

Boeing Specifications

For Programs: 737, 747, 757, 767, 777, 787

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Spec.	Rev.	Title	Oct, 2011
BAC 5000	AH	General Sealing PSD all models: 6-211, 6-220, 6-222, <u>6-224</u> , 6-225, <u>6-227</u> , <u>6-228</u> , <u>6-229</u> , <u>6-631</u> , <u>6-634</u> , <u>6-635</u> PSD for 787 Only: <u>6-633</u>	◀
BAC 5004	L	Installation of Permanent Fasteners PSD all models: <u>6-121</u> , <u>6-122</u> PSD for 787 only: <u>6-124</u>	◀
BAC 5004-1	R	Solid Rivet Installation PSD all models: <u>6-67</u> PSD for 777 only: <u>6-68</u>	◀ #
BAC 5004-2	AD	Permanent Straight Shank Fastener Installation PSD all models: <u>6-82</u> , 6-120, 6-122 PSD for 747 and 787: <u>6-118</u>	◀ #
BAC 5004-3	H	Blind Fastener Installation PSD all models: <u>6-14</u> , <u>6-19</u> PSD for 787 only: <u>6-15</u>	◀ #
BAC 5009	Y	Nut and Bolt Installation PSD all models: 6-152 PSD for 787 only: <u>6-154</u>	◀ #
BAC 5010	W	Application of Adhesives PSD all models: <u>6-168</u>	
BAC 5019	U	Chromatic Acid Anodizing PSD all models: <u>6-162</u> , 6-163, <u>6-166</u>	
BAC 5022	H	Sulfuric Acid Anodic Films PSD all models: <u>6-9</u> , <u>6-14</u> , 6-15, <u>6-16</u> , 6-17	
BAC 5032	G	Grinding of Chromium Plate	
BAC 5034	M	Temporary Protection of Production Materials, Parts and Assemblies PSD all models: 6-128, 6-129, 6-132, PSD for 787 only: <u>6-134</u>	◀
BAC 5034-3	B	Temporary Protection of Production Materials, Parts and Assemblies PSD all models: 6-8	
BAC 5047	K	Fluid Tight Fastener Installation	◀
BAC 5117	AE	Electrical Bonding	◀ #
BAC 5300	M	Fitting of Metal Parts	◀ #

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BAC 5300-1	C	Surface and Edge Integrity of Metal Parts PSD all models: 6-6 PSD for 737 only: 6-1	◀
BAC 5300-2	C	Metal Part Forming, Straightening and Fitting PSD all models: 6-7	◀ #
BAC 5307	R	Part Marking PSD all models: 6-271, <u>6-274</u> , 6-275, <u>6-276</u> , 6-277, 6-278, 6-279, 6-281 PSD for 787 only: <u>6-273</u>	◀
BAC5325	J	Application of BMS10-103, Non-chromated Primer PSD all models: 6-18	
BAC 5332	A	Installation of Moldable Plastic Shim PSD all models: <u>6-3</u> , 6-6, <u>6-12</u> , <u>6-17</u> , <u>6-20</u> QPL P	◀ #
BAC 5408	M	Vapor Degreasing PSD all models: 6-51, 6-54, 6-60, <u>6-61</u> , 6-62, 6-63, 6-64	#
BAC 5423	W	Penetrant Methods of Inspection PSD all models: <u>6-155</u> , <u>6-156</u> , <u>6-158</u> , <u>6-159</u>	
BAC 5424	U	Magnetic Particle Inspection PSD all models: 6-40	
BAC 5435	W	Bearing Installation PSD all models: <u>6-50</u> PSD for 787 only: <u>6-64</u>	◀ #
BAC 5436	G	Etch Inspection of Ground Machined Steel Parts	
BAC 5439	H	Ultrasonic Inspection PSD all models: <u>6-10</u> , <u>6-11</u> , <u>6-15</u> , <u>6-16</u> , <u>6-17</u> , <u>6-22</u>	
BAC5439-3	(A)	Ultrasonic Testing of Wrought Materials, Immersion Testing Replaced by BSS7055 as of July 7, 2000	
BAC 5440	K	Hole Preparation, Machining, Grinding of Steel PSD all models: 6-41, 6-43, 6-45, 6-49	◀
BAC 5492	H	Machining and Cutting of Titanium	◀
BAC 5504	V	Integral Fuel Tank Structure Sealing PSD all models: 6-80, <u>6-96</u>	
BAC 5514	AP	Common Bonding Requirements for Structural Adhesives PSD all models: 6-164, 6-190, 6-191, 6-192, 6-193, 6-194, 6-199, 6- 202, 6-204, <u>6-205</u> , 6-206, 6-209, <u>6-218</u> PSD for models: 737, 747, 757, 767, 777 only: <u>6-208</u> PSD for 787 model:only: <u>6-211</u>	

