

AI ENGINEERING SERVICES LIMITED

CAPABILITY LIST

APPROVED BY DGCA GOVERNMENT OF INDIA



AI ENGINEERING SERVICES LIMITED

CAPABILITY LIST

APPROVED BY
DGCA
GOVERNMENT OF INDIA
Vide letter No.F-APP/AIESL/2820, Dated 29/12/2014
ISSUED BY
CHIEF EXECUTIVE OFFICER
AI ENGINEERING SERVICES LIMITED
ISSUE 2 REV 0 01 DEC 2020



AI ENGINEERING SERVICES LIMITED

CAPABILITY LIST

PART 0 GENERAL



CAPABILITY LIST	AIESL CAP/02		
CAPADILITI LIST	PART 0		SECTION 0.1
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0.2 LIST OF EFFECTIVE PAGES

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0.1-1	01 DEC 20	0	1.1-1	01 DEC 20	0	3.1-1	01 DEC 20	0
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PREPARED BY:

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0.3 RECORD OF REVISIONS

ISSUE NO	REV. NO	DATE
ISSUE-1	REV 0	30 APR 2014
ISSUE-1	REV 1	01 NOV 2017
ISSUE-1	REV 2	01 JAN 2019
ISSUE-1	REV 3	01 MAY 2019
ISSUE-2	REV 0	01 DEC 2020



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0.4 DISTRIBUTION LIST

CAPABILITY LIST, AIESL CAP/02 IS ISSUED TO FOLLOWING:

COPY	ISSUED TO
HARD COPY / SOFT COPY	DAW, DGCA - MUMBAI
SOFT COPY	ALL EXECUTIVES & ACTIVITY CENTERS THROUGH SERVER.



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0.5 PREAMBLE

AIESL Capability List designated as Document Reference No. AIESL CAP/02 has been approved by DGCA.

The Capability List includes Maintenance, Repair, Overhaul, Testing at Mumbai and Nagpur facility of AIESL w.r.t. the following Engines, APUs, Components and their parts; Specialized Services & Processes (All Aircraft/Engines/Components/Parts).

Manufacturer	Engine
General Electric	GEnx-1B Series
General Electric	GE90-100 Series
CFMI	CFM56-7B Series
Pratt & Whitney	PW4000 Series

Manufacturer	APU
Honeywell	GTCP331-500
Honeywell	131-9B
Pratt & Whitney	PW901A
Canada	
Hamilton Sunstrand	APS 5000

The Engines, APUs and components listed in the capability list are authorized to be maintained/tested/overhauled/repaired and returned to service by AIESL.

Capability List shall be maintained as a separate document containing a Document cover page, Document part Cover page, a preamble, a Table of Contents Page, a Record Of Revisions Page, a List of Effective pages and a Revision highlights page along with the details of the Capability listed in the document. Each Part may be further divided into various sections depending upon its activity centers.

The level of Maintenance defined in the Capability List shall be as per the AIESL MOE. Each page of the capability list shall be identified by Part, Section, Issue No., Rev. No. & Rev. date in the header & page Reference at the centre of footer.

When the main Part No. of a component branches into several dash numbers, the main part no. may be listed with the term- series or XX, as the case may be in the reference document. Alternately applicability to type design may be referenced.

Procedure for enhancement/amendment to this capability list has been described in the MOE, Part 1, Section 1.9.5.



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0.6 HISTORY OF REVISIONS

		T		
ISSUE	REV.	DATE OF	EFFECTIVE	
NO	NO.	REVISION	DATE	BRIEF DESCRIPTION OF CHANGES
NO				
Issue 1	0	30 APRIL 2014	01 JAN 2015	
Issue 1	1	01 NOV 2017	01 NOV 2017	The following capabilities were deleted at AIESL, Mumbai
				Facility.
				1. GE CF6-50 SERIES ENGINE (Part 1)
				2. GE CF6-80C2 SERIES ENGINE (Part 1)
				3. GTCP 331-250H APU. (Part 2)
				3. GIG 331 23011 At 0. (Fait 2)
				The following capabilities were added/revised at AIESL,
				Mumbai Facility.
				_
				PART 0
				1) AIESL CAR-145 MOE REFERENCE Removed.
				2) PREAMBLE – GEnx 1B Series & APU APS 5000 added. Each
				page shall be identified by - part, section added, page
				reference at the centre of the footer added.MOE reference
				added.
				3) Part 0(GENERAL) Revised Rev-1,01 NOV 2017
				PART 1
				4) 1.1 – Note revised
				5) 1.2 – Typographical error Inlet Gear box Module was
				deleted in Rev.0. Error corrected. Note revised
				6) GE90-100 Series Engines-Special Inspections including
				Check C/Service Bulletins/ Airworthiness directive
				compliance on GE90-100 Series engines as per GE'S
				SBs, ADs issued as per approved capability added.
				7) 1.3 - Scope of work at Nagpur Facility added (GE90-
				100).Note revised
				8) 1.4 - Check C Inspection, Removal, Inspection &
				Installation of AGB Module and LRUs as per GEnx-1B EM
				GEK 112851added.
				9) Note added.
				10) Scope of work at Nagpur Facility added (GEnx-1B).
				PART 2
				11)2.2 – Typographical error, Scope of work, Disassembly,
				Cleaning, Inspection, Assembly, Repair and
				Balancing was deleted in Rev.0. Error corrected.
				12)2.3 - Typographical error, Testing was added in Rev.0.
				Error corrected.
				13)2.4 – Note added
				PART 3
				14)3.1- In Page number 4, Special cleaning process, SPM
				reference added
				15)3.2 – NDT- FPI & FMPI for HSPS AS PER ASTM E 1417 &
				1444.
				16)3.10 – Qty.17 consumables as highlighted are added with
				, ,
	<u> </u>			description and specification.



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ISSUE NO	REV. NO.	DATE OF REVISION	EFFECTIVE DATE	BRIEF DESCRIPTION OF CHANGES
Issue 1	2	01 JAN 2019	01 JAN 2019	PART 0
133uC 1	_	01 3AN 2013	01 JAN 2013	0.1 – TOC Changed to incorporate revisions
				0.2 – LEP Changed to incorporate revisions
				0.3 – ROR Date & New revision number added
				0.4 – DIST.LIST Engineering server Internet web address added.
				0.7 – HIST. OF RIV. Revised to add highlights of Revision 2.
				PART 1
				1.4 – GEnx-1B Engine Testing capability at Nagpur Facility added.
Issue 1	3	01 MAY 2019	01 MAY 2019	PART 0
-5500 -				0.2 – LEP Changed to incorporate revisions
				0.3 - ROR Date & New revision number added
				0.7 – HIST. OF RIV. Revised to add highlights of Revision 3.
				PART 1
				1.3 – GE90-100 SERIES ENGINES
				Forward engine mount module Removal, Disassembly,
T 2	_	01 DEC	01 DEC	Inspection, Repair, Assembly & Installation added. PART 0
Issue 2	0	2020	2020	Logo And Company Name Changed.
		2020	2020	Logo And Company Name Changed.
				PART 1, Section 1.1 to 1.4
				Logo And Company Name Changed.
				PART 2, Section 2.1 to 2.4
				Logo And Company Name Changed.
				PART 3, Section 3.1 to 3.10
				Logo And Company Name Changed.



