

# BAC5637

REVISION  
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5/8/2014

ZINC-NICKEL ALLOY PLATING



THIS SPECIFICATION ESTABLISHES THE REQUIREMENTS FOR THE ELECTRODE POSITION OF ZINC-NICKEL ALLOY PLATING.

<u>BAC 5637 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	4/10/2008	JAPANESE SUBCONTRACTORS	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	NONE	TO CHANGE THE CALLOUTS FOR AMMONIUM CHLORIDE AND HYDROCHLORIC ACID TO ALLOW PROCESSOR TO USE LOCALLY AVAILABLE MATERIALS. TO ALLOW THE USE OF DIPSOL IZG-263E AS A SUBSTITUTE FOR DIPSOL IZG-265E FOR SOLUTION 2 IN SECTION 9.2.1. TO ALLOW THE USE OF AN ALTERNATE NICKEL STRIKE PROCEDURE AND SOLUTION. TO CHANGE THE CONTROL OF THE TEMPERATURE AND IMMERSION TIME FOR SOLUTION 2 (DIPSOL IZ-258) IN SECTION 9.2.1
6-15	12/22/2016	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	ALL BCA AND SUPPORTING	1) CLARIFY INTENDED USE OF PLATING AND TO REDEFINE STRESS RELIEVING PRIOR TO PLATING AND POST PLATE BAKING REQUIREMENTS. 2) CLARIFY SALT SPRAY TEST PROCEDURE, GIVING SIX DEGREE INCLINE REQUIREMENT. 3) PROVIDE ALLOWANCE TO PLATE CUSTOM 465 HIGH STRENGTH CRES. 4) UPDATE CONTROL FOR TRIVALENT CHROMATE PASSIVATE DIPSOL IZ-264 SOLUTION. 5) PROVIDE ALLOWANCE FOR USING TRIVALENT CHROMATE PASSIVATE WITH ACID ZINC-NICKEL. 6) PROVIDE ALLOWANCE USING MAGNETIC PARTICLE INSPECTION POST-CHROMATE APPLICATION. 7) PROVIDE NEW ACTIVATION METHOD FOR ZINC-NICKEL PLATING PRIOR TO APPLICATION OF CHROMATE CONVERSION COATING. 8) REMOVING BRUSH CADMIUM PLATING OPTION