

TECT SPECIFICATION REVISION LIST

National Standards			
Specification	Revision	Rev Date	Specification Title
A-A-3174		7/25/2000	Plastic Sheet, Polyolefin (Reference Only)
A-A-59136		10/28/1997	Cushioning Material, Packaging, Closed Cell Foam Plank (Reference Only)
A-A-55820		8/1/1996	Commercial Item Description, Orthophosphoric Acid, Technical
AMS 2241	R	7/1/2007	Tolerances
AMS 2248	E	10/1/1993	Chemical Check Analysis Limits
AMS 2249	F	8/1/2005	Chemical Check Analysis Limits
AMS 2350	BA	10/1/1989	Standards and Test Methods
AMS 2355	H	8/1/2005	Quality Assurance Sampling & Testing Aluminum Alloys and Magnesium Alloys
AMS 2374	D	7/1/2002	Quality Assurance Sampling & Testing Corrosion & Heat Resistant Steel & Alloy Forgings
AMS 2375	D	6/1/2007	Control of Forgings Requiring First Article App.
AMS 2380	F	6/1/2008	Approval & Control of Premium-Quality Ti Alloys
AMS 2416	H	3/1/1995	Plating, Nickel-Cadmium Diffused
AMS 2424	E	6/1/2003	Plating, Nickel-Low Stressed Deposit
AMS 2430	N	6/1/2008	Shot Peening
AMS 2431	B	5/162006	Peening Media-General Requirements
AMS 2431	1D	5/1/2007	Peening Media-Cast Steel Shot, Regular Hardness
AMS 2431	2D	5/1/2007	Peening Media-Cast Steel Shot, High Hardness
AMS 2431	3D	5/1/2007	Peening Media-Conditioned Carbon Steel cut Wire Shot, Regular Hardness
AMS 2431	4C	5/1/2007	Peening Media-Conditioned Stainless Steel Cut Wire Shot
AMS 2431	5A	5/16/2006	Peening Media-Case Hardened Steel Peening Balls
AMS 2431	6C	8/1/2007	Peening Media-Glass Shot
AMS 2431	7A	5/16/2006	Peening Media-Ceramic Shot
AMS 2431	8B	5/1/2007	Peening Media-Conditioned Carbon Steel Cut Wire Shot, High Hardness
AMS 2432	B	8/1/1996	Shot Peening, Computer Monitored
AMS 2435	G	6/1/2007	Detonation Process-Tungsten Carbide
AMS 2465	B	10/1/1983	Disilicide Diffusion Coating of Molybdenum and Molybdenum Alloys Pack Cementation Method
AMS 2469	F	11/1/1998	Hard Anodic Coating Treatment of Aluminum & Aluminum Alloys Processing & Performance Req.
AMS 2470	M	4/1/2007	Anodic Treatment of Aluminum Alloys Chrome Acid Process
AMS 2471	F	8/1/2003	Anodic Treatment of Aluminum Alloys
AMS 2473	G	10/1/2002	Chemical Film Treatment for Aluminum Alloys General Purpose Coating
AMS 2631	B	2/1/2007	Ultrasonic Inspection
AMS 2641	A	2/1/2007	Vehicle, Magnetic Particle Inspection
AMS 2642	C	9/1/2005	Structural Exam of Ti Alloys
AMS 2644	E	10/1/2006	Inspection Material, Penetrant
AMS 2645	K	2/1/1995	Fluorescent Penetrant Inspection
AMS 2647	B	10/1/1999	Fluorescent Penetrant Inspection-Aircraft and Engine Component Main.
AMS 2750	D	9/1/2005	Pyrometry
AMS 2770	H	8/1/2006	Heat Treatment of Wrought Aluminum Alloy Parts
AMS 2772	E	2/1/2008	Heat Treatment of Aluminum Alloy Raw Material

AMS 2808	D	4/1/2006	Identification –Forgings
AMS 2809	A	8/1/2007	Identification Titanium & Titanium Alloy Wrought Products
AMS 2814	F	4/1/2006	Packaging and Marking of Packages of Welding Wire-Premium Quality
AMS 2825	A	10/1/2005	Material Safety Data Sheets
AMS 3044	E	2/1/2002	Magnetic Particles, Fluorescent Wet Method, Dry Powder
AMS 3045	D	2/1/2002	Magnetic Particles, Fluorescent Wet Method, Oil Vehicle Ready-To-Use
AMS 3065	H	10/2/2005	Compound, Corrosion Preventive-Thin Film, Fingerprint Removing
AMS 3132	F	2/1/1994	Varnish, Phenolic Resin-Corrosion-Preventive
AMS 3160	H	CANCELLED	Solvent, Petroleum
AMS 3170	G	CANCELLED	Thinner, Alcohol-Ester
AMS 3242	G	10/1/1993	Chloroprene Rubber, Weather Resistant
AMS 3270	J	5/1/2005	Chloroprene Rubber Sheet, Cotton Fabric Reinforced
AMS 3347	B	11/1/2003	Rubber, Silicone
AMS 4011	C	12/1/2003	Aluminum, Foil and Light Gage Sheet
AMS 4078	G	2/1/2007	Aluminum Alloy Plate
AMS 4132	E	9/1/2000	Aluminum Alloy Die & Hand Forgings, Rolled Rings, and Forging Stock
AMS 4141	E	5/1/2006	Aluminum Alloy Die Forgings
AMS 4147	D	2/1/2007	Aluminum Alloy Forgings
AMS 4901	P	6/1/2006	Titanium Sheet, Strip, and Plate
AMS 4911	L	6/1/2007	Titanium Alloy, Sheet, Strip, and Plate
AMS 4921	L	6/1/2007	Titanium Bars, Forgings, and Rings
AMS 4926	L	7/1/2007	Titanium Alloy Bars and Rings
AMS 4928	R	1/1/2007	Titanium Alloy Bars, Wire, Forgings, and Rings
AMS 4954	H	2/1/2008	Titanium Alloy, Welding Wire
AMS 4956	E	2/1/2008	Titanium Alloy Welding Wire
AMS 4966	M	6/1/2003	Titanium Alloy Forgings
AMS 4973	F	2/1/2008	Titanium Alloy Forgings
AMS 5616	L	7/1/2003	Steel, Corrosion and Heat Resistant, Bars, Wire, Forgings, Tubing, and Rings
AMS 5622	E	1/1/2008	Steel, Corrosion Resistant, Bars, Wire, Forgings, Tubing, and Rings
AMS 5643	R	2/1/2008	Steel, Corrosion Resistant, Bars, Wire, Forgings, Tubing, and Rings
AMS 5663	M	7/1/2004	Nickel Alloy, Corrosion and Heat Resistant, Bars, Forgings, and Rings
AMS 5709	H	3/1/2008	Nickel Alloy, Corrosion and Heat -Resistant, Bars and Forgings
AMS 6415	S	2/1/2007	Steel Bars, Forgings, and Tubing
AMS 7461	C	1/15/1978	Bolts and Screws, Titanium Alloy
AMS-STD-2219		5/1/1999	Fusion Welding For Aerospace Applications
AMS-S-13165	A	12/1/2007	Shot Peening of Metal Parts
ASTM A-380		5/1/2006	Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems
ASTM A 919-84		8/1/1993	Standard Terminology Relating to Heat Treatment of Metals
ANSI/NCSL Z540.1-1994		6/24/1905	Calibration Laboratories and Measuring and Test Equipment-General Req.
ASME B1.1		6/25/1905	Unified Inch Screw Threads
ASME B1.2		6/5/1905	Gages & Gaging for Unified Inch Screw Threads
ASME B1.3M		12/1/2007	Screw Thread Gaging System for Dimensional Acceptability - Inch & Metric Screw Threads
ASME B46.1		6/24/1905	Surface Texture (Surface Roughness, Waviness, and Lay)
ASME Y14.36M		6/18/1905	Surface Texture Symbols
ASME Y14.5M		6/16/1905	Dimensioning and Tolerance

AS478	N	7/1/2007	Identification Marking Methods
AS7003	D	1/1/2008	National Aerospace and Defense Contractors Accreditation Program
AS7100	A	11/1/1993	NADCAP Survey Checklist for the NDT Suppliers Accreditation Program
AS7114	A	1/1/2008	NADCAP Requirements for Nondestructive Testing
AS8879	C	1/1/2003	Screw Threads – UNJ Profile, Inch Controlled Radius Root with Increased Minor Diameter
AS9000		3/1/1998	Aerospace Basic Quality System Std.
AS9100	B	1/1/2004	Quality Systems -Aerospace-Model for Quality Assurance in Design, etc.
AS9102	A	1/4/2005	Aerospace First Article Inspection Req.
AS9103		10/1/2001	Variation Management of Key Characteristics
AS9132	A	2/1/2005	Data Matrix Quality Requirements for Parts Marking
D 95-05		8/1/2005	Water in Petroleum Products & Bituminous Materials by Distillation
D 1214-04		8/1/2004	Standard Test Method for Sieve Analysis of Glass Spheres
D 2510		12/1/2006	Standard Test Method for Adhesion of Solid Film Lubricants
D 2511		6/25/1905	Std. Test Method for Thermal Shock Sensitivity of Solid Film Lubricants
D 2658-04		12/1/2004	Std. Test Method for Determining Interior Dimensions of Fiberboard Boxes (Box Gage Method)
D 3359-02		8/10/2002	Measuring Adhesion by Tape Test
D 5118		1/1/2007	Std. Practice for Fabrication of Fiberboard Shipping Boxes
E 11	4	5/1/2004	Std. Specs. For Wire-Cloth Sieves for Testing Purposes
E 18	8	1/15/2008	STM'S for Rockwell Hardness and Rockwell Superficial Hardness of Metallic Materials
E 165		6/24/1905	Std. Practice for Liquid Penetrant Inspection Method
E 340		6/28/1905	STM for Macroetching Metals and Alloys
E 381		10/1/2006	Macroetch Testing Steel Bars, Billet, Blooms, and Forgings
E-617-97		11/10/1997	Laboratory Weights & Precision Mass Stds.
E 1417	5	7/1/2005	Std. Practice for Liquid Penetrant Exam
FED-STD-368	A	2/11/1988	Federal Std. Q.C. System Requirements
ISO 8512	E	6/12/1905	Surface Plate
ISO 9001	E	12/15/2000	Quality Management Systems – Requirements
ISO 10007	E	6/15/2003	Quality Management – Guideline for Configuration Management
ISO 10012	E	4/15/2003	Measurement Management Systems – Requirements for Measurement Processes & Measuring Equipment
ISO/IEC 17025	E	6/27/1905	General Requirements for the Competence of Testing & Calibration Lab
NAS 410	2	2/1/2003	NAS Certification & Qualification of Nondestructive Test Personnel
PPP-B-566E (3)		1/25/1988	Federal Spec. for Boxes, Folding, Paperboard
SAE J441		6/1/1993	Cut Wire Shot
SAE J442		12/1/2005	Test Strip, Holder, and Gage for Shot Peening
SAE J443		1/3/2005	Procedures for using Std. Shot Peening Test Strip
SAE J444		7/1/2005	Cast Shot & Grit Size Spec. for Peening and Cleaning
SAE J445		7/1/2005	Metallic Shot & Grit Mechanical Testing
SAE J827		7/1/2005	High-Carbon Cast-Steel Shot
SAE J1173		6/10/1905	Size Classification & Characteristics of Glass Beads for Peening
SAE J1830		5/1/1987	Size Classification & Characteristics of Ceramic Shot for Peening
SAE J2277		2003/01	Shot Peening Coverage