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PART 1 ENGINES



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ENGINES	Issue-2	Rev-0	01 DEC 2020

1.1 PW 4000-94" SERIES ENGINES

DESCRIPTION	SCOPE OF WORK
Modular Maintenance	Disassembly of Engine into Modules, partial (or) full & Assembly of Engine. Engine Borescope Inspection including in-situ blending.
Powerplant Build Up and QEC	QEC Removal and Installation. Disassembly, Cleaning, Inspection, Repair & Assembly of QEC Items.
Spinner / Fan Assembly	Disassembly, Cleaning, Inspection, Repair, Assembly & Balancing.
L.P. Compressor	Disassembly, Cleaning, Inspection, Repair, Assembly & Balancing.
H.P. Compressor	Disassembly, Cleaning, Inspection, Repair, Assembly & Balancing.
Combustor & Stage 1 Nozzle Assembly	Disassembly, Cleaning, Inspection, Repair & Assembly.
HP Turbine Module	Disassembly, Cleaning, Inspection, Repair, Assembly & Balancing.
LP Turbine Module	Disassembly, Cleaning, Inspection, Repair, Assembly & Balancing.
Exhaust Assembly	Disassembly, Cleaning, Inspection, Repair & Assembly.
Main Gear Box Assembly	Disassembly, Cleaning, Inspection, Repair & Assembly.
Angle Gear Box Assembly	Disassembly, Cleaning, Inspection, Repair & Assembly.
Engine FWD and AFT Mounts	Disassembly, Cleaning, Inspection, Repair, Assembly as per: P&W CMM 71-20-04, 71-20-05 & Boeing CMM 71-21-16.
Exhaust Sleeve & Plug	Disassembly, Cleaning, Inspection, Repair, Assembly as per: P&W CMM 78-10-04, 78-10-03 & Boeing CMM 78-11-06, 78-11-15
Testing	All Tests.

NOTE: Capability includes NDT inspection limited to FPI, FMPI, Electroplating, Surface Treatment (Coating), Thermal Spray, Shot Peening, TIG Welding, Heat Treatment, Machining, Rework and Chemical & Mechanical Cleaning as listed in process capability (Part-3).



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ENGINES

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1.2 CFM56-7B SERIES ENGINES

DESCRIPTION	SCOPE OF WORK
Modular Maintenance	Disassembly of Engine into Modules, partial (or) full & Assembly of Engine. Engine Borescope Inspection including in-situ blending.
Powerplant Build Up and QEC	QEC Removal and Installation. Disassembly, Cleaning, Inspection, Repair & Assembly of QEC Items. Engine Borescope Inspection including in-situ blending.
Fan Frame / Case Module	Disassembly, Cleaning, Inspection, Repair& Assembly.
Fan, Booster Module and Spinner	Disassembly, Cleaning, Inspection, Repair, Assembly & Balancing.
No. 1 & No.2 Bearing Support Module	Disassembly, Cleaning, Inspection, Repair, Assembly.
Core Module:	
1. HP Compressor Module	Disassembly, Cleaning, Inspection, Repair, Assembly & Balancing.
2. Combustor/HP Turbine Nozzle Module	Disassembly, Cleaning, Inspection, Repair& Assembly.
3. HP Turbine Module	Disassembly, Cleaning, Inspection, Repair, Assembly& Balancing.
4. HPT Shroud Support and LPT Stg.1 Nozzle Module.	Disassembly, Cleaning, Inspection, Repair & Assembly.
L.P. Turbine Module	Disassembly, Cleaning, Inspection, Repair, Assembly& Balancing.
Inlet Gear Box Module	Disassembly, Cleaning, Inspection, Repair & Assembly.
Transfer Gear Box Module	Disassembly, Cleaning, Inspection, Repair & Assembly.
Accessory Gear Box Module	Disassembly, Cleaning, Inspection, Repair & Assembly.
Engine FWD and AFT Mounts	Disassembly, Cleaning, Inspection, Repair, Assembly as per: Boeing CMM 71-21-37.
Exhaust Nozzle & Plug	Disassembly, Cleaning, Inspection, Repair, Assembly as per: Boeing CMM 78-11-37, 78-11-38
Testing	All Tests.

NOTE: Capability includes NDT inspection limited to FPI, FMPI, Electroplating, Surface Treatment (Coating), Thermal Spray, Shot Peening, TIG Welding, Heat Treatment, Machining, Rework and Chemical & Mechanical Cleaning as listed in process capability (Part-3).



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1.3 GE90-100 SERIES ENGINES

At Mumbai Facility:

DESCRIPTION	SCOPE OF WORK
Engine	Engine Borescope Inspection including in-situ blending.
Engine	Fan Blade Inspection and Replacement including blending and paint touch- up repair.
Engine	Fan Stator Removal and Installation (Engine split/mate for /shipping/transportation / storage.) including fan booster acoustic panel replacement.
Engine	Special Procedures per Engine Manual, Aircraft Maintenance Manual and Service Bulletins, such as- TGB Inspection and Replacement as per SB 72-263, LPT Stage 6 blade Inspection and Replacement per SB 72-0260 and 72-0226, Main Fuel Pump stud replacement and AGB removal/installation; AGB carbon seal replacement; HPC Top Case repair, Engine fuel/oil system preservation etc. Stage 9 OGV Leaf seal replacement per SB 72-338 HPT Stg.1 shroud replacement per SB 72-0404 AGB control alternator pad inspection/repair per SB 72-0256 AGB Main fuel pump & HMU mounting studs replacements per SB 72-0326 AGB Aft skirt covers replacements per SB 72-0280 HPT Stage 2 Blades replacement per core module Assy. 72-00-02 special procedure 002, Removal / Installation of LPT Module / HPT Module / Combustor Diffuser Assembly / AGB Module per, Fan stator rework as per GE90100 EM GEK 109993. HDS replacement per SB 72-A0478 Fan Case Abradable Shroud Repair per EM 72-00-06 and Fan stator rework per SB 72-201.TCF cooling holes repair per SB 72-0476. Forward Engine mount module Removal, Disassembly, Inspection, Repair, Assembly & Installation
Power plant Build Up and QEC	GE90-100 Series Engines-Special Inspections including Check C/Service Bulletins/ Airworthiness directive compliance on GE90-100 Series engines as per GE'S SBs, ADs issued as per approved capability.
	QEC Removal and Installation.
L NOTE · Canability includes	s NDT inspection limited to FPI_FMPI_Flectroplating_Surface Treatment

NOTE: Capability includes NDT inspection limited to FPI, FMPI, Electroplating, Surface Treatment (Coating), Thermal Spray, Shot Peening, TIG Welding, Heat Treatment, Machining, Rework and Chemical & Mechanical Cleaning as listed in process capability (Part-3).