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Spec.	Rev.	Title	Oct, 2011
BAC 5514-589	Y	Application of Corrosion Inhibiting Adhesive Primer PSD all models: 6-33 PSD for 787 only: <u>6-34</u>	
BAC 5514-5137	K	Structural bonding With BMS 5-137 Adhesives PSD for 787 only: <u>6-20</u>	
BAC 5555	T	Phosphoric Acid Anodizing of Aluminum for Structural Bonding PSD all models: 6-98	
BAC 5602	AF	Heat Treatment of Aluminum Alloys PSD all models: <u>6-195</u> , <u>6-200</u>	
BAC 5611	B	Heat Treatment of Copper Alloys PSD all models: 6-2, <u>6-3</u> , <u>6-5</u>	
BAC 5613	T	Heat Treatment of Titanium Alloys PSD all models: 6-39, 6-44, 6-46, 6-48	QPL Rev. F
BAC 5617	U	Heat Treatment of Alloy Steels PSD all models: <u>6-87</u>	
BAC 5619	H	Heat Treatment of Corrosion Resistant Steel PSD all models: <u>6-52</u> , <u>6-53</u>	#
BAC 5625	E	Surface Treatment for Ferrous Alloys PSD all models: <u>6-59</u>	
BAC 5626	B	Colored Chemical Conversion Coating for Aluminum	
BAC 5632	D	Boric Acid - Sulfuric Acid Anodizing PSD all models: <u>6-60</u> , 6-62, 6-63, 6-64, 6-67, 6-68, 6-71, <u>6-72</u>	
BAC5652	A	Inspection of Castings PSD all models: <u>6-1</u>	
BAC5665	A	Application of Sol-Gel Conversion Coatings on Corrosion Resistant Alloys for Painting PSD all models: 6-2, 6-3	
BAC 5686	Org	Laser Beam Welding of Titanium for Structural Applications PSDs on 787 models only: <u>6-5</u> , 6-6, <u>6-7</u> ;	QPL C
BAC 5701	N	Cadmium Plating PSD all models: <u>6-57</u> , 6-58, 6-59, 6-62, 6-64	#
BAC 5709	T	Hard Chromium Plating PSD all models: <u>6-42</u> , <u>6-50</u> , <u>6-51</u> , 6-55, 6-58, 6-60, 6-61, 6-62, <u>6-63</u> , 6-64, 6-65	QPL D

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BAC 5710	N	Application of Special Purpose Coatings PSD all models: 6-111, 6-115, <u>6-116</u> , <u>6-117</u> , <u>6-118</u>	#
BAC 5719	Y	Chemical Conversion Coatings for Aluminum PSD all models: <u>6-144</u> , 6-149, 6-150, 6-152	
BAC 5722	E	Copper Plating	
BAC 5725	F	Stripping Organic Materials PSD all models: <u>6-81</u>	
BAC 5730	P	Shot Peening PSD all models: 6-102	
BAC 5730-1	D	Shot Peen Forming	
BAC 5730-2	C	Shot Peening - Self Contained PSD all models: <u>6-2</u> , 6-4, 6-5, <u>6-6</u>	◀
BAC 5736	T	Application of Chemical/Solvent Resistant Finishes PSD all models: 6-130, <u>6-166</u> , 6-168, 6-176, <u>6-179</u> , <u>6-181</u> PSD for 767 only: <u>6-138</u> PSD for 787 only: <u>6-173</u>	#
BAC 5748	R	Abrasive Cleaning, Deburring, and Finishing PSD all models: 6-97, 6-99, 6-100, 6-101, 6-102	
BAC 5749	U	Alkaline Cleaning PSD all models: 6-126, 6-136, 6-137, <u>6-141</u> , 6-147, 6-153, 6-154, 6-155, 6-156, 6-157	#
BAC 5750	M	Solvent Cleaning PSD all models: 6-54	
BAC 5751	L	Cleaning, Descaling, Surface Preparation of Ferrous Alloys PSD all models: <u>6-69</u>	
BAC 5753	T	Cleaning, Descaling Surface Preparation of Titanium Alloys PSD all models: 6-133, 6-135, 6-137, 6-144, 6-146, 6-151, 6-155, <u>6-161</u>	
BAC 5758	K	Cleaning, Descaling, Surface Prep. of Ni-Co Based Alloys	
BAC 5765	U	Cleaning and Deoxidizing of Aluminum Alloys	#
BAC 5771	J	Stripping Inorganic Finishes PSD all models: 6-80, 6-81	
BAC 5786	L	Etch Cleaning of Aluminum Alloys	#