GENERAL ELECTRIC AIRCRAFT ENGINESE

<i>Specification</i>	<i>Revision</i>	<i>Rev Date</i>	<i>Specification Title</i>
		1/5/2001	SPECIFICATION INDEX
			CANCELLATION NOTICES

		9/2/2004	Supplier Status
A50TF147	S11	5/29/2001	Heat Cured Solid Film Lubricant
A50TF171	S4	5/29/2001	Resin Bonded Colloidal Graphite Lubricant
B50TF14	S22	2/27/2004	Alloy Sheet, Strip, & Plate
B50TF15	S32	3/19/2004	Alloy Bar, Forgings, & Rings
B50TF119	S11	7/24/2002	Aluminum-Nickel-Chromium Powder
C50TF40	S18	7/9/2004	Alloy 718 Compressor Blades & Vanes
C50TF20	S11	1/20/2004	A-286 Compressor Blades & Vanes
C50TF4	S9	1/3/2000	Titanium Base Alloy Blades and Vanes (Cancellation Notice)
C50TF43	S9	3/4/1993	AM355 Alloy Compressor Blades and Vanes
C50TF81	S14	11/5/2006	Premium Quality Triple Melt Direct Age Inconel Alloy 718 Forged Parts
D50TF8	S7	6/3/2002	Temp Marking Materials for Engine Parts
D50TF8-13	DFO	10/1/1987	Temp Marking of Thermal Sprayed Coatings (Cancellation Notice)
E50TF76	S2	1/19/1990	Sliding Wear Test Method
E50TF127	S1	3/26/1976	Fatigue Testing-Compressor Blades
F50TF13	S8	4/3/1998	Copper-Nickel-Indium Thermal Sprayed Coatings
F50TF15	S5	4/26/1993	Tungsten Carbide Aggregate Thermal Sprayed Coating
F50T19	S12	1/30/1996	Flame Plating Finish
F50TF33	S7	6/8/2004	Thermally Cured, Solid Film Lubricant Coating
F50TF78	S2	7/2/2001	Tungsten Carbide Cobalt Coating
F50TF90	S4	9/4/2001	Heat Cured Solid Dry Film Lubricant (Cancellation Notice)
P1TF1	S13	12/15/1989	Supplier Nonconforming Material (Cancellation Notice)
P1TF3	S32	1/15/2007	Interpretation of Drawing
P1TF4	S4	8/4/1976	Moment Weighing and Marking of Rotor Blades
P1TF9	S13	1/24/2003	Machined Features-Shop Run Tol.
P1TF9	S14	5/9/2006	Machined Features-Shop Run Tol. (Amendment 1)
P1TF11	S6	7/31/1995	Cast & Forged Parts-Shop Run Tol.
P1TF11	S5	5/19/1993	Cast & Forged Parts-Shop Run Tol. (Amendment 1)
P1TF17	S11	1/10/1996	Source Substantiation Requirements
P1TF28	S16	6/19/2002	Quality Plan for Ti Alloys (Reference Only)
P1TF33	S10	10/15/2003	Coating Technical Plans
P1TF35	S8	12/15/1989	Supplier Quality System Requirements (Cancellation Notice)
P1TF40	S3	5/16/1989	Preparation for Technical Plans for Forged Parts
P1TF52	S11	7/26/1996	Electronic Data
P1TF73	S11	7/2/2001	Premium Quality Hearth Melt Plus Var Titanium Base Alloys
P1TF85	S2	7/9/1996	Unigraphics Master Models
P1TF101	S4	5/9/2006	Machined Features
P1TF108	S1	8/13/2002	Interpretation of Drawing
P1TF113	S1	11/29/2006	General Requirements for Blisks
P2TF1	S2	7/31/1995	Regulated Materials, Environmental, Health and Safety
P3TF1	S13	12/9/1996	Ultrasonic Inspection (Cancellation Notice)
P3TF2	S29	2/11/2004	FPI
P3TF2-9	DFO	10/20/1983	FPI
P3TF2-11	DFO	5/12/1989	FPI (Cancellation Notice)
P3TF5	S13	7/24/2000	Radiographic Inspection
P3TF5	S10	2/4/1993	Radiographic Inspection (Amendment)

P3TF12	S9	4/16/1997	Fluorescent Penetrant Inspection using Non-Aqueous Wed Developers (Cancellation Notice)
P3TF19	S3	8/25/1993	Exam of Wrought Ti Alloys for Alpha Case
P3TF21	S8	7/2/2003	Eddy Current Inspection of Machined Features (Maintain for 1yr from 11/18/04)
DFO-P3TF25	5	12/6/1999	Structural Exam of Ti Alloys Etch-Anodize Inspection Procedure
P3TF25	S8	4/16/2003	Structural Exam of Ti Alloys Etch-Anodize Inspection Procedure (Reference Only)
P3TF47	S5	2/11/2004	Fluorescent Penetrant Inspection (FPI)
P4TF3	S10	11/15/2006	Cleaning of Titanium
P4TF4	S13	3/3/1994	Macro Etching of Machined Super Alloy Parts
P4TF4	S13	3/8/1996	Macro Etching of Machined Super Alloy Parts (Amendment)
P4TF8	S8	4/19/2006	Swab Etching
P4TF20	S1	5/1/1999	Surface Finishing of Compressor & Turbine Blades & Vanes
P6TF2	S4	5/18/1989	Colloidal Graphite Coating
P11TF3	S18	9/13/2004	Shot Peening of Metal Parts
P11TF3	S11	6/23/1993	Shot Peening of Metal Parts (Amend.)
P11TF4	S7	7/14/1998	Wet Grit Blasting
P11TF8	S9	8/19/2003	Metallic Shot Peening for Critical Applications
P11TF12	S12	3/20/2007	Process of Holes in Critical Parts
P11TF13	S1	3/9/1998	Laser Shock Peening of Metal A/F Edges
P16TF5	S6	7/1/2004	Thermal Spraying
P23TF1	S55	8/15/2005	Abbreviated Supplier Codes
P23TF3	S38	6/4/2003	Identification Marking
P23TF8	S2	12/9/1992	Compressor Blade & Vane Identification Marking
P29TF25	S4	7/18/1989	Acceptability Limits For surface integrity
P29TF25	S4	3/7/1996	Acceptability Limits For surface integrity Adendment 1
P29TF40	S2	7/17/1989	Acceptability Limits For FPI of Comp. Blades and Vanes
P29TF65	S7	4/25/2000	Visual Acceptance Limits
S-1000	D	3/2/1999	Supplier Quality System Req.
S-1001	C	1/18/2002	Source Substantiation Control Reqmnts
S-1002	C	1/18/2002	Supplier Quality Product Reqmnts
S-1500		9/12/1996	Supplier Products Audits

PRATT & WHITNEY AIRCRAFT ENGINES (PWA)

<i>Specification</i>	<i>Revision</i>	<i>Rev Date</i>	<i>Specification Title</i>
APPENDIX A		5/22/2008	Section 1,2,4,5 & 6 (Quality Spec. Manual)
ASQR 01	6	12/15/2007	Aerospace Supplier Quality Requirements
ASQR 07.5	N/C	2/15/2005	Control of Software
ASQR 08.2	N/C	2/15/2005	First Article Inspection
ASQR 15.1	1	4/24/2002	Handling, Storage, Packing, Preservation & Delivery
ASQR 20.1	3	2/15/2005	Supplier Sampling Requirements
ATTM Master	C	12/11/1992	Alloy Type Test Method
ATTM Master Supp.	B	07/27/04	ATTM Code Requirements
ATTM-2	L	4/30/1982	(Cancellation)
ATTM-6	B	12/11/1992	(Cancellation)
ATTM-8	C	12/11/1992	(Cancellation)
ATTM-9	B	12/11/1992	(Cancellation)
BTM-4	G	9/6/2007	Bond Test Method