At Nagpur Facility:

DESCRIPTION	SCOPE OF WORK
Engine	All Tests as per GE90-100 Engine Manual GEK 109993.



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1.4 GEnx-1B SERIES ENGINES

At Mumbai Facility:

DESCRIPTION	SCOPE OF WORK
Engine	Engine Borescope Inspection including in-situ blending.
Engine	Fan Blade Inspection and Replacement including blending and paint touch-up repair.
Engine	Fan Stator Removal, inspection and Installation (Engine split/mate for /shipping/transportation / storage.) including fan booster acoustic panel replacement.
Engine	Check C Inspection, Removal, Inspection & Installation of AGB Module and LRUs as per GENx-1B EM GEK 112851.
Powerplant Build Up and QEC	QEC Removal, inspection and Installation.
Preservation	Engine Fuel/oil system preservation
SI/SB/AD	Special Inspections/Service Bulletins/Airworthiness Directives Compliance on GEnx-1B Engines

NOTE: Capability includes NDT inspection limited to FPI, FMPI, Electroplating, Surface Treatment (Coating), Thermal Spray, Shot Peening, TIG Welding, Heat Treatment, Machining, Rework and Chemical & Mechanical Cleaning as listed in process capability (Part-3).

At Nagpur Facility:

DESCRIPTION	SCOPE OF WORK
Engine	Engine Borescope Inspection including in-situ blending as per GENx-1B EM GEK 112851 & Boeing 787 AMM .
Engine	Fan Blade Inspection and Replacement as per GENx-1B EM GEK 112851 & Boeing 787 AMM
Engine	Fan Stator Removal, inspection and Installation (Engine split/mate for /shipping/transportation / storage.) including fan booster acoustic panel replacement as per GENx-1B EM GEK 112851 & Boeing 787 AMM.
Engine	Check C Inspection, Removal, Inspection & Installation of TGB Module, AGB Module, LPT Module, HPT Module, CDN Module, Booster Module and LRUs as per GENx-1B EM GEK 112851.
Powerplant Build Up and QEC	QEC Removal, inspection and Installation as per Boeing power plant build up manual.
Preservation	Engine Fuel/oil system preservation as per GENx-1B EM GEK 112851 & Boeing 787 AMM.
SI/SB/AD	Special Inspections/Service Bulletins/Airworthiness Directives Compliance on GEnx-1B Engines as per SBs/ADs issued.
Engine	All Tests as per GEnx-1B Engine Manual GEK 112851.



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PART 2 APUs



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2.1 APU PW901A

DESCRIPTION	SCOPE OF WORK	
Complete APU	Disassembly, Cleaning, Inspection, Assembly, Repair, Balancing and Testing. APU Borescope Inspection.	
NOTE: Canability includes NDT inspection limited to EDI_EMDI_Electroplating_Surface Treatment (Coating)		

NOTE: Capability includes NDT inspection limited to FPI, FMPI, Electroplating, Surface Treatment (Coating), Thermal Spray, Shot Peening, TIG Welding, Heat Treatment, Machining, Rework and Chemical & Mechanical Cleaning as listed in process capability (Part-3).



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2.2 APU GTCP 331-500

DESCRIPTION	SCOPE OF WORK
APU	Disassembly, Cleaning, Inspection, Assembly, Repair and Balancing. APU Borescope Inspection.



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2.3 HONEYWELL 131-9B APU

DESCRIPTION	SCOPE OF WORK
APU	Disassembly, Cleaning, Inspection, Assembly, Repair and Balancing.
	APU Borescope Inspection
NOTE O LIVE I LA NOTE	limited to EDI EMDI Floctuaristing Confere Treetment (Conting)

NOTE: Capability includes NDT inspection limited to FPI, FMPI, Electroplating, Surface Treatment (Coating), Thermal Spray, Shot Peening, TIG Welding, Heat Treatment, Machining, Rework and Chemical & Mechanical Cleaning as listed in process capability (Part-3).



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2.4 APS 5000A APU

DESCRIPTION	SCOPE OF WORK
APU	Borescope Inspection and LRU replacement.
NOTE C. LIE I L. NOTE III III	lited to FPI, FMPI, Electroplating, Surface Treatment (Coating),

Thermal Spray, Shot Peening, TIG Welding, Heat Treatment, Machining, Rework and Chemical & Mechanical Cleaning as listed in process capability (Part-3).



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PART 3 PROCESSES



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	PART 3		SECTION 1
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3.1.1 GE PROCESS CLEANING

DESCRIPTION	SPECIFICATION		
	SPM CH 70-21-00		
Solvent Degreasing	METHOD 1		
Steam Cleaning	METHOD 3		
Dry Abrasive Blast Cleaning	METHOD 4A, 4C, 4E		
Wet Abrasive Blast Cleaning	METHOD 5B		
Heavy Duty Alkaline Cleaning without inhibited Phosphoric Acid	METHOD 6		
Three Step Heavy Duty Alkaline Descaling Without inhibited Phosphoric Acid	METHOD 7		
Alkaline Cleaning of Titanium Parts	METHOD 9		
Four Step Alkaline Cleaning and Acidic Descaling without inhibited Phosphoric Acid	METHOD 10		
Manual Detergent Cleaning	METHOD 14		
Ultrasonic Cleaning	METHOD 15		
Heavy Duty Alkaline Cleaning with inhibited Phosphoric Acid. (Phosit)	METHOD 16		
Three Step Heavy Duty Alkaline Descaling with inhibited Phosphoric Acid. (Phosit)	METHOD 17		
Four Step Alkaline Cleaning and Acidic Descaling with Phosit	METHOD 20		
Light Duty Aqueous Cleaning	METHOD 22		
Bearing Cleaning	CH. 70-22-01, METHOD 2		
Cleaning of Internal Oil Tubes	CH. 70-22-05		



