



**VARMAN AVIATION PRIVATE LIMITED  
MAINTENANCE ORGANIZATION EXPOSITION**

**PART 1 MANAGEMENT**

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Issue No: 3

Date: May, 2017

Revision No: 3

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Annexure No. 1

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**CAPABILITY LIST**

Sl. No.	Class	Rating	Nomenclature	Engine Type/ Model	Part No./Detail	Scope of Approval	
1.	Engine	B1	Turbine Engine	PT 6A-21	3027500	Repair, overhaul & testing of engine excluding propeller and accessories.	
				PT 6A-27	3015000		
				PT6A-42	3030700		
				PT6A-42A	3120055-01		
2.	Engine	B2	Lycoming piston engines ( Up to 300 HP)	O/IO-360 series O-235 Series O/IO-540 Series O-320 Series	a) IO-360A1B6, b) IO-360-C1A6D, c) IO-360-L2A, d) IO-360-M1A, e) IO-360-M1A, f) AEIO-360-A1B6, g) O-360-B2C, h) O-360-A1G6D, j) LO-360-A1G6D. k) O-235 L2C & O-235-N2C l) IO-540-C4D5D, IO-540-AE1A5, O-540-J3A5, O-540-F1B5 m) O-320-D2J	Repair / overhaul of engine including Fuel accessories, excluding propellers.	
				Continental Piston Engines (Up to 300 BHP)	TSIO-520 Series IO-550 Series	a) LTSIO 520 AE2 b) IO-550-C31B c) IO-550-N48B	Repair / overhaul of engine including Fuel accessories, excluding propellers.
				ROTAX Piston engine ( Up to 300 HP)	ROTAX 912A/F/S	a) ROTAX912 A1,A2,A3& A4 b) ROTAX 912 F2, F3 & F4 c) ROTAX 912 S2,S3 & S4	Repair / overhaul of engine including Fuel accessories, excluding propellers.

DGCA approval

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**RAJENDRA SONI**  
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**CAPABILITY LIST**

Sl.No.	Class	Rating	Nomenclature	Engine Type/ Model	Part No./Detail	Scope of Approval
3	Components Other than Complete engine	C7 Engine – APU Electrical	Magneto (Slick)	4300 series 6300 series Ref: Manual L-1363C (CMM for 4300 & 6300 series). ( Piston Engine)	Models of 4300 series covered in the CMM. Refer CMM. Models of 6300 series covered in the CMM. Refer CMM.	Overhaul and 500 hrs inspection
			Magneto (Bendix)	D-3000/ 3200 series, Ref Manual x-42003 ( Piston Engine)	Models: D6LN-3000, D4LN-3000, D4RN- 3000, D6RN-3000	Overhaul and 500 hrs inspection
				S20/S25/S-200 Series Ref: Manual X- 42002-1 ( Piston Engine)	Models: S-21, S4RN- 21, S6RN-25, S6RSC- 25, S6LN-25, S6L2, S6LSC-200, S6LSC- 204	
				S-600 Series ( Piston Engine)	Model: S6RN-600	
			Starter (Hartzell Engine Technologies: Ref Manual OE A2 6*)	S-1200 Series ( Piston Engine)	S6RN-1225, S6RN- 1205, S6RN-1201	Overhaul and 500 hrs inspection
				ES-2001 Series ( Piston Engine)	MMU4001, MMU6001	
				ES-2002 Series ( Piston Engine)	MHB4016/6016, MZ4222, MZ6222, MZR6016, MHR4015	
						Magnalite starter ES-2003 Series (Piston Engine)

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*S. R. Nijalingappa*  
21/06/18

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DDAW O/o DDG, BLR





**CAPABILITY LIST**

Sl.No.	Class	Rating	Nomenclature	Engine Type/ Model	Part No./Detail	Scope of Approval
4	Components Other than Complete Engine	C7 Engine- APU. Fuel & Control	Carburettor	Marvel Schebler (Piston Engine)	MA-3A, MA-3PA, MA-3SPA & MA-4SPA	Overhaul & bench check
				ROTAX (Piston Engine)	ROTAX A/F 892500 & 892505 ROTAX 912 S 892530 & 982535	
			Fuel Injector	Bendix Precision Fuel injector (Piston Engine)	RSA-5AD1 & RSA-10ED1	
			Fuel Flow Divider	Bendix Precision Flow Divider (Piston Engine)	Part No.-2524232-2, 2576526-1 2576564-1	
			Fuel Nozzle Assy.	PT 6A-21 /27 (Turboprop engine) PT42 / 42A (Turboprop engine)	Fuel nozzle assembly consisting of detail parts like nozzle, adapter etc. Listed in current IPC	
5	Components Other than Complete Engine	C7 Engine- APU. Engine	Compressor Turbine Disk Assy.	PT 6A-21 / 27 (Turboprop engine)	Compressor turbine assembly consisting of detail parts like turbine disk, turbine blade etc. listed in current IPC.	Repair (excluding component level repair), overhaul, testing.
				PT6A- 42 / 42A (Turboprop engine)		
			Power Turbine Disk Assy.	PT 6A-21/27 (Turboprop engine)	Power turbine assembly consisting of detail parts like turbine disk, turbine blade etc. listed in current IPC.	
				PT6A- 42 / 42A (Turboprop engine)		
6	Components Other than Complete Engine	C5 Engine- APU. Electrical Power	Alternator (Belt Driven) Hartzell engine technologies Ref Manual OE A2-6*	ES-1001 series (Piston Engine)	ALE, ALH, ALT8407, ALU8521LS ,ALX8421LX, ALY, ALZ & ANG611503-0102	Overhaul and 500 hrs inspection
				ES-1006 series (Piston Engine)	DOFF10300, BES4000/LS, 4005, 4005-2, 4007, 4009/LS, 4021, 4023, 40024/L/LP, 4030	
				ES-1008 series Large frame belt driven (Piston Engine)	ES4003/LS, 4011/LS, 4011-1/LS,4014, 4016, 4019/LS, 4019-2/LS, 4022, E3FF10344A, 9910591-7, 9910591-11RX	

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Sl.No.	Class	Rating	Nomenclature	Engine Type/ Model	Part No./Detail	Scope of