DCS	Index	1/26/1979	Dimensional Control STD Index
DCS-1 Master	N	10/2/1992	Insp. Of Compressor, Turbine Blades, Vanes
DCS-1-1	L	10/2/1992	General Insp. Compressor, Turbine Blades, Vanes
DCS-1-1.1	C	8/11/1986	Turbine Blades - Raw Material
DCS-1-1.2	B	11/18/1985	Turbine Blades - Finished
DCS-1-1.3	E	11/18/1985	Compressor Blades - Finished
DCS-1-1.5	C	11/18/1985	Variable Vanes – Finished
DCS-1-1.6	C	11/18/1985	Compressor Vanes made from Strip Stock
DCS-1-1.7	D	11/18/1985	Compressor Vanes – Finished
DCS-1-3	F	12/23/1976	Reference Dimensions
DCS-1-4	B	12/23/1976	Reference Dimensions
DCS-1-5	B	9/21/1970	Reference Dimensions
DCS-1-6	A	4/27/1964	Reference Dimensions
DCS-1-7	D	9/21/1970	Reference Dimensions
DCS-1-8	C	5/23/1968	Reference Dimensions
DCS-1-9	A	4/27/1964	Reference Dimensions
DCS-1-10	C	12/3/1965	Reference Dimensions
DCS-1-11	B	9/1/1967	Reference Dimensions
DCS-1-12	B	9/21/1970	Reference Dimensions
DCS-1-13	A	4/27/1964	Reference Dimensions
DCS-1-14	C	9/21/1970	Reference Dimensions
DCS-1-15	B	9/1/1967	Reference Dimensions
DCS-1-16	B	9/1/1967	Reference Dimensions
DCS-1-17	B	1/14/1981	Dimensional Control Standard
DCS-1-18	B	1/14/1981	Dimensional Control Standard
DCS-1-19	A	4/27/1964	Reference Dimensions
DSC-1-20	A	4/27/1964	Reference Dimensions
DSC-1-21	A	4/27/1964	Reference Dimensions
DSC-1-22	A	4/27/1964	Reference Dimensions
DSC-1-23	A	4/27/1964	Reference Dimensions
DSC-1-24	C	9/21/1970	Reference Dimensions
DSC-1-25	D	8/25/1978	Dimensional Control Standard
DSC-1-26	A	4/27/1964	Reference Dimensions
DSC-1-27	C	8/1/1969	Reference Dimensions
DSC-1-28	B	8/1/1969	Reference Dimensions
DSC-1-29	C	2/6/1967	Reference Dimensions
DSC-1-30	A	4/27/1964	Reference Dimensions
DSC-1-31	D	5/23/1968	Reference Dimensions
DSC-1-32	C	12/28/1967	Reference Dimensions
DSC-1-33	C	3/26/1979	Dimensional Control Standard
DSC-1-34	C	12/3/1965	Reference Dimensions
DSC-1-35	C	2/6/1967	Reference Dimensions
DSC-1-36	E	8/25/1978	Dimensional Control Standard
DSC-1-37	B	2/14/1968	Reference Dimensions
DSC-1-38	C	5/23/1968	Reference Dimensions
DSC-1-39	F	8/1/1969	Reference Dimensions

DSC-1-40	B	3/26/1979	Dimensional Control Standard
DSC-1-41	C	12/9/1964	Reference Dimensions
DSC-1-42	B	12/3/1965	Reference Dimensions
DSC-1-43	D	8/25/1978	Dimensional Control Standard
DSC-1-44	B	9/8/1965	Reference Dimensions
DSC-1-45	A	4/27/1964	Reference Dimensions
DSC-1-46	A	4/27/1964	Reference Dimensions
DSC-1-47	B	4/13/1967	Reference Dimensions
DSC-1-48	B	9/21/1970	Reference Dimensions
DSC-1-49	C	12/3/1965	Reference Dimensions
DSC-1-50	B	7/10/1964	Reference Dimensions
DSC-1-51	C	9/21/1970	Reference Dimensions
DSC-1-52	C	4/12/1965	Reference Dimensions
DSC-1-53	B	12/3/1965	Reference Dimensions
DSC-1-54	A	4/27/1964	Reference Dimensions
DSC-1-55	D	8/1/1969	Reference Dimensions
DSC-1-56	D	9/21/1970	Reference Dimensions
DSC-1-57	J	4/13/1967	Reference Dimensions
DSC-1-58	R	8/25/1978	Dimensional Control Standard
DCS-1-59	G	8/1/1969	Reference Dimensions
DCS-1-60	H	8/1/1969	Reference Dimensions
DCS-1-61	D	2/14/1968	Reference Dimensions
DCS-1-62	F	2/27/1970	Reference Dimensions
DCS-1-63	F	8/25/1978	Reference Dimensions
DCS-1-64	G	8/25/1978	Dimensional Control Standard
DCS-1-65	F	2/27/1970	Reference Dimensions
DCS-1-66	G	8/25/1978	Dimensional Control Standard
DCS-1-67	F	12/23/1976	Reference Dimensions
DCS-1-68	E	2/27/1970	Reference Dimensions
DCS-1-69	E	6/28/1974	Reference Dimensions
DCS-1-70	C	9/21/1970	Reference Dimensions
DCS-1-71	C	9/21/1970	Reference Dimensions
DCS-1-72	A	2/27/1970	Reference Dimensions
DCS-1-73	D	1/14/1981	Dimensional Control Standard
DCS-1-74	A	2/27/1970	Reference Dimensions
DCS-1-75	N/C	9/21/1970	Dimensional Control Standard
DCS-1-76	W	1/14/1981	Dimensional Control Standard
DCS-1-100	C	12/9/1964	Reference Dimensions
DCS-1-101	C	4/12/1965	Reference Dimensions
DCS-1-102	C	4/12/1965	Reference Dimensions
DCS-1-103	B	9/18/1964	Reference Dimensions
DCS-1-104	B	9/18/1964	Reference Dimensions
DCS-1-105	B	9/18/1964	Reference Dimensions
DCS-1-106	D	12/28/1967	Reference Dimensions
DCS-1-150	C	5/23/1968	Reference Dimensions
DCS-1-151	A	2/17/1966	Reference Dimensions

DCS-1-152	N/C	9/18/1964	Reference Dimensions
DCS-1-200	C	1/14/1981	"W" Dimensions
DCS-1-201	N/C	9/18/1964	"W" Dimensions
DCS-1-202	A	1/14/1981	"W" Dimensions
DCS-1-203	A	1/14/1981	"W" Dimensions
DCS-1-204	N/C	6/13/1964	"W" Dimensions
DCS-1-205	C	2/17/1966	"W" Dimensions
DCS-1-206	N/C	9/18/1964	"W" Dimensions
DCS-1-207	N/C	9/18/1964	"W" Dimensions
DCS-1-208	A	4/3/1969	"W" Dimensions
DCS-1-209	C	9/2/1966	"W" Dimensions
DCS-1-210	N/C	9/18/1964	"W" Dimensions
DCS-1-211	G	3/26/1979	Dimensional Control Standard
DCS-1-212	E	8/1/1969	"W" Dimensions
DCS-1-213	B	5/23/1968	"W" Dimensions
DCS-1-214	A	4/12/1965	"W" Dimensions
DCS-1-215	J	2/17/1966	"W" Dimensions
DCS-1-216	S	1/14/1981	"W" Dimensions
DCS-1-217	K	1/14/1981	"W" Dimensions
DCS-1-218	B	2/27/1970	"W" Dimensions
DCS-1-219	L	1/14/1981	"W" Dimensions
DCS-1-250	N/C	6/18/1964	"W" Dimensions
DCS-1-251	A	6/21/1965	"W" Dimensions
DCS-13	C	4/2/1984	Inspection of Compressor Blade Overall Length
DCS-20	F	6/8/1990	Inspection of Airfoil Leading Edge Requirements
DCS-92	G	8/9/1989	Blending & Polishing of Vanes in Compressor Stator Assemblies - JT3, JT3D, J57, TF33, JT8D, JT9D, PW2000 & PW4000
DCS-127	N/C	7/6/1982	DCS Inspect Leading Edge Shape of Compressor Blade A/F (NACA 65 Series)
DCS-132	N/C	N/A	DCS Inspect Leading Edge Shape of Controlled Diffusion Comp. A/F
DCS-141	A	10/28/1987	Inspection of Compressor Airfoil Tolerance "W" Dimensions
DCS-158	N/C	00/00/91	Inspection of Variable Vane Airfoils
DCS-165	B	2/22/2005	Inspection of Airfoils Using PW-Airfoil (Z105) Computer Software
DCS-171	N/C	1/11/1994	Dimensional Control Standard/Blending of Fan Blade Radii
DCS-304	D	10/11/1990	Compressor A/F T.E. Radius Thickness Characteristics GEB Eng. Programs
EIM Master	F	6/6/2007	Etch Inspection Method
EIM Master Supp.	G	9/26/2001	Etch Inspection Method
EIM Code 2	K	6/6/2007	EIM - Chemical
EIM Code 3	C	6/6/2007	EIM - Blue Etch Anodize
EIM Code 6	A	12/8/1986	(Cancelled)
EIM Code 8	B	6/15/1994	EIM - Etch Preparation
EIS Master	K	5/20/2003	Etch Inspection Standard - Master
EIS-5	A	7/20/1978	Aluminum Compressor Vanes
EIS-6	A	11/17/1978	Titanium Compressor Blades
EIS-15	L	1/6/2006	Titanium Compressor & Fan Blades - Blue Etch Anodize
FPM Master	C	3/31/1997	Fluorescent Penetrant Method - Master
FPM Master Supp.	D	3/31/1997	FPM Master Supplement