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3.1.2 P&W PROCESS CLEANING

DESCRIPTION	SPECIFICATION		
	SPM CH 70-21-00		
	SPOP 1		
Degreasing Engine Exterior			
One Step Alkaline Rust Remover on Titanium Parts Only	SPOP 18 (or) SPOP 12		
Four Step Alkaline Cleaning and Acidic Descaling with inhibited Phosphoric Acid	SPOP 211		
Four Step Alkaline Cleaning and Acidic Descaling without inhibited Phosphoric Acid	SPOP 213		
Degreasing of parts by solvent wiping	SPOP 208		
Degreasing of parts by Aqueous Cleaning	SPOP 209		
Two Step Alkaline Permanganate and Rust Remover	SPOP 221		
RTV, Silicon Rubber Removal	SPOP 254/ SPOP19		
Wet Abrasive Blast Cleaning with Aluminium Oxide	SPOP 219		
Dry Abrasive Grit Blast Cleaning	SPOP 10 and SPOP 218		
Wet Glass Bead Blast Cleaning	SPOP 16		
Ultrasonic Cleaning of Aircooled Turbine Airfoil and Duct Segment.	SPOP 91		
One Step Alkaline Cleaning Long soak.	SPOP 203		
Bearing Cleaning	SPOP 216		
Paint stripping	SPOP 260		
Plastic Media Blast	SPOP 19		
Application of Corrosion Inhibitors	SPOP 5		
Cleaning Of Contact Points And Wiring Harness	SPOP 6		
Removal of Carbon from Fuel & Oil Tubes	SPOP 201		
Removal of PWA 77, 110 & 578 Coating from Silver Brazed Parts & Non Silver Brazed Steel and Nickel Parts	SPOP 258		
Carbon Seal Cleaning	SPOP 215		
Bearing Corrosion Protection and Preparation for Storage	SPOP 217		



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3.1.3 CFM56-7B PROCESS CLEANING

DESCRIPTION	SPECIFICATION
	SPM CH
	70-21-11
Solvent degreasing	
Steam Cleaning	70-21-13
Cleaning of Titanium Alloys	70-21-14
Cleaning of Internal oil tubes	70-21-17
Light duty Aqueous cleaning	70-21-18
Light oxide removal from Titanium Alloys	70-21-22
Descaling Ferrous Alloys	70-21-31
Descaling Martensitic Alloys	70-21-32
Heavy oxide removal from Austentic Alloys	70-21-33
Heavy oxide removal from Austentic & heat resistant Alloys	70-21-41
Exterior engine cleaning	70-21-53
Dry abrasive blast cleaning with Alumina – Fine	70-21-11 (220 Mesh)
Dry abrasive blast cleaning with Alumina – Medium	70-21-12 (120 Mesh)
Plastic Media Blasting	70-21-16 (CP2464)
Wet Abrasive Blasting	70-21-23 (325 Grit)
Bearing cleaning	70-21-52



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3.1.4 SPECIAL CLEANING PROCESS

DESCRIPTION	SPECIFICATION
COMPRESSOR BLADES & VANES	VIBRATORY CLEANING AS PER PW SPM 70-41-05
TURBINE BLADES & VANES	VIBRATORY CLEANING AS PER PW SPM 70-41-05



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3.1.5 BOND COATING PROCESS

DESCRIPTION	SPECIFICATION
PURE AI & Ni-AI BOND COATINGS	GE SPM 70-23-08
THERMAL SPRAY COATINGS	GE SPM 70-23-12
TBC TOP COATINGS & Ni-Cr-Al-Yttr. BOND COAT	GE SPM 70-23-22
STRIPPING OF THERMAL SPRAY AL.OXIDE,NON- FERROUS & BOND COATING	GE SPM 70-23-07
STRIPPING OF SERMETAL 'W' PAINT	GE SPM 70-23-02
STRIPPING OF NiAl, CuNiIn COATINGS	CFM56-7B SPM 70-23-34



CAPABILITY LIST	AIESL CAP/02		
ON MILITA ELOT	PART 3		SECTION 2
PROCESSES	Issue-2	Rev-0	01 DEC 2020

3.2.1 FPI – P&W, GE, CFM56-7B, HONEYWELL & HSPS

DESCRIPTION	SPECIFICATION
PRATT & WHITNEY	SPM CH 70-33-00
NORMAL SENSITIVITY F.P.I.	SPOP 62
NORMAL, HIGH, ULTRA HIGH SENSITIVITY FPI (SPOT FPI)	SPOP 70
HIGH SENSITIVITY F.P.I.	SPOP 82
ULTRA HIGH SENSITIVITY F.P.I.	SPOP 84
	SPOP 86
GENERAL ELECTRIC	SPM CH 70-32-02
MEDIUM SENSITIVITY F.P.I.	CLASS A, B & C
HIGH SENSITIVITY F.P.I.	CLASS D
ULTRA HIGH SENSITIVITY	CLASS G
SPOT F.P.I.	CH.70-32-03
HONEYWELL	
HIGH SENSITIVITY F.P.I.	ASTM E1417
HIGH SENSITIVITY	
<u>CFM56-7B</u>	SPM CH
MEDIUM SENSITIVITY	70-32-12
HIGH SENSITIVITY	70-32-13
ULTRA HIGH SENSITIVITY	70-32-14 & 70-32-15
LOCAL FPI MEDIUM SENSITIVITY	70-32-22
LOCAL FPI HIGH SENSITIVITY	70-32-23
LOCAL FPI ULTRA HIGH SENSITIVITY	70-32-24
HSPS	
FPI- NORMAL SENSITIVITY FPI	ACTM F 4447
HIGH SENSITIVITY FPI	ASTM E 1417



CAPABILITY LIST	AIESL CAP/02		
GWADILITY LIGH	PART 3		SECTION 2
PROCESSES	Issue-2 Rev-0		01 DEC 2020

3.2.2 FMPI – P&W, GE, CFM56-7B, HONEYWELL & HSPS

DESCRIPTION	OEM SPECIFICATION		
PRATT & WHITNEY	SPM CH 70-32-00		
ROD	SPOP 101		
ROD – SOLENOID	SPOP 102		
ROD/OD CONTACT	SPOP 103		
END CONTACT	SPOP 105		
END CONTACT AND SOLENOID	SPOP 106		
SOLENOID	SPOP 107		
SHAFT	SPOP 108		
DISK	SPOP 112		
ROD AND INDUCTION (FIXTURE OR CABLE)	SPOP 115		
<u>G.E.</u>	SPM CH 70-32-01		
HONEYWELL	ASTM-E1444		
CFM56-7B	SPM CH. 70-33-11		
HSPS	ASTM E 1444		



CAPABILITY LIST	AIESL CAP/		02
GWADIETT EIGT			SECTION 3
PROCESSES	Issue-2	Rev-0	01 DEC 2020

3.3 HEAT TREATMENT

DESCRIPTION	SPECIFICATION
HEAT TREATMENT (LOCAL)	PYRO PANEL
HEAT TREATMENT (AIR FURNACES)	FURNACE 4' X 4' X 4'
STRESS RELEIVING (AIR OVENS)	FURNACE 10' X 10' X 10'



