PROCESS
6-129	9/28/2018	YOKOHAMA RUBBER CO., LTD	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	NONE	TO ALLOW ALTERNATE VAPOR DEGREASING SOLVENT AND ALTERNATE DEGREASING PROCESS
6-131	10/16/2018	SPIRIT AEROSYSTEMS, INC WICHITA DIVISION	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	NONE	TO ALLOW SPIRIT TO PERFORM THE WATERBREAK FREE INSPECTION ON OUTER SURFACES OF LOADS AT A FREQUENCY OF ONCE PER SHIFT AND SPECIFY OTHER REQUIRED TESTS AND FREQUENCIES. ADDITIONAL REQUIREMENTS ARE RETAINED.
6-132	8/13/2020	TX	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	NONE	TO ALLOW USE OF PERMANENT MASKANT.
8-3	10/29/2014	GKN	ALL BOEING PHILADELPHIA	ALL BOEING PHILADELPHIA AND SUPPORTING	TO ALLOW GKN TO PROCESS METAL BOND DETAILS PER DPS11.08.
8-4	12/10/2018	TRIUMPH FABRICATIONS - FT. WORTH	ALL BOEING PHILADELPHIA	NONE	TO ALLOW USE OF PERMANENT MASKANT.
8-5	12/7/2018	FLEET CANADA INC	H-47	NONE	PERMIT PROCESSING OF BAC5555 BOND PARTS AND DEHAVILLAND PPS 36.10 BOND PARTS IN THE SAME MANUFACTURING LINE
9-1	6/16/2011	SPIRIT AEROSYSTEMS	ALL BDS-PS/W/H	NONE	TO ALLOW SPIRIT TO PROCESS WITH DIFFERENT RECTIFIER REQUIREMENTS.
9-2	7/25/2012	ALL	ALL BDS	BDS AND SUPPORTING	ALLOW BDS AND SUPPLIERS TO PROCESS WITH PERMANENT MASKANT.
DCNPSO-012852_01	8/13/2020	N/A	N/A	N/A	THIS REVISION IS CHANGING REWORK PROCESSES AND COMPANY NAME CHANGES