FPM Code 1	B	7/7/1992	FPM – Normal Sensitivity
FPM Code 2	B	7/7/1992	FPM - High Sensitivity
FPM Code 4	A	7/7/1992	Flourescent Penetrant Method
FPM Code 6	B	5/12/1988	(Cancelled) refer to EIM Code-8
FPM Code 7	A	8/26/1986	Ultra High Sensitivity
FPM Code 8	A	8/26/1986	Pressurized High Sensitivity
FPM Code 9	A	7/7/1992	Flourescent Penetrant Method
FPS Master	U	1/30/1990	Flourescent Penetrant Standard – Master
FPS-38	L	4/29/2004	Fusion Welds
HIM-1	R	12/2/2005	Hardness Inspection Method
MPM	H	5/20/1986	Magnetic Partical Inspection Method
MPS Master	E	1/26/1988	Magnetic Partical Standard – Master
MPS-20	B	7/23/1980	Magnetic Partical Standard
P- 10083	J	10/9/2002	Packaging Engineering
P-19193	F	10/13/2002	Barrier Material
P-30577	C	9/12/1985	Box-Fiberboard, Regular Slotted 4X4X10
P-43022	J	11/11/1993	Material Specification – Packaging Engineering
P- 48768	J	5/24/2006	Packaging Engineering
P-51603	A	11/11/1985	Box Folding 2.500 X 1.250 X 6.000
P-51612	A	1/6/1986	Box Folding 2.500 X 1.750 X 7.500
P- 51640	A		Box Folding 3.000 X 1.750 X 7.500
P-61673	G		Packaging Engineering
P- 61895	A	9/26/2007	Box Assy-Blade Set
P- 61901	D	8/30/2007	Special Packaging Instruction
P- 61990	A	9/14/2007	Box Assy-Blade Set
P- 62913	B	8/28/2007	Special Packaging Instruction
PPP-C-795	D	1/23/2004	Cushioning Material, Packaging (Flexible Closed Cell Plastic Film)
PPP-C-1797	A	12/29/2000	Cushioning Material, Resilient, Low Density, Unicellular, Polypropylene Foam
NDTQ	L	11/27/2002	Non-destructive Test Qualification & Certification Specks
PMC-1000	AG	10/18/2006	Nitric Acid
PMC-1009	U	11/6/2007	Phosphoric Acid-Food Grade
PMC-1010	AA	1/21/2008	Hydrofluoric Acid
PMC-1018	M	11/6/2007	Phosphoric Acid
PMC-1035	J	1/21/2008	Hydrofluoric Acid (Technical Grade 49%)
PMC-1256	Y	1/27/2003	Alkali Cleaner – Heavy Duty
PMC-1284	K	6/27/2007	Alkali Cleaner - General Purpose
PMC-1286	N	12/1/2006	Alkali Cleaner - Heavy Duty
PMC-1316	AA	9/10/2007	Dry Acid Salt
PMC-1515	P	8/20/2007	Tri-sodium Phosphate
PMC-1549	M	11/29/2005	Sulfamate Nickel Anti-Pit Agent (Powder)
PMC-1577	G	12/4/2007	Sulfamate Nickel Anti-Pit Agent (liquid)
PMC-1601	R	9/4/2007	Sodium Hydroxide
PMC-3046	AG	10/5/2006	Abrasive, Aluminum Oxide
PMC-3067	M	12/14/2004	Compound, Wet Abrasive
PWA-3300	M	5/14/2007	Plastic Blast Media Industrial Grade
PMC-4050	BB	9/9/2008	Felt Tip Marker-Rapid Drying

PMC-4051	K	7/30/2001	Crayon, Marking
PMC-4057	AE	3/13/2008	Ink, Metal Marking
PMC-4058	N	2/1/2008	Metal Marking Crayon (Soft)
PMC-4059	AC	11/29/2004	Metal Marking Pencil (Hard)
PMC-4161	V	10/2/2006	Paper, Multi-Purpose, Volatile Corrosion
PMC-4354	AD	1/8/2008	Fluorescent Penetrant, Post Emulsified Ultra High Sensitivity
PMC-4355	AE	6/21/2006	Hydrophilic Emulsifier
PMC-4356	V	6/21/2006	Fluorescent Penetrant Developing Powder
PMC-4357	AC	8/24/2006	Fluorescent Penetrant Non-Aqueous Developer
PMC-4500	G	10/16/2006	Permanent Marking Ink – Black
PMC-4501	D	10/8/2003	Ink Replenisher Solution
PMC-4502	D	10/8/2003	Inking Equipment Cleaning Solution
PMC-4503	E	12/8/2006	Layout & Identification Dye, Red
PMC-4504	E	12/8/2006	Layout & Identification Dye, Blue
PMC-9009	W	12/6/2006	Denatured Alcohol
PMC-9016	AH	9/20/2006	Isopropyl Alcohol, Reagent Grade
PMC-9057	J	4/14/1998	Alkaline Drawing Compound Remover
PMC-9076	U	11/14/2005	Methyl Ethyl Ketone (MEK)
POP-901	D	6/6/1996	Bare Welding Wire Evaluation
POP-1614	AV	10/20/2008	Supplier Requirements for Preservation & Specialized Packaging
POP-1616	H	11/7/2000	Instructions for Handling and Packaging Rotating Parts (Disk, Hubs & Shafts) During Manufacturing, Inspection and Storage
POP-2145	BG	10/28/1997	Calibration Requirements of Processing Instruments (This POP has been superseded by the respective Pratt & Whitney per SCR # 665)
PS-11	K	8/27/2003	Nitri Acid Solution – 55%
PS- 38	J	3/26/2008	Titanium Etching Solution
PS-101	K	3/22/2004	Alkali Cleaner – Heavy Duty
PS-130	N	4/7/2004	Titanium Etching Solution
PS-139	A	6/1/1999	Titanium Etching Solution
PS-193	E	2/7/2007	Titanium Etching Solution
PS-209	K	12/5/2007	Sodium Hydroxide Solution – 7 ½%
PS-214	E	7/26/2004	Alkaline Cleaner Heavy Duty (Drawing Compound Remover)
PS-329	K	12/22/2004	Tri-sodium Phosphate Solution
PS-343	D	6/27/2007	Alkali Cleaner - General Purpose
PS-344	L	8/31/2004	Alkali Cleaner - Heavy Duty
PS-631	L	9/23/2004	Etch Inspection Acid Salt Solution
PWA Subject	Index	1/3/2000	Index of AMS & PWA Spec. for Gas Turbine Designs
PWA Glossary	L	3/21/2006	Material & Process Spec's
PWA 5	D	9/2/1997	Laser Marking
PWA 6	F	9/2/1997	Peening
PWA 11	BY	8/3/2006	Heat Treatments
PWA 16	BC	2/12/2002	Welding
PWA 46	W	12/2/2004	Coating, Flame Deposition
PWA 53	AN	12/18/2006	Coating, Plasma Spray Deposition
PWA 60	M	8/15/2005	Anti-gallant Compound & Treatment
PWA 83	AE	12/2/2004	Cleaning of Parts to be Adhesive Bonded Sealed, filled

PWA 97	N	2/8/2000	Finishing by Electrochemical or Electrodischarge Metal Removal
PWA 104	R	12/16/1997	Controlled Environment Room
PWA 106	H	8/26/2005	GRINDING OF TITANIUM
PWA 110	AC	8/29/2005	Application of Aluminum Coating
PWA 116	AA	1/26/2006	Cleaning of Titanium & Titanium Alloys
PWA 256	T	11/28/2001	Coating, Plasma Spray Deposition Gator-Gard
PWA 259	K	12/16/1997	Electroless Nickel Alloy Plating
PWA 300	BH	10/21/2002	Control of Materials, Processes & Parts
PWA 301	AT	7/2/2007	Raw Material & Process Substitutions
PWA 304	B	5/17/2004	Interpretation of Key Characteristics
PWA 307		6/15/1992	Dot Peen Marking
PWA 310	BD	2/22/2007	Identification Marking
PWA 329		11/10/1978	Statistical Dimensioning on Drawings
PWA 330	A	5/18/1984	Drawing Interpretation for Airfoils
PWA 335	A	1/31/1997	Computer Graphics Files for Blade/Vane Non-airfoil Geometry
PWA 345	D	1/31/1997	Computer File Airfoil Section Engine Position Coordinate Data
PWA 351	E	4/23/1980	Surface Roughness, Waviness & Lay
PWA 360	T	12/20/2004	Drawing Interpretations
PWA-362	N	5/20/1987	Surface Texture (Roughness, Waviness & Lay)
PWA-367	P	6/29/2007	Engineering Controlled Process
PWA-370	P	12/7/2006	Engineering Source Approval
PWA-373	F	5/10/2000	Interpretation of Computer Graphics Files for Product Definition
PWA-388	D	4/9/1990	Surface Texture
PWA-389	C	1/31/1997	Computer File Mid-span Shroud Section Coordinate Data
PWA-390	G	1/31/1997	Computer File A/F Section Chord Normal Coordinate Data & Fairing
PWA-394	D	1/31/1997	Computer File Attachments
PWA-397	H	5/17/2004	Classification of Characteristics
PWA-464	F	9/22/1998	Adhesive Film, Epoxy, Scrim Supported
PWA-474	R	10/1/2004	Anti-Gallant Compound & Treatment
PWA-499	L	8/29/2005	High Temperature Color Finish
PWA-550	U	4/13/2004	Anti-Gallant Compound & Treatment
PWA-556	P	6/22/2001	Primer, Silicone Rubber, Red or Clear
PWA-561	L	8/29/2005	High Temperature Finish
PWA-595	R	8/29/2005	Aluminum Coating
PWA-597	R	3/22/2005	Polyurethane, Polyether Type Molded Shapes & Sheet
PWA-611	AD	8/7/2003	Adhesive Bonding
PWA-615	AE	8/30/2006	Application of Sealing & Filling Compounds
PWA-830	BP	9/19/2007	Protective Treatments
PWA-1201	J	5/17/2004	Titanium Sponge
PWA-1202	AH	11/4/2002	Titanium Alloy Bars & Forgings
PWA-1228	J	5/10/1999	Titanium Alloy Bars & Forgings
PWA-1369	H	10/28/2005	Powder, Plasma Spray, Copper Nickel
PWA-1378	K	8/25/2005	Powder, Plasma/Flame Spray, Bronze – Aluminum
PWA-1379	L	2/7/2001	Powder, Plasma Spray, Tung
PWA-5525	B	10/8/1974	Compound, Coating: Anti-galling
PWA-36003	N	10/9/1998	Adhesive/Sealant, Silicone Rubber