CAPABILITY LIST	AIESL CAP/02		
GW/BIETT EIGT	PART 3		SECTION 4
PROCESSES	Issue-2	Rev-0	01 DEC 2020

3.4 PEENING

DESCRIPTION	SPECIFICATION
SHOT PEENING	GE SPM CH: 70-47-01
	P&W SPM CH: 70-41-02 SPOP -501 AMS 2430
GLASS BEAD PEENING	GE SPM CH: 70-47-01
	P&W SPM CH: 70-41-01 SPOP -500
	AMS 2430
ROTARY FLAP PEENING	GE SPM CH: 70-47-04
<u>CFM56-7B</u>	
SHOT PEENING	70-52-12
GLASS BEAD PEENING	70-52-11
GLASS BLAD PLENING	70-32-11
ROTARY FLAP PEENING	70-52-14



CAPABILITY LIST	AIESL CAP/02		
CATABILITY LIGH	PART 3		SECTION 5
PROCESSES	Issue-2	Rev-0	01 DEC 2020

3.5 PLATING AND COATING

NICKEL	P&W SPM CH: 70-44-01 SPOP 26, SPOP 29
	AMS 2403, AMS 2424
CADMIUM	P&W SPM CH: 70-44-01 SPOP 21
	AMS 2400
	QQ-P-416
	BAC-5701
	MESIER-DOWTY CMM 32-09-01 SEC 3
SILVER	P&W SPM CH: 70-44-01 SPOP 23, SPOP 24
	AMS 2410, AMS 2412, AMS 2411
	GE SPM CH: 70-45-04
CHROMIUM	P&W SPM CH: 70-44-01 SPOP 22
	AMS 2406
	GE SPM CH: 70-45-01
	BAC-5709
	QQ-C-320 CLASS 2
	MIL-STD-1501
TITANIUM CADMIUM	BAC - 5804
ELECTROLESS NICKEL	P&W SPM CH: 70-44-01 SPOP -309
	AMS 2404
	GE SPM CH: 70-45-02
NICKEL CADMIUM	P&W SPM CH: 70-44-01 SPOP-25
	AMS 2416
COATING	
ANODIZE TOUCH UP	P&W SPM CH: 70-44-01 SPOP-42
	AMS 2473
	GE SPM CH: 70-43-08
BLACK OXIDE FINISH	GE SPM CH: 70-43-12
DEACK OVIDE LIMSH	AMS 2485
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CAPABILITY LIST	AIESL CAP/02		
CATABILITY LIST	PART 3		SECTION 6
PROCESSES	Issue-2	Rev-0	01 DEC 2020

3.6 PLASMA SPRAY

DESCRIPTION	SPECIFICATION
PLASMA / FLAME SPRAY POWDERS	METCO 45 CNS
	METCO 45 VFNS
	METCO 51 FNS
	METCO 52 CNS
	METCO 54 NS (AL-104)
	METCO 58 NS
	METCO 63 NS
	METCO 71 NS
	METCO 71 VFNS
	METCO 72 FNS
	METCO 73 FNS
	METCO 81 NS
	METCO 81 VFNS
	METCO 82 VFNS
	METCO 101BNS
	METCO 101SF
	METCO 106
	METCO 204 NS
	METCO 210 NS
	METCO 301 CNS
	PWA 1346
	METCO 307 NS
	METCO 307 NS - 3
	METCO 308 NS - 3
	METCO 404 NS
	METCO 430 NS
	METCO 443 NS
	METCO 447 NS
	METCO 450 NS
	METCO 601 NS
	METCO 610 NS
	AMDRY 365-2 (PWA 1365-2)
	AMDRY 718
	AMDRY 962
	TRIBALLOY T400
	TRIBALLOY T800
FLAME SPRAY WIRE	AI BRONZE WIRE
	Mo WIRE
	METCO Si Al WIRE
	AI WIRE



CAPABILITY LIST		AIESL CAP/02		
	PAR	Т 3	SECTION 7	
PROCESSES	Issue-2	Rev-0	01 DEC 2020	

3.7 WELDING

DESCRIPTION	SPECIFICATION		
TIG WELDING	ALUMINIUM ALLOYS CORROSION & HEAT RESISTANT STEEL NICKEL ALLOYS/INCONEL/NIMONIC TITANIUM ALLOYS		



CAPABILITY LIST	AIESL CAP/02		
GWADILITI LIGI	PAR	Т 3	SECTION 8
PROCESSES	Issue-2	Rev-0	01 DEC 2020

3.8 MACHINE SHOP

DESCRIPTION	SPECIFICATION
TURNING	LATHES
MILLING	CNC MILLING MACHINE
BORING	JIG BORING MACHINE
GRINDING	GRINDERS
DRILLING	RADIAL (DRILLING MACHINE)
MEASUREMENTS	COORDINATE MEASURING MACHINE



CAPABILITY LIST	AIESL CAP/02		
ON ABILITY LIST	PART 3		SECTION 9
PROCESSES	Issue-2	Rev-0	01 DEC 2020

3.9 REWORK

DESCRIPTION	SPECIFICATION
RIVETTING	
BENCH FITTING	
BORING	
COLD BONDING	GENERAL WORKSHOP TOOLS
DEBURRING	
GRINDING & BLENDING	
DRILLING	