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BAC 5793	U	Application of Corrosion Resistant Fin. PSD all models: 6-71, 6-72, 6-73, 6-77, <u>6-82</u> , 6-86, 6-87, 6-89, 6-91 PSD for 787 only: <u>6-101</u> , <u>6-102</u>	
BAC 5804	AC	Low Hyd. Embrittlement Cadmium – Titanium Alloy Plating PSD all models: 6-100, 6-103 QPL J	
BAC 5811	U	Dry Film Lubricant PSD <u>6-36</u> , <u>6-37</u> QPL U	#
BAC 5821	E	Hard Anodizing PSD all models: 6-4, 6-5, 6-6, <u>6-8</u>	
BAC 5845	L	Application of Polyurethane Enamel PSD all models: <u>6-50</u> PSD for 787 only: <u>6-48</u>	
BAC 5849	L	Brush Plating - Cadmium Only PSD all models: 6-19	
BAC 5854	K	LHE - Stylus Cadmium Plating PSD all models: <u>6-9</u> , 6-10, 6-11	
BAC 5861	D	Phosphate Fluoride Coatings - Titanium PSD all models: 6-9, 6-13, 6-14, 6-15, <u>6-17</u>	
BAC5882	K	Application of Urethane Compatible Primer	
BAC 5884	D	Anodizing of Aluminum Alloys	
BAC 5946	AA	Temper Inspection - Nonferrous Alloys PSD all models: 6-57, <u>6-59</u>	
BAC 5973	E	Sleeve Cold Working of Holes in Aluminum Structures PSD all models: <u>6-19</u> , <u>6-22</u> PSD for 747 and 777: <u>6-29</u> PSD for 787 only: <u>6-28</u>	◀
BAC 5975	M	Fusion Welding of Metals PSDs all models: 6-38, <u>6-41</u> , 6-42	
BSS 7039	A	Liquid Penetrant Inspection SSD all models: 6-4, 6-5	
BSS 7040	A	Magnetic Particle Inspection SSD all models: <u>6-3</u>	
BSS 7041	C	Radiologic Inspection, Radiography (Film)	

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		SSDs all models: <u>6-4</u> , 6-6, 6-6	
BSS 7055	A	Ultrasonic Inspection of Wrought Products SSD all models: 6-4	
D6-1276	P	Control of Materials and Processes For Designated Parts	◀
D6-5000	AJ	Special Commercial Airplane Company Finish Codes	◀ #
D6-82479	F	Boeing Quality Management System Requirements for Suppliers Found on website: http://www.boeingsuppliers.com/supQual.htm	◀
D1-4426		Boeing Approved Process Sources. See Boeing Web site at: Http://www.boeing.com/companyoffices/doingbiz/d14426/	◀

MATERIAL SPECIFICATIONS

BMS 3 – 26	A	Organic Corrosion Inhibiting Compounds, Heavy Duty QPL — Revision D	
BMS 5 – 89	T	Corrosion Inhibiting Adhesive Primer QPL — Revision Org	
BMS 5 – 95	P	Pressure and Environmental Sealant – Chromate Type QPL – Revision Org	#
BMS 7 – 26	N	Steel Bar, Forging Stock forgings, and Tubing – 4340 Modified QPL – Revision B	
BMS 7 – 214	U	High Strength, Stress Corrosion Resistant Alum. Alloy Forgings QPL – Revision Org.	
BMS 7 – 247	H	Titanium 6AL-4V Forgings, Premium Quality QPL – Revision A	
BMS 7 – 260	M	Titanium, 10V-2Fe-3Al Forged Block/Bar and Die Forgings QPL – Revision C	
BMS 7 – 269	G	Titanium Alloy 6Al-4V Forgings, Beta Annealed	
BMS 7 – 323	D	High Strength Fatigue Tol., Stress Corrosion Res. 7050 Alum Plate QPL – Revision F	
BMS 10 – 11	AA	Chemical and Solvent Resistant Finish QPL — Revision B	#

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BMS 10 – 60	P	Protective Enamel QPL — Revision D	
BMS 10 – 79	N	Urethane Compatible, Corrosion Resistant Primer QPL — Revision B	#
BMS 10 – 86	K	Teflon Filled Coating QPL — Revision B	#
BMS 10 – 103	C	Non-chromated Primer for Composites QPL — Revision C	