PWA-36027	H	3/12/2002	Adhesive, Neoprene
PWA-36055	C	5/20/2003	Primer, Silane Resin (Superseded by PWA-556 & 36466)
PWA-36063	C	3/17/1997	Silicone Rubber Sheet
PWA-36247	B	12/17/2002	Anti-Gallant Compound and Treatment (Superseded by PWA-474)
PWA-36466	C	6/3/2008	Primer, Silicone Rubber
PWA-36519	C	8/30/2006	Epoxy Primer
PWA-36545	P	9/29/2005	Anti-Gallant Compound and Treatment
PWA-36546	A	5/12/1996	Coating, Flame Deposition
PWA-36700	D	1/16/1998	Marking Materials
PWA-36906	F	11/4/2002	Peening
PWA-79250	A	4/27/1999	Control of Minor Elements
PWA-79302	A	6/9/1994	Alternative Processing
PWA-79304	B	5/29/1997	Computer File for Airfoil Section Coordinate Measurement Data
PWA-79306	A	1/31/1997	Computer File for Turbine Airfoil Section Tolerances
PWA-79345	B	8/14/2006	Management & Classification of Key Product Characteristics
PWA-79357		5/6/1999	Computer File for Airfoil Section Tolerances
PWA-79360	B	12/20/2004	Drawing Interretations
PW-QA 6071	R	11/18/2005	Control of Hidden Requirements and Special Identification
PW-QA 6076	AD	3/31/1999	Supplier Quality Assurance Program Requirements
PW-QA 6077	K	3/31/1999	Measurement System Requirements
PW-QA 6078	AC	7/11/2006	Q.C. Requirements for Barstock, P&W Designed Castings, Forgings, Extrusions, Rolled or Welded Rings and Sonic Configuration Parts Produced by Suppliers
PW-QA 6084	AB	2/28/2001	Supplier Sampling Requirements Cancelled (2/28/01) see ASQR 20.1
PW-QA 6088	AA	2/20/2007	Control of Nonconforming Articles by Vender
PW-QA 6088	2	9/4/2001	APPENDIX A
PW-QA 6089	A	3/21/1994	Control of Nonconforming Articles by Corproducers
PW-QA 6091	D	3/31/1995	Supplier Quality Assurance Program Requirements for Supplier-Designed Development Articles
PW-QA 6096	6	3/21/2006	Req. and General Info. For Suppliers of Noncomplex Support Equipment and Packaging, Handling, Storage and Transportation Configuration Items
PW-QA 6098	A	12/23/1994	Supplier Process Control System Requirements Cancelled
PW-QA 6099	B	2/28/2001	Process Certification Requirements Cancelled (2/28/01)
PW-QA 7000	B	4/3/1995	Q.C. Requirements for Supplier-Furnished Industrial Articles Cancelled
PWA-IM-1100	C	3/31/1989	Document Property Rights Notice
PWA-S-2430	A	2/9/2005	Specification Supplement
PWA-S-4928	N	10/31/2001	Specification Supplement
PWA-S-5616	G	12/11/1995	Specification Supplement
PWA-S-5663	E	8/30/2001	Specification Supplement
SIM-2	K	11/3/1982	Ultrasonic Inspection Method - Contact
SIM-11	D	5/22/2008	Ultrasonic Inspection Method - Immersion
SIS-MASTER	D	5/28/1980	Sonic Inspection Standard -Master
SIS-333		1/4/2008	Titanium Alloy Forging Stock for Global Material Solutions
SIS-16	C	12/23/1981	Titanium Compressor Blades
SIS-19	B	12/23/1981	Titanium Compressor Blade Boots
SIS-32	A	12/23/1981	Titanium Fan Blade
SIS-42	C	9/29/1998	Titanium Alloy Forging Stock & PWA 1232 Plate Stock
SIS-302	A	11/22/1971	Titanium Compressor Blades

TTIM-1	C	2/20/1992	Identification of Parts Subject to Thermal Treatment after PWA 16 Welding Cancelled and Incorporated into PWA-11(5/17/02)
UTCQR-09.1	3	9/29/2006	Process Certification Requirements
VIM-MASTER	B	4/28/2005	Visual Inspection Method -Master
VIS-MASTER	V	6/25/2007	Visual Inspection Standard -Master
VIS-PREFACE		3/21/1972	Visual Inspection Standard-General Instructions
VIS-21	U	10/20/2003	Compressor Blades and Vanes (Forged and Strip Stock)
VIS-28	B	12/20/1966	Precision Forged Turbine Blades and Vanes
VIS-44	B	6/9/1981	Hardfacing on Compressor Blade Midspan Shrouds
VIS-108	F	10/2/1990	Titanium Fusion Welds
VIS-123	B	9/21/1979	Inspection of Shot Peen Under Graphite Varnish
VIS-143	L	11/9/2005	Imperfections in Anti-Galling Coatings after Curing Operation
VIS-152	D	7/1/1991	Parts Coated Per Specification PWA 110
VIS-160	C	10/11/1977	Forged TF30 Fan Blades
VIS-177	B	4/7/1982	Forged Compressor Blades
VIS-226	G	1/10/1997	Fusion Welds
VIS-363	A	12/1/1989	Forged Fan Blades Government Engine Business Programs
VIS-481	E	10/13/2003	Compressor Blade-Forged and Machined Charter Parts Council Generic Design
VIS-511	D	9/25/1998	Fan Blades-Oversized Forged and Machined Commercial Designs Only
XRM MASTER	G	12/11/2006	X-Ray Method (XRM)Radiographic Inspection
XRM-M SUPP. 2	F	7/1/1998	List of Approved Sources of Radiographic Film and Processing Solutions
XRS-M	M	7/18/2000	X-Ray Inspection Master
XRS-23	F	4/12/1984	Rotating Titanium Engine Parts
XRS-33	M	5/8/1991	PWA 16 Fusion Welds

PRATT & WHITNEY AIRCRAFT ENGINES (PWA)

MATERIALS CONTROL LABORATORY (MCL)

<i>Specification</i>	<i>Revision</i>	<i>Rev Date</i>	<i>Specification Title</i>
		2/15/2007	Pratt & Whitney Source Qualification List
		10/15/2003	All Purchased Parts Suppliers
Preface		9/30/2005	Preface
Contents		2/15/2007	Volume IV Table of Contents
V-O		8/15/2001	Metrology – Calibrations & Operational Checks on Measuring & Testing Equipment
V-O Supp A		8/15/2001	Metrology – Calibration of Lab. Equipment-Chemical Test Unit
V-O Supp B		8/15/2001	Operational Checks of Laboratory Equipment (Chemical Test Unit)
V-O Supp C		8/15/2001	Metrology-Calibration of Lab. Equipment- Metallurgical Process Control Unit
V-O Supp D		8/15/2001	Metrology-Operational Checks of Laboratory Equipment
V-O Supp E		8/15/2001	Metrology-Calibration of Lab. Equipment-Metallurgical & Physical Test Unit
V-O Supp F		8/15/2001	Metrology-Operational Checks of Lab. Equipment-Metallurgical & Physical Test Unit
V-O Supp G		9/30/2000	Metrology-Calibration of Laboratory Equipment (Spectro Unit)
V-O Supp I		8/15/2001	Metrology-Calibration of Laboratory Equipment (MCL Metrology)
A-2		10/31/2004	Lab. Ctrl For Product & Product Related Material Raw Material-Metallic
A-2 Supp A		5/15/1999	Lab. Ctrl For Product & Product Related Raw Material-Metallic at Large Military Engine/Liquid Space Propulsion
A-3		3/15/2006	Laboratory Controls for Product and Product-Related Material Raw Material – NonMetallic
A-4		10/31/2004	Lab. Ctrl For Product & Product Related Material Finished Parts-Metallic
A-4 Supp 1		3/15/2006	Lab. Ctrl For Product & Product Related Material-Ctrl Requirements for Metallic Finished Parts

A-4 Supp 2		3/31/2006	Lab. Ctrl For Product & Product Related Material Audit Ctrl Parts & Assemblies
A-4 Supp 3A		10/15/2003	Lab. Ctrl For Product & Product Related Mat. Minimum Tests for Commonly Used Mat. & Processing PWA Spec.
A-4 Supp 3B		3/15/2003	Lab. Ctrl For Product & Product Related Material-Minimum Tests for Commonly Used Material & Processing Specs-AMS 2000 & 4000 Series
A-4 Supp 3C		10/31/2004	Lab. Ctrl For Product & Product Related Material-Minimum Test for Commonly Used Material & Processing Specs-AMS 5000, 6000, & 7000 Series, As 7000 Series & Various Common Alloys
A-4 Supp 4		11/15/2003	Lab. Ctrl For Product & Product Related Material-Minimum Test for Parts with Special Drawing Requirements
A-5		4/15/2001	Lab. Ctrl For Product & Product Related Material-Finished Parts-Non Metallic
C-1		12/30/2004	General Instructions on Minor Material Changes and Nonconformances
C-10		3/31/2001	Suppliers Materials Control And Surveillance
E-CONTENTS		2/15/2007	E-Sections- Table of Contents
E-0		6/30/2005	Definitions
E-0 Supp. A		6/15/2006	General Metallographic Preparation Techniques
E-0 Supp. A1		1/31/2008	Examination of Coatings on Blades and Vanes
E-0 Supp. B		9/15/2000	Composition and Use of Etchants
E-16		3/15/2002	Macroetch of Miscellaneous Materials
E-18		4/30/2002	Definitions (General Instructions for Chemistry Unit)
E-52		8/31/2005	Metallurgical Examination of Ultrasonic Defects in Titanium Alloy Forging Stock
E-53		7/31/2005	Plasma Coatings – PWA 53
E-58		9/15/2003	Ground & Lapped Plasma and Flame-Deposited Coatings
E-72		7/31/2002	Microstructure of Titanium Alloy Rotor Forgings and Rotor Forging Stock
E-141		10/15/2004	Acceptance Std-Plasma Coatings – PWA 257
E-142		6/15/2006	Document Property Rights Notice
E-166		4/30/2005	Evaluation of Machined Features (PWA 1-1 Only)
E-166 Supp. A		8/15/2005	Evaluation of Machined Features (Except PWA 1)
E-1001		10/31/2004	Mechanical & Metallurgical Test Methods-Fluorescent Penetrant-Nickel, Steel & Ti Alloys
E-1173		8/15/2005	Mechanical and Metallurgical Test Methods Tensile, Room and Elevated Temperatures.
F-TOC		3/31/2006	Document Property Rights Notice-Table of Contents
F-Master		1/31/2006	Supplier Controls for Product & Product-Related Material
		4/30/1995	Supplier Authorization
F-4		9/30/2004	Supplier Ctrl for Product & Product-Related Materials – Steel, Heat, and Corrosion Resistant
F-14		11/15/2005	Supplier Ctrl for Product & Product-Related Materials – Wrought or Extruded Bar, Rod, Tube, Plate, Sheet, Strip and Wire
F-16		2/28/1999	Supplier Controls for Product and Product-Related Material
F-17		7/31/2006	Supplier Ctrl for Product & Product-Related Materials – Materials, Parts & Assemblies Subject to Lab Ctrl at Source
F-17 Supp A		1/15/2005	Laboratory Controls for Product and Product-Related Material-Laboratory Control at Source Supplier Representatives Requirements and Responsibilities for Suppliers Operating Under Laboratory Control at Source
F-22		10/31/2004	Supplier Ctrl for Product & Product-Related Materials –Chemical & Metallurgical Processing
F-23		9/30/2006	Supplier Ctrl for Product & Product-Related Materials –Test & Calibration Req. for Commercial & In-House Labs
F-26		4/30/2003	Supplier Ctrl for Product & Product-Related Materials –Direct Procurement of Rotor Part Forgings, Hollow Fan Blade Halves & Rolled Rings by Machining Suppliers
F-27		4/15/2005	Supplier Ctrl for Product & Product-Related Materials – Powders Used for Plasma Spray, Flame Spray, Pack Coatings & Similar Processes
F-28		3/15/2004	Supplier Ctrl for Product & Product-Related Materials – Ti Alloy Forgings & Rolled Rings for Nonrotor Parts
F-36		10/15/2001	Supplier Ctrl for Product & Product-Related Materials – Supplier Ctrl Procedures for Source Qualification
F-40		1/9/2008	Supplier Ctrl for Product & Product-Related Materials – Heat Treatment & Case Hardening