CAPABILITY LIST	AIESL CAP/02		/02
GW/BILLT LIGT	PAR	Т 3	SECTION 10
PROCESSES	Issue-2	Rev-0	01 DEC 2020

3.10 PAINTING

SERMETEL .196 C03 -039 /PWA 595 SERMETEL .196 C03 -039 /PWA 36054 SERMETEL .249 PWA 548 SERMASEAL .570A /565 PWA 561 ANTIGALLING FELPRO C .200 PWA 586 ANTIGALLING .550 PWA 550 ECOLUBE 642 PWA 474 EVERLUBE - 810 C02-049 ANTIGALLING EVERLUBE/ESNALUBE -382 P06 - 038/PWA36545 DRY FILM LUBRICANT SAND STROM 9A MOLYCOTE P - 37 PWA 36246 PRIMER EPOXY PWA -568 PVA 568 PRIMER GREEN EPOXY BMS 10-11T1 ALUMINIZED ENAMEL PWA -569 PWA 569 POLYURITHANE LAMINAR X-500 WHITE PWA 36014 POLYURITHANE LAMINAR X-500 BLACK PWA 36013 REDUCER FOR X-500 PWA 36013 SYNTHETIC VARNISH AMS 3132 LIGH BAKE AL ENAMEL PWA 578 ZINC CHROMATE C03 - 005 ZINC CHROMATE C03 - 005 ZINC CHROMATE C03 - 007 ZINC POLYAMIDE EPOXY C03-017 PAINT PLYTHE BLACK ML1-C-85285 WHITE MIL-C-85285 WHIT	DESCRIPTION	SPECIFICATION
SERMETEL -196		
SERMETEL -249 PWA 548 SERMASEAL -570A /565 PWA 561 ANTIGALLING FELPRO C -200 PWA 586 ANTIGALLING FELPRO C -200 PWA 586 ANTIGALLING FELPRO C -200 PWA 586 ANTIGALLING FERRO C -200 PWA 550 ECOLUBE 642 PWA 474 EVERLUBE - 810 CO2-049 ANTIGALLING EVERLUBE/ESNALUBE -382 PO6 - 038/PWA36545 DRY FLIM LUBRICANT SAND STROM 9A MOLYCOTE P - 37 PWA 36246 PRIMER EPOXY PWA -568 PWA 568 PRIMER EPOXY PWA -569 PWA 568 POLYURITHANE LAMINAR X-500 WHITE PWA 36013 REDUCER FOR X-500 PWA 36013 SYNTHETIC VARNISH AMS 3132 HIGH BAKE AL ENAMEL PWA 578 ZINC CHROMATE CO3 -001/CO3-005 ZINC CHROMATE CO3 -001/CO3-005 ZINC CHROMATE CO3 -005 ZINC CHROMATE CO3 -005 ZINC CHROMATE CO3 -005 ZINC CHROMATE CO3 -006 ZINC CHROMATE CO3 -006 ZINC CHROMATE CO3 -010		·
SERMASEAL -570A /565	SERMETEL -196	C03 -039 /PWA 36054
ANTIGALLING FELPRO C - 200	SERMETEL -249	PWA 548
ANTIGALLING -550 ECOLUBE 642 EVERLUBE - 810 CO2-049 ANTIGALLING EVERLUBE/ESNALUBE -382 DRY FILM LUBRICANT SAND STROM 9A MOLYCOTE P - 37 PWA 36246 PRIMER EPOXY PWA -568 PRIMER EPOXY PWA -568 PRIMER GREEN EPOXY ALLMINIZED ENAMEL PWA -569 POLYURITHANE LAMINAR X-500 WHITE POLYURITHANE LAMINAR X-500 WHITE POLYURITHANE LAMINAR X-500 BLACK PWA 36013 REDUCER FOR X-500 PWA 36015 SYNTHETIC VARNISH AMS 3132 HIGH BAKE AL ENAMEL ZINC CHROMATE CO3 -001/CO3-005 ZINC CHROMATE CO3 -005 ZINC MOLYBOATE CO3 -005 ZINC MOLYBOATE AMS 3117 PRIMER -POLYAMIDE BLACK MIL-C-22750 PAINT PLYTHE BLACK MIL-C-85285 BLACK MIL-C-85285 WHITE THINNER POLYURETHANE (ADS)	SERMASEAL -570A /565	PWA 561
ECOLUBE 642 PWA 474	ANTIGALLING FELPRO C -200	PWA 586
EVERLUBE - 810	ANTIGALLING -550	PWA 550
ANTIGALLING EVERLUBE/ESNALUBE -382 DRY FILM LUBRICANT SAND STROM 9A MOLYCOTE P - 37 PWA 36246 PRIMER EPOXY PWA -568 PRIMER GREEN EPOXY BMS 10-11T1 ALUMINIZED ENAMEL PWA -569 POLYURITHANE LAMINAR X-500 WHITE POLYURITHANE LAMINAR X-500 BLACK POLYURITHANE LAMINAR X-500 BLACK PWA 36013 SYNTHETIC VARNISH HIGH BAKE AL ENAMEL ZINC CHROMATE ZINC CHROMATE ZINC CHROMATE ZINC MOLYBDATE AMS 3117 PRIMER POLYAMIDE EPOXY PAINT EPOXY POLYAMIDE BLACK MIL-C-22750 MIL-C-22750 PAINT PLYTHE BLACK MIL-C-85285 WHITE THINNER POLYURETHANE POLYURETHANE PRIMER 4056 POLYURETHANE POMA(36519-2) LUBRICANT RESINBOND MIL-C-46010 MIL-C-4	ECOLUBE 642	PWA 474
DRY FILM LUBRICANT	EVERLUBE - 810	C02-049
DRY FILM LUBRICANT	ANTIGALLING EVERLUBE/ESNALUBE -382	P06 – 038/PWA36545
PRIMER EPOXY PWA -568 PRIMER GREEN EPOXY BMS 10-11T1 ALUMINIZED ENAMEL PWA -569 POLYURITHANE LAMINAR X-500 WHITE POLYURITHANE LAMINAR X-500 WHITE POLYURITHANE LAMINAR X-500 BLACK PWA 36013 REDUCER FOR X-500 PWA 36015 SYNTHETIC VARNISH AMS 3132 HIGH BAKE AL ENAMEL PWA 578 ZINC CHROMATE CO3 -001/CO3-005 ZINC CHROMATE CO3 -005 ZINC MOLYBDATE AMS 3117 PRIMER -POLYAMIDE EPOXY CO3-017 PRIMER -POLYAMIDE BLACK MIL-C-22750 PAINT PLYTHE BLACK MIL-C-85285 BLACK PAINT PLYTHE BLACK MIL-C-85285 WHITE THINNER POLYURETHANE PTFE PMC79718 POLYURETHANE PRIMER 4056 POLYURETHANE PRIMER 4056 POLYURETHANE PRIMER 4056 POLYURETHANE COATING 4056 POLYURETHANE PRIMER 4056 POLYURETHANE COATING 4056 POLYURETHANE COATING 4056 POLYURETHANE RESINBOND (4152 MOUNT) GREEN PRIMER BMS 10-11 BMS 10-11 TEFLON S PWA 36038 FLOROELASTOMER COATING (BLACK) PLORE AND AMS 3180 EVERLUBE 810 CO2-049 WHOLY DAG 2254 WHITE PAINT PART A PRIMAN32005 PART A-WHITE HARDNER DRY FILM LUBRICANT CP 2232		SAND STROM 9A
