

# BAC5730

REVISION  
R  
12/21/2011

SHOT PEENING



THIS SPECIFICATION ESTABLISHES THE REQUIREMENTS FOR COMPRESSION SHOT PEENING OF METAL PARTS WHEN USING METALLIC OR CERAMIC SHOT TO INCREASE THE FATIGUE LIFE AND TO INHIBIT STRESS CORROSION CRACKING. SHOT TYPES COVERED BY THIS SPECIFICATION

<u>BAC 5730 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>
6-104	3/22/2012	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	ALL BCA AND SUPPORTING	TO CLARIFY THE ENGINEERING REQUIREMENTS ON COVERAGE OF ALMEN STRIP AT SATURATION.
6-105	10/26/2012	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	ALL BCA AND SUPPORTING	TO CLARIFY THE ENGINEERING REQUIREMENTS FOR RECORDING OF THE AUTOMATED OR MANUAL SHOT PEENING PROCESS.
6-108	8/5/2016	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	ALL BCA AND SUPPORTING	1. CONTROL OF HEMSTITCHED EDGE PREPARATION FOR ALUMINUM, CRES, AND MILL ANNEALED TITANIUM 6AI-4V. 2. EXAMPLE ADDED TO SECOND NOTE OF SECTION 8.2.1.C FOR CLARIFICATION 3. CLARIFICATION OF
6-109	10/7/2016	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	ALL BCA AND SUPPORTING	TO CLARIFY EQUIPMENT CAPABILITIES FOR COMPRESSION PEENING AND PROHIBIT TUMBLING PARTS UNDER OR THROUGH THE SHOT STREAM.
6-110	6/6/2017	ALL	ALL COMMERCIAL AIRPLANES AND DERIVATIVES THEREOF	ALL BCA AND SUPPORTING	REVERT TABLE II CHANGES BACK TO BASE SPECIFICATION AND CLARIFY NON-FEEDTHROUGH MACHINES.
8-17	6/21/2011	ALL	ALL BDS PHILADELPHIA	ALL BDS PHILADELPHIA	UPDATE PRIOR BDS PHILADELPHIA DEPARTURES TO REVISION P. MAKE NECESSARY CHANGES FOR PRODUCING ROTOCRAFT PARTS.
8-18	11/9/2011	NONE	ALL BDS PHILADELPHIA	ALL BDS PHILADELPHIA ONLY	TO UPDATE PSD 8-16 TO REVISION P FOR THE REPAIR AND TOUCH-UP PROCEDURES OF ROTORCRAFT PARTS
8-19	12/14/2011	ALL	V-22	ALL BDS PHILADELPHIA AND SUPPORTING	TO REVISE THE PARAMETER TOLERANCES OF METHOD III OF THIS SPECIFICATION TO COMPLY WITH BELL/BOEING/NAVAIR REQUIREMENTS FOR COMPUTER MONITORED SHOT PEENING.
9-4	8/10/1995	ALL	204 (E-3A) 409 (E-6)	BOEING DEFENSE AND SPACE GROUP AND SUPPORTING	TO BRING SPECIFICATION INTO COMPLIANCE WITH MIL-S-13165.
9-6	12/11/2003	NOT AVAILABLE			
9-7	12/11/2003	NOT AVAILABLE			
9-8	11/2/2005	ALL	ALL IDS-PS/W/H	INTEGRATED DEFENSE SYSTEMS AND SUPPORTING	PROVIDE UNIFORM LIMITATIONS. REISSUE 2- PSDS AS 9- PSD