F-42		7/31/1999	Supplier Ctrl for Product & Product-Related Materials – Adhesive Bonded Assemblies
F-44		4/30/2003	Supplier Ctrl for Product & Product-Related Materials – Chemical & Electro-Chemical Metal Finishing
F-45		5/15/2000	Supplier Ctrl for Product & Product-Related Materials – Supplier Ctrl for Threaded Fasteners & Tie Rod Nuts
F-46		9/15/2000	Supplier Ctrl for Product & Product-Related Materials – Compressor Blades & Vanes
F-46 Supp A		2/28/1999	Supplier Ctrl for Product & Product-Related Materials – F-100 Compressor Variable Vanes
F-52		9/15/1999	Supplier Ctrl for Product & Product-Related Materials – Nonmetallic Raw Materials
F-53		3/15/2005	Supplier Ctrl for Product & Product-Related Materials – Supplier Ctrl of Weld/Braze Wire
F-57		3/15/2008	Supplier Ctrl for Product & Product-Related Materials – Thermal Coatings
F-57 Supp. A		6/20/2005	Certified Metallographer For Diffused Thermal Coatings
F-58		10/31/2004	Supplier Ctrl for Product & Product-Related Materials – (LC+) & (LME/SP)
F-60		9/15/2000	Supplier Controls for Product & Product-Related Materials (Resistance Welding)
F-61		3/15/2008	Supplier Ctrl for Product & Product-Related Materials – Fusion Welding
F-62		3/15/2002	Supplier Ctrl for Product & Product-Related Materials – Brazing
F-64		11/15/2003	Supplier Ctrl for Product & Product-Related Materials – Peening
P-83		10/15/2003	Chemical Process Solution Control Tests Stock Loss – Test Panel Immersion Method
App-Contents		2/15/2007	Appendix-Sections Table of Contents
App 32		9/15/2005	Heat Code Assignment
App 36		3/31/2008	Suppliers Operating Under MCL, LCS, MCS
App 43		5/15/2003	Surveillance Over P&WC System of LCS by P&W SME
App 56		2/15/2007	P & W Materials Ctrl Lab Qualified Commercial Lab List
App 60		9/15/2006	Trace Element Tested by Qualified Noncommercial Labs
App 72		6/30/2000	MCL Manual Sections Containing Technical Info Which May Not Be Routinely Disclosed To Foreign Parties

PRATT & WHITNEY CANADA AIRCRAFT ENGINES

<i>Specification</i>	<i>Revision</i>	<i>Rev Date</i>	<i>Specification Title</i>
RSI	105	7/23/2008	REVISION STATUS INDEX-SPECIFICATIONS & STANDARDS
CATTM-M	B	6/22/2005	ALLOY TYPE TEST – MASTER
CATTM-8	H	3/1/2007	(MCL-NDT MANUAL REQ.) ALLOY TYPE TEST-THERMOELECTRIC
CATTM-11	C	3/4/2002	ALLOY TYPE TEST – X-RAY FLUORESCENT METHOD
CEIM-MASTER	C	1/22/2004	ETCH INSPECTION METHOD – MASTER
CEIM-3	L	1/22/2004	ETCH INSPECTION METHOD-ETCH ANODIZE TITANIUM ALLOY
CEIS E.2	D	2/8/2005	ETCH INSPECTION STANDARD
CFPM-MASTER	C	9/20/2000	FLUORESCENT PENETRANT METHOD (CFPM) MASTER SUPPLEMENT
CFPS E.3	L	10/18/2000	FLUORESCENT PENETRANT INSPECTION STANDARD BLADES (WROUGHT & CAST)
CVIS 0	H	7/5/1993	VISUAL INSPECTION STAND.-GENERAL
CVIS 14		10/1/1968	CPW 206 HARDFACING ON M/S SHROUD
CVIS 22	C	4/9/1990	COMPRESSOR BLADES, MACHINED & FAN BLADES
CPMC 71259	F		CLEANER, ALKALINE (NON-ETCH)
CPS 7200	B		SODIUM SILICATE / PYROPHOSPHATE SOLUTION
CPW 10	AW	6/26/2007	IDENTIFICATION MARKING-ITEM, CASTING, & FORGINGS
CPW 21	AK	9/4/2007	HEAT TREATMENTS
CPW 27	F	3/1/1996	ANTI-GALLING COMPOUND & TREATMENT
CPW 31	H	3/10/1997	SURFACE TEXTURE (ROUGHNESS, WAVINESS, & LAY)
CPW 32	L	4/15/2004	FINISH OF COMP. & TURBINE PARTS
CPW 40	K	8/9/2006	PACKAGING AND LABELLING

CPW 41	AA	3/17/2004	ALLOY BARS & FORGINGS, TITANIUM
CPW 90	P	5/20/1999	DRAWING INTERPRETATIONS
CPW 100	N	5/22/1997	CONTROL OF MATERIAL, PROC. & PTS.
CPW 107	M	5/20/1999	SUPPLIER QUALITY CONTROL REQ.
CPW 108	E	3/10/1997	CALIBRATION SYSTEM REQ.
CPW 109	M	9/10/2002	QUALITY ASSURANCE REQUIRMENTS FOR ACCEPTANCE SAMPLING
CPW 111	F	3/10/1997	Q.C. REQ. FOR DESIGN & CONTROL OF GAUGING & INSP. METHODS FOR PT. W/AIRFOIL SHAPES
CPW 121	T	11/11/2005	QUALITY ASSURANCE REQ. FOR CASTINGS & IMPRESSION DIE FORGINGS
CPW 123	F	8/23/1994	Q.A. REQ. FOR CARE & MAINTENANCE OF PWC AIRFOIL GAUGES & THEIR DRAWINGS AT SUPPLIERS PLANT
CPW 124	B	3/10/1997	LAYOUT INSPECTION & PRODUCTION GAUGING REQUIRMENTS FOR BLADES
CPW 135	Revision	8/31/2007	ENGINEERING SOURCE APPROVAL-PROCESS APPROVAL
CPW 142	D	4/19/2001	QUALITY CONTROL REQ. FOR SUPPLIER PROCURED MATERIAL (SPM)
CPW 148	G	9/10/2002	PROCESS CONTROL-MONITORING SYSTEM REQUIRMENTS
CPW 153	C	3/14/2005	MANAGEMENT & CLASSIFICATION OF KEY PRODUCT CHARACTERISTICS
CPW 206	E	11/28/2005	COATING, FLAME DEPOSITION (TUNGSTEN CARBIDE)
CPW 209	E	5/30/2008	CLEANING OF PARTS TO BE ADHESIVE BONDED, SEALED, OR FILLED
CPW 249	B	10/31/2002	CONTROLLED ENVIROMENT AREA
CPW 289	G	9/21/1998	MICROSTRUCTURE STDS. FOR TI. ALLOYS (FORGED BELOW BETA TRANSUS)
CPW 298	E	5/16/2006	SONIC TEST STD. TITANIUM ALLOY BAR & FORGING STOCK
CPW 324	C	11/23/1999	ADHESIVE, SYNTHETIC RUBBER
CPW 330	R	9/6/2007	ENG. CONTROLLED PROCESSES & ENVIRONMENTALLY HAZARDOUS MAT.
CPW 372	A	4/3/1997	TEST SPECIMENTS-METALLIC MAT.
CPW 428	G	7/17/2008	COMPOUND ANTI-GALLING
CPW 433	H	2/28/2006	COMPUTER FILES FOR CAD/CAM DATA
CPW 435	F	10/17/2006	CLEANING OF TITANIUM ALLOYS
CPW 441	A	8/13/1998	POWDER, PLASMA SPRAY, TUNGSTEN CARBIDE-COBOLT
CPW 451	E	10/6/2003	DRAWING INTERPRETATIONS FOR AIRFOILS
CPW 454	W	2/12/2008	RAW MATERIAL & PROCESS SUBSTITUTIONS
CPW 525	E	9/15/2000	ADHESIVE, EPOXY, FLEXIBLE, TWO PART
CPW 543	K	3/28/2007	GENERAL REQ. FOR VISUAL INSP.
CPW 627	B	2/28/2003	COMPOUND, ANTI-GALLING
CPW 635	N/C	1/22/1998	VISUAL INSP. STANDARD-GENERAL CRITICAL ROTATING PARTS
CPW 769	N/C	7/13/2007	REWORK PASTE ADHESIVE, EPOXY, TWO PART
CPW 770	B	6/10/2008	SILICONE RUBBER, UNSUPPORTED HIGH TEMPERATURE RESISTANT - FLUID RESISTANT 45 - 70
SQOP 01-01	C	4/10/2008	PWC GENERAL REQUIREMENTS
SQOP 0901	Q	4/10/2008	Supplier Quality Operating Procedure