PRIMER GREEN EPOXY	MOLYCOTE P - 37	PWA 36246
PRIMER GREEN EPOXY	PRIMER EPOXY PWA -568	PWA 568
ALUMINIZED ENAMEL PWA -569 PWA 569 POLYURITHANE LAMINAR X-500 WHITE PWA 36014 POLYURITHANE LAMINAR X-500 BLACK PWA 36013 REDUCER FOR X-500 PWA 36015 PWA 578 PWA		BMS 10-11T1
POLYURITHANE LAMINAR X-500 BLACK		PWA 569
POLYURITHANE LAMINAR X-500 BLACK	POLYURITHANE LAMINAR X-500 WHITE	PWA 36014
REDUCER FOR X-500 PWA 36015 SYNTHETIC VARNISH AMS 3132 HIGH BAKE AL ENAMEL PWA 578 ZINC CHROMATE CO3 -001/CO3-005 ZINC CHROMATE CO3 - 005 ZINC MOLYBDATE AMS 3117 PRIMER -POLYAMIDE EPOXY CO3-017 PAINT PRIMER -POLYAMIDE BLACK CO3-010 MIL-C-22750 CO3-069 PAINT PLYTHE BLACK CO3-069 MIL-C-85285 BLACK CO3-069 PAINT PLYTHE BLACK CO3-018 MIL-C-85285 WHITE PMC1685-T78A THINNER POLYURETHANE PMC79718 POLYURETHANE PRIMER 4056 PWA36509 POLYURETHANE COATING 4056 PWA36510 PRIMER BR -127 BR -127 ECOPRIME GREEN PWA(36519-2) PWA36519-2 LUBRICANT RESINBOND MIL-C-46010 (4152 MOUNT) MIL-C-46010 GREEN PRIMER BMS 10-11 BMS 10-11 TEFLON S PWA 36516-1 FLOROELASTOMER COATING (WHITE) PWA 36516-3 TOULENE (AMS 31800) AMS3180 EVERLUBE 810 CO2-049		
SYNTHETIC VARNISH AMS 3132 HIGH BAKE AL ENAMEL PWA 578 ZINC CHROMATE CO3 -001/CO3-005 ZINC CHROMATE CO3 - 005 ZINC MOLYBDATE AMS 3117 PRIMER -POLYAMIDE EPOXY CO3-017 PAINT EPOXY POLYAMIDE BLACK CO3-010 MIL-C-22750 CO3-010 PAINT PLYTHE BLACK CO3-069 MIL-C-85285 BLACK CO3-018 PAINT PLYTHE BLACK CO3-018 MIL-C-85285 WHITE MIL-C-85285 WHITE THINNER POLYURETHANE PMC1685-T78A PTFE PMC79718 POLYURETHANE ROATING 4056 PWA36510 PRIMER BR -127 BR -127 ECOPRIME GREEN PWA(36519-2) PWA36519-2 LUBRICANT RESINBOND MIL-C-46010 (4152 MOUNT) MIL-C-46010 (4152 MOUNT) BMS 10-11 GREEN PRIMER BMS 10-11 BMS 10-11 TEFLON S PWA 36038 FLOROELASTOMER COATING (WHITE) PWA 36516-3 TOULENE (AMS 31800) AMS3180 EVERLUBE 810 CO2-049		
HIGH BAKE AL ENAMEL PWA 578		
ZINC CHROMATE		
ZINC CHROMATE		
ZINC MOLYBDATE PRIMER —POLYAMIDE EPOXY CO3-017 PAINT EPOXY POLYAMIDE BLACK MIL-C-22750 PAINT PLYTHE BLACK MIL-C-85285 BLACK PAINT PLYTHE BLACK MIL-C-85285 BLACK PAINT PLYTHE BLACK MIL-C-85285 WHITE THINNER POLYURETHANE POLYURETHANE POLYURETHANE PRIMER 4056 POLYURETHANE PRIMER 4056 POLYURETHANE COATING 4056 POLYURETHANE GOATING 4056 PRIMER BR -127 ECOPRIME GREEN PWA(36519-2) LUBRICANT RESINBOND (4152 MOUNT) GREEN PRIMER BMS 10-11 TEFLON S PUMA 36038 FLOROELASTOMER COATING (BLACK) PLOROELASTOMER COATING (WHITE) TOULENE (AMS 31800) AMS3180 EVERLUBE 810 CO2-049 MOLY DAG-254N CP 2632 DRY FILM LUBRICANT CP 2232		
PRIMER -POLYAMIDE EPOXY CO3-017 PAINT EPOXY POLYAMIDE BLACK CO3-010 MIL-C-22750 CO3-069 PAINT PLYTHE BLACK CO3-069 MIL-C-85285 BLACK CO3-018 PAINT PLYTHE BLACK CO3-018 MIL-C-85285 WHITE MC1685-T78A THINNER POLYURETHANE PMC1685-T78A PTFE PMC79718 POLYURETHANE PRIMER 4056 PWA36510 POLYURETHANE COATING 4056 PWA36510 PRIMER BR - 127 BR -127 ECOPRIME GREEN PWA(36519-2) PWA36519-2 LUBRICANT RESINBOND MIL-C-46010 (4152 MOUNT) MIL-C-46010 GREEN PRIMER BMS 10-11 BMS 10-11 TEFLON S PWA 36038 FLOROELASTOMER COATING (BLACK) PWA 36516-1 FLOROELASTOMER COATING (WHITE) PWA 36516-3 TOULENE (AMS 31800) AMS3180 EVERLUBE 810 CO2-049 MOLY DAG-254N CP2686 HIGH TEMP PRIMER BAC5710 TYPE 51 WHITE PAINT PART A PRIAM32005 PART A-WHITE HARDNER PRIAM32		
PAINT EPOXY POLYAMIDE BLACK CO3-010 MIL-C-22750 CO3-069 PAINT PLYTHE BLACK CO3-069 MIL-C-85285 BLACK CO3-018 PAINT PLYTHE BLACK CO3-018 MIL-C-85285 WHITE CO3-018 THINNER POLYURETHANE PMC1685-T78A PTFE PMC79718 POLYURETHANE PRIMER 4056 PWA36509 POLYURETHANE COATING 4056 PWA36510 PRIMER BR -127 BR -127 ECOPRIME GREEN PWA(36519-2) PWA36519-2 LUBRICANT RESINBOND MIL-C-46010 (4152 MOUNT) MIL-C-46010 GREEN PRIMER BMS 10-11 BMS 10-11 TEFLON S PWA 36038 FLOROELASTOMER COATING (BLACK) PWA 36516-1 FLOROELASTOMER COATING (WHITE) PWA 36516-3 TOULENE (AMS 31800) AMS3180 EVERLUBE 810 CO2-049 MOLY DAG-254N CP2686 HIGH TEMP PRIMER BAC5710 TYPE 51 WHITE PAINT PART A PRIAM32005 PART A-WHITE HARDNER PRIAM32005 PART B DRY FILM LUBRICANT CP 2232		