PRATT & WHITNEY CANADA AIRCRAFT ENGINES (PWC)

MATERIALS CONTROL LABORATORY (MCL)

<i>Specification</i>	<i>Revision</i>	<i>Rev Date</i>	<i>Specification Title</i>
		3/15/1999	Pratt Canada MCL Lab Ctrl at Source
Issue No. 38		5/29/1997	Qualified Source-Engineering Control List
Appendix 1		7/18/2008	Materials Technology & Laboratory-Source Qualification List
FC-2	C	3/27/2006	Vendor Ctrl for Product & Product Related Material

FC-4	J	9/26/2006	Supplier Ctrl for Product & Product Related Material
FC-14	H	9/26/2006	Wrought or Extended Bar/Rod/Tube/Plate/Sheet/Strip & Wire for Non-Critical Application
FC-16	J	3/13/2006	Material, Parts or Assemblies not Subject to LCS or MCS
FC-17	K	3/13/2003	Materials, Parts & Assemblies Subject to MCS
FC-22	K	7/12/2002	Supplier Controls for Product and Product-Related Materials-Chemical & Metallurgical Processing
FC-23	F	5/12/2006	Supplier Ctrl for Product & Product Related Materials Test & Calibration Req. for Commercial & In-House Labs
FC-28	G	4/21/2005	Ti Alloy Forgings, Rolled Rings for Non Rotor Applications
FC-30	F	6/6/2002	Titanium alloy Forgings & Bar Stock for Highly Stressed Rotor Parts
FC-35	J	4/25/2003	Thermal Spray Coatings
FC-40	H	12/6/2002	Heat Treatment & Hot Isostatic Pressing
FC-42	C	3/13/2006	Adhesive Bonded Assemblies & Composite Laminates
YC-09	C	5/8/2001	Peening
CFPM MASTER	C	4/3/2001	Fluorescent Penetrant Method Master
CFPM MASTER AMENDMENT	A	2/21/1990	Fluorescent Penetrant Method Master (Amendment 1 thru 5)
CFPM-5	E	3/10/2005	Fluorescent Penetrant Inspection Requirement Ultra-High Sensitivity

ROLLS-ROYCE AIRCRAFT ENGINES

<i>Specifications</i>	<i>Revision</i>	<i>Rev Date</i>	<i>Specification Title</i>
ANA		2/28/1973	Air Force-Navy Aeronautical Bulletin
CB10951			Compressor Blade
CME 5033/2/E1	9	5/1/2007	Thermal Spray Coating Generic
CME 5033/2/E1-31	4	5/1/2007	Copper Nickel Indium Alloy to MSRR9507/31
CME 5033/2/E4	1A	6/1/1994	Thermal Spray Coating Component Specific Standards
EDI 210		2/22/1957	Vibration Frequency Determination for Compressor Blades
EDI 228		4/21/1960	Supplement to Engineering Drawings of Blades and Vanes
EDI 252	B	3/1/2004	Compressor Blades-Visual Defects-Limits of Acceptability
EDI 286	A	12/10/1968	Process Cleaning of Ti Parts
EDI 304	K	3/24/1971	Traceability of Serialized Parts
EDI 308	B	12/11/1968	Forging Drawing Design Requirements
EDI 310		10/24/1967	Guillotine Gage Inspection of Compressor Blades
EDI 331	B	9/29/1993	Traceability Record Req. for parts Shipped from Allison
EDI 460	H	9/5/2007	Identification Marking Methods & Controls
EDS 1306	Y	1/18/2008	Fixed Process and Source Control Req. after Initial Engineering Source
EDT 500	24	8/10/2007	Drawing Interpretation
EDT 501	4	12/4/1986	Surface Texture
EDT 506	13	8/10/2007	Explanation of Drawing Terms
EIS 502	V	3/8/2004	Control & Testing of forgings by Supplier
EIS 810	D	5/29/2002	Etch-Anodize & Chemical Etch Insp. Proc. For Ti Alloy (6A1-4V) Compressor Blade
EIS 830	C	3/6/1989	Corrosion Testing & Insp. Proc. For Compressor Airfoils Material
EIS 1070	M	4/18/1991	Magnetic Particle Insp. Compressor Blades & Vanes
EIS 1169	AF	2/4/1999	Fluorescent Penetrant Inspection
EIS 1200	AA	3/14/2006	Acceptance Criteria for Fusion Welds
EIS 1225	D	5/23/1977	Acceptance Std. Ultrasonic Insp. of Forged Material
EIS 1280		3/1/2004	Visual Inspection – Compressor Blades

EIS 1301	D	3/7/2005	Inspection Req. & Acceptance Standards, General Wrought Products
EMS 31	B	7/25/1969	Oil, Fluorescent Penetrant High Fluorescence, Solvent Soluble
EMS 129	A	1/14/2004	Methyl Ethyl Ketone
EMS 133		8/13/2003	Organic Solvents & Proprietary Chemical app. Minor Cleaning oper. on Metallic Parts
EMS 27628	B	1/15/2008	Inorganic Anti-Fretting Coating Material
EMS 56786	B	6/14/2000	Powder, Copper-Nickel-Indium
EPS 345	P	7/16/2008	Cleaning/Degreasing, Aqueous, Vapor, or Steam
EPS 355	K	3/23/2000	Stress Anneal Heat Treatment Compressor Rotor Blades
EPS 401	V	8/7/2008	Solution & Precipitation Heat Treatment AMS 5355, AMS 5398 & AMS 5643 (17-4 PH)
EPS 466	E	4/13/1981	Solution & Annealing Heat Treatment AMS 4928 & AMS 4967 (6A1-4V Ti Alloy)
EPS 10486	B	3/3/1997	Coating, CU-NI-IN, Plasma Sprayed
EPS 10489	A	8/13/1992	Coating Process, CU-NI-IN Anti-Fretting
EPS 10494	C	11/3/1976	Tungsten Carbide Coating
EPS 11706	A	11/15/1974	Coating, Inorganic Anti-Fretting Application
EPS 11720	E	7/9/1969	Surface Bonded Lubricant Application
EPS 12000	H	10/26/1988	Grit Blasting, Process Control
EPS 12012	C	5/1/1988	Dry Honing Aluminum Oxide Abrasive
EPS 12020	A	5/26/1956	Grit Blasting – Wet 325 Grit Silica
EPS 12050		9/24/1955	ROTO-Tumbling of Compressor Rotor Blades
EPS 12075	H	5/11/2005	Glass Bead Peening or Blasting
EPS 12130	F	10/6/1995	Measurement of Shot Peening Intensity
EPS 12135	F	11/18/2002	Measurement Disposition of Used Peening Shot
EPS 13200	A	8/29/1997	Technical Control of Special Machining Processes
EPS 15555	R	8/4/2004	Hot Alkaline Cleaning Ti-Base Alloy Parts
EPS 15559	E	5/27/1999	Acid Cleaning of Ti Alloys
EPS 15801	M	9/7/2007	Cleaning, Processing, Handling & Id. Marking Req. for Ti Materials
ANTL		2/4/2004	Approved Nondestructive Testing Laboratories
SQAR 100	LCL	1/18/1996	Mandate to Suppliers to Become ISO Certified
SQAR 138	LCL R	2/10/1997	Certified Suppliers
SQAR 149	LCL J	8/26/1996	Parts having Traceability Requirements
SQAR 171	LCL H	8/23/1996	Audit Source Inspection
SQAR 183		10/23/1991	Requirement for Procurement of Finished Parts, Which Specify Engineering Source Approval (EDS 1306) for Fabrication of Finished Part Only
SQAR 184	LCL B	11/6/1995	Req. for the Procurement of Finished Parts that Specify Engineering Source Approval (EDS 1306) for Fabrication & /or Raw Mat.
JES 125	15	7/1/2005	Source and Method Change Approval
JES 131	23	8/1/2007	Identification Marking Methods & Control
JES 137	9	4/1/2000	Surface Texture Control
JES 160		5/1/1994	Engineering Drawing Practice & Tolerance Interpretation
JES 174		3/1/1997	Balancing
JES 182	10	4/4/2005	Traceability of Compressor Rotor Blades & Vanes
JES 195		10/1/1991	Compressor Blade & Vane Profile Control
JES 207	4	4/1/1997	Control of Manufacturing Plans for Sensitive Parts
JES 295	2	9/3/2005	Source Control of Unclassified Parts
MSRR 8624	5	4/1/2006	Ti-6Al-4V Alloy LP Compressor Fan Rotor Blades
MSRR 9274	4	5/10/2001	Bonded Molybdenum Disulphide Dry Film Lubricant

MSRR 9396	4	10/1/2002	Acrylic Adhesive/Sealant
MSRR 9507/31	4	9/1/1996	Copper Nickel Indium Alloy Powder
MSRR 9951	14	5/1/2005	Laboratory Approval and Control Procedures for Wrought Products
RPS 26	7	1/4/2004	Stripping of Paint finishes
RPS 128	16	12/1/2005	Cleaning and Degreasings using Trichloroethylene Solvent-Hot Liquid and Vapour
RPS 251	6	8/1/1992	Barrel Finishing Methods
RPS 317	4	2/3/2005	Measurement of Compressor & Turbine Blade & Cantilevered Compressor Vane Frequencies
RPS 323	9	9/1/2005	Heat Treatment of Titanium Alloys
RPS 386	10	10/1/2005	Abrasive Blasting
RPS 392	9	10/1/2005	Plasma Flame Deposition
RPS 407	19	3/1/2007	Adhesive Bonding
RPS 448	5	11/1/1999	Descaling of Titanium and Titanium Aloys
RPS 428	9	10/1/2005	Controlled Shot Peening
RPS 461	10	3/1/2007	Cleaning and Degreasing using Aqueous Media
RPS 574	15	2/4/2005	Heat Treatment of Fabrications in Nickel & Cobalt Base Alloys
RPS 608	3	12/1/1993	Controlled Abrasive Blasting
RPS 619	8	1/1/2006	Super Polishing of Components
RPS 661/9	7	9/4/2005	Application of Molybdenum Disulphide Dry Film Lubricant
RPS 709	7	7/1/2006	Visual Inspection
RPS 900	17	10/1/2006	Technical Control of Manufacturing Processes
RPS 900/1	5	6/1/2006	Special Processes Listing
RPS 906	10	11/2/2005	Control of Non Destructive Testing
RPS 916	2	2/3/2005	Measurement of Compressor Blade & Cantilevered Compressor Vane Frequencies
RPS 953	11	3/1/2007	Laboratory Control Procedure for Heating Furnaced and Associated Equipment and the Thermal Processing of Materials
RQSC 12T-4000	2	7/1/2004	Component-Specific Rationalized Quality Standards
RQSC 12T-4001	1	4/1/2008	Part Specific Rationalised Quality Standard BR725
RQSC 12T-4001 App.1-10	1	4/1/2008	Part Specific Rationalised Quality Standard BR725
RQSG-9Q	4	6/27/1996	Fabricated Components Utilising Nickel & Cobalt Sheet Materials
RQSG-11X	6		Compressor Blades & Vanes
RQSP 031	2	12/14/1995	Adhesive Bonding
RRES 90000		3/29/2007	Engineering Control of Manufacturing Sourde and Method
RRES 90002		2/29/2007	Critical Part Classification

Military			
<i>Specifications</i>	<i>Revision</i>	<i>Rev Date</i>	<i>Specification Title</i>
NAS 410	Mar-08	3/1/2008	NAS Certification & Qualification of Nondestructive test personnel
MIL-PRF-3420	G	9/11/1998	Packaging Materials, Volatile Corrosive Inhibitor, Opaque
MIL-HDBK-52	B	CANCELLED	Evaluation of Contractors Calibration system
MIL-C-15074	E	1/30/1991	Corrosion Preventive, Fingerprint Remover
MIL-C-10578	D	4/21/1998	Corrosion Removing & Metal Conditioning Compound (Phosphoric Acid Base)
MIL-C-85285	B	5/13/1988	Coating, Polyurethane, High-Solids
MIL-C-85285	B	10/22/1990	Coating, Polyurethane, High-Solids (Admenment 2)
MIL-F-38762		CANCELLED	Flourescent Penetrant Inspection Units

MIL-G-9954	A	CANCELLED	Glass Bead, for Cleaning & Peening
MIL-H-6088	G	CANCELLED	Heat Treatment of Aluminum Alloys
MIL-H-6875	H	CANCELLED	Heat Treatment of Steel Raw Materials
MIL-H-81200	B	1/13/1991	Heat Treatment of Titanium & Titanium Alloys
MIL-I-6870	E	CANCELLED	Inspection Program Req. Nondestructive for Aircraft & Missile Material & Parts
MIL-I-25135	E	CANCELLED	Inspection Materials, Penetrants
MIL-I-45208	A	CANCELLED	Inspection system Requirments
MIL-I-45932/1C		5/2/1994	Insert, Screw Thread - Thin Wall, Locked In
MIL-I-45932/2B		9/20/1977	Insert, Screw Thread - Thin Wall, Locked In
MIL-I-45932/3B		5/2/1994	Insert, Screw Thread - Thin Wall, Locked In
MIL-I-45932		4/21/1971	Insert, Screw Thread - Thin Wall, Locked In
MIL-L-8937	D	CANCELLED	Lubricant, Solid Film, Heat Cured, Corrosive Inhibiting, Nato Code No. S-1738
MIL-L-9909	A	CANCELLED	Light, Ultraviolet, Metal Examining
MIL-L-46010	D	12/2/1994	Lubricant, Solid Film, Heat Cured, Corrosive Inhibiting
MIL-Q-9858	A	CANCELLED	Quality Program Requirements
MIL-PRF-3043	C	2/13/1998	Resin Coating, Permanent, for Enging Components & Metal Parts
MIL-PRF-85285	D	6/28/2002	Coating: Polyurethane, Aircraft and Support Equipment
MIL-PRF-85582	D	6/9/2006	Primer Coatings: Epoxy, Waterborne
MIL-PRF-9954	C	1/31/2008	PERFORMANCE SPECIFICATION GLASS BEADS: FOR CLEANING AND PEENING
MIL-S-851	D	CANCELLED	Steel Grit, Shot, and Cut Wire Shot; and Iron Grit & Shot Blast Cleaning & Peening
MIL-S-7742	D	CANCELLED	Screw Threads, Standard, Optimum Selected Series:
MIL-S-8879	C	8/12/1997	Screw Threads, Controlled Radius Root with Increased Minor Diameter, General Specification For (Notice 2)
MIL-S-8879	C	7/25/1991	Screw Threads, Controlled Radius Root with Increased Minor Diameter, General Specification For
MIL-S-13165	C	CANCELLED	Shot Peening of Metal Parts
MIL-STD-130	M	12/2/2005	Identification Marking of U.S. Military Property
MIL-STD-1686	D	10/25/2005	Electrostatic Discharge Control Program for Protection of Electrical & Electronic Parts
RR-S-366	E	CANCELLED	Sieve, Test
QPL-9954-7	7		Glass Beads, for Cleaning & Peening
QPL-25135-17	17	CANCELLED	Inspection Materials, Penetrants

Snecma

Specifications	Revision	Rev Date	Specification Title
DMD-0778	C	5/12/2000	Properties and Applications of TA6V p.q.
DMP-11	D	11/14/1989	Heat Treatment General
DMP-12-108		12/13/1974	Chemical Dissolution of Titanium & Titanium Alloys Operating Requirements
DMP-28	K	1/23/2003	Sand Blasting and Peening General Operating Requirements
DT05-10	H	2/7/2003	Processing of the Technical Definition and Interpretation of Drawings
DT05-35	F	12/18/1985	Classification of Characteristics
DT05-44	J	3/8/1996	General Manufacturing Tolerances
DT05-57	D	2/7/1996	Goemetical Tolerances
DT05-87	M	5/16/2002	Serialization / Traceability
DT06-19	H	11/28/2000	Instructions for Manufacturing and Inspecting Fan Blades, Compressor Blades and Vanes
DT06-25	B	10/6/1998	Visual Acceptance Criteria for Defects on Compressor and Fan Blades/Vanes
DT56-02	F	4/17/2000	Manufacturing Conditions Substantiation Procedure
QA-000412	O		Operational Procedure

QA-000623	E		Processing Performed by Snecma Suppliers on items not conforming to their Definition
QA-000725	E	4/17/2003	Quality Requirements Applicable to Suppliers
QA-000880	E		List of the QA-000725 Additional Quality Documents

Honeywell Allied			
<i>Specifications</i>	<i>Revision</i>	<i>Rev Date</i>	<i>Specification Title</i>
AF 5474	NC	2/26/1982	Fabrication Std. For Compressor Blades and Vanes
C 5049	K	11/11/1993	Cleaning of Titanium and Titanium Alloys
C 5098	J	8/7/1998	Etching Prior to Penetrant Inspection
CP 5015	AE	5/27/1999	Protective Treatment-Metal Parts
E 100	BB	3/15/1999	Textron Lycoming Trade Secret
E 1000	E	6/21/1996	Drawing Interpretation
EMS 52309	U	2/24/1999	Penetrant Inspection
EMS 52321	M	10/22/1996	Inspection, Ultrasonic
EMS 52325	K	12/9/1993	Bars, Titanium Alloy
EMS 52349	J	3/14/2000	Nondestructive Testing (NDT) Personnel, Qualification/Certification
EMS 52353	J	2/25/2000	Testing Lab, for Metallic Materials, Approval of/Accept. Standard
EMS 52438	H	2/27/1996	Varnish, Graphite, Application of
EMS 52503	J	11/19/1996	Melting and Conversion Sources, Approval of
EMS 54924	K	5/10/1996	Fg./Fg. Stock, Titanium Alloy 6A1-4V, for Blades and Vanes
EMS 54927	F	5/24/1996	Fg./Fg. Stock, Titanium Alloy 6A1-2Sn-4Zr-2Mo, for Blades and Vanes
EMS 54930	G	7/11/1996	Fg./Fg. Stock, Titanium Alloy 6A1-4V, Triple Melted
EMS 54933	G	7/18/1997	Fg./Fg. Stock, Titanium Alloy, 6A1-4V, Double Melted
EMS 57931	B	1/24/1997	Wrought Product, Acceptance Criteria for Equipment and Parts
GENERAL EO 22	T	11/6/1985	Authorized Alternative Material
GENERAL EO 62	A	10/7/1981	Nondestructive Testing
GENERAL EO 77		2/2/1996	System Changes/Part Marking & Eng. Source Approval
HT5040	U	11/25/1995	Nitriding, Steels
M3709	J	10/12/1995	Steel, Corrosion, and Moderate Heat Resistant, AM 350
MC 9014	D	8/16/1999	Marking of Products for Identification and Information
MC 9015	E	4/23/1999	Product Traceability
P6000	T	12/18/1996	Heat Treating General
P6402	H	8/18/1995	Passivation, Process for
P6463	D	9/26/1997	Lubricant, Solid Film, Antifretting, Process for
P6803	L	3/15/1996	Ultrasonic Inspection
P6902	H	9/22/1997	Compressor Blades & Vanes, Process for
P7703	P	5/5/1998	Compressor Blades, Alloy AM350, Process for
PC-001		8/31/1994	Process Control-Variation Reduction
SC6000	D	1/22/1999	Interpretation of Drawings
SC6000-Amend. 1	D	9/1/1987	Interpretation of Drawings
SC6000- Appendix 1		9/1/1988	General Engineering Orders
SC 6001	E	8/20/1975	Std Requirements for Machined Features
SC 6003	D	8/20/1975	Std Requirements for Cast of Forged Parts
SC 6500	G	1/22/1999	Drawing Interpretation