MIL-C-22750 C03-069 PAINT PLYTHE BLACK C03-069 MIL-C-85285 BLACK C03-018 MIL-C-85285 WHITE THINNER PLYTHE BLACK MIL-C-85285 WHITE PMC1685-T78A PTFE PMC79718 POLYURETHANE PRIMER 4056 PWA36509 POLYURETHANE COATING 4056 PWA36510 PRIMER BR - 127 BR -127 ECOPRIME GREEN PWA(36519-2) PWA36519-2 LUBRICANT RESINBOND MIL-C-46010 (4152 MOUNT) MIL-C-46010 GREEN PRIMER BMS 10-11 BMS 10-11 TEFLON S PWA 36038 FLOROELASTOMER COATING (BLACK) PWA 36516-1 FLOROELASTOMER COATING (WHITE) PWA 36516-3 TOULENE (AMS 31800) AMS3180 EVERLUBE 810 C02-049 MOLY DAG-254N CP2686 HIGH TEMP PRIMER BAC5710 TYPE 51 WHITE PAINT PART A PRIAM32005 PART A-WHITE HARDNER PRIAM32005 PART B DRY FILM LUBRICANT CP 2232		
PAINT PLYTHE BLACK CO3-069 MIL-C-85285 BLACK CO3-018 PAINT PLYTHE BLACK CO3-018 MIL-C-85285 WHITE PMC1685-T78A THINNER POLYURETHANE PMC1685-T78A PTFE PMC79718 POLYURETHANE PRIMER 4056 PWA36509 POLYURETHANE COATING 4056 PWA36510 PRIMER BR -127 BR -127 ECOPRIME GREEN PWA(36519-2) PWA36519-2 LUBRICANT RESINBOND MIL-C-46010 (4152 MOUNT) MIL-C-46010 GREEN PRIMER BMS 10-11 BMS 10-11 TEFLON S PWA 36038 FLOROELASTOMER COATING (BLACK) PWA 36516-1 FLOROELASTOMER COATING (WHITE) PWA 36516-3 TOULENE (AMS 31800) AMS3180 EVERLUBE 810 CO2-049 MOLY DAG-254N CP2686 HIGH TEMP PRIMER BAC5710 TYPE 51 WHITE PAINT PART A PRIAM32005 PART A-WHITE HARDNER PRIAM32005 PART B DRY FILM LUBRICANT CP 2232		555 515
MIL-C-85285 BLACK CO3-018 PAINT PLYTHE BLACK CO3-018 MIL-C-85285 WHITE PMC1685-T78A PTFE PMC79718 POLYURETHANE PRIMER 4056 PWA36509 POLYURETHANE COATING 4056 PWA36510 PRIMER BR -127 BR -127 ECOPRIME GREEN PWA(36519-2) PWA36519-2 LUBRICANT RESINBOND MIL-C-46010 (4152 MOUNT) MIL-C-46010 GREEN PRIMER BMS 10-11 BMS 10-11 TEFLON S PWA 36038 FLOROELASTOMER COATING (BLACK) PWA 36516-1 FLOROELASTOMER COATING (WHITE) PWA 36516-3 TOULENE (AMS 31800) AMS3180 EVERLUBE 810 CO2-049 MOLY DAG-254N CP2686 HIGH TEMP PRIMER BAC5710 TYPE 51 WHITE PAINT PART A PRIAM32005 PART A-WHITE HARDNER PRIAM32005 PART B DRY FILM LUBRICANT CP 2232		CO3-069
PAINT PLYTHE BLACK CO3-018 MIL-C-85285 WHITE PMC1685-T78A THINNER POLYURETHANE PMC79718 POLYURETHANE PRIMER 4056 PWA36509 POLYURETHANE COATING 4056 PWA36510 PRIMER BR -127 BR -127 ECOPRIME GREEN PWA(36519-2) PWA36519-2 LUBRICANT RESINBOND MIL-C-46010 (4152 MOUNT) BMS 10-11 GREEN PRIMER BMS 10-11 BMS 10-11 TEFLON S PWA 36038 FLOROELASTOMER COATING (BLACK) PWA 36516-1 FLOROELASTOMER COATING (WHITE) PWA 36516-3 TOULENE (AMS 31800) AMS3180 EVERLUBE 810 CO2-049 MOLY DAG-254N CP2686 HIGH TEMP PRIMER BAC5710 TYPE 51 WHITE PAINT PART A PRIAM32005 PART A-WHITE HARDNER PRIAM32005 PART B DRY FILM LUBRICANT CP 2232		
MIL-C-85285 WHITE PMC1685-T78A PTFE PMC79718 POLYURETHANE PRIMER 4056 PWA36509 POLYURETHANE COATING 4056 PWA36510 PRIMER BR -127 BR -127 ECOPRIME GREEN PWA(36519-2) PWA36519-2 LUBRICANT RESINBOND (4152 MOUNT) MIL-C-46010 GREEN PRIMER BMS 10-11 BMS 10-11 TEFLON S PWA 36038 FLOROELASTOMER COATING (BLACK) PWA 36516-1 FLOROELASTOMER COATING (WHITE) PWA 36516-3 TOULENE (AMS 31800) AMS3180 EVERLUBE 810 CO2-049 MOLY DAG-254N CP2686 HIGH TEMP PRIMER BAC5710 TYPE 51 WHITE PAINT PART A PRIAM32005 PART A-WHITE HARDNER PRIAM32005 PART B DRY FILM LUBRICANT CP 2232		CO3-018
THINNER POLYURETHANE PTFE PMC79718 POLYURETHANE PRIMER 4056 POLYURETHANE COATING 4056 POLYURETHANE COATING 4056 PRIMER BR -127 BR -127 ECOPRIME GREEN PWA(36519-2) LUBRICANT RESINBOND (4152 MOUNT) GREEN PRIMER BMS 10-11 BMS 10-11 TEFLON S FLOROELASTOMER COATING (BLACK) FLOROELASTOMER COATING (WHITE) FLOROELASTOMER COATING (WHITE) TOULENE (AMS 31800) EVERLUBE 810 MOLY DAG-254N HIGH TEMP PRIMER BAC5710 TYPE 51 WHITE PAINT PART A PRIAM32005 PART B DRY FILM LUBRICANT PWA36509 PWA36510-1 PMC1685-T78A PMC36519-2 PWA36519-2 PWA36519-2 PWA36519-2 PWA36519-2 PWA36519-1 PWA 36516-1 PWA 36516-1 PWA 36516-1 PWA 36516-3 PWA 36516-1 PWA 36516-3 PWA 36516-3 PWA 36516-1 PW		
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CAPABILITY LIST	AIESL CAP/02		
CATABLETT LIST	PART 3		SECTION 10
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3.10 PAINTING

DESCRIPTION	SPECIFICATION
REDUCER MIL-T-81772	C04-029
EPOXY PRIMER	C03-079(44WL)
PTFE LUBRICANT VARNISH	CP2328
PRESSURE SENSITIVE TAPE NO 250	CP2233
KRYLON 1601	KRYLON1601
BLACK PAINT PART A	PRIAM 32005 PART-A402310 MATT BLACK
PRIMER	PRIAM-PCE211-M1PART-A
HARDNER FOR PRIMER	PRIAM-PCE211-M1PART-B
CORROSION PREVENTIVE COMPOUND(TECTYL437D)	MIL-PRF-11796CL3
BALCK PAINT	C03-076
PAINT EPOXY GRAY	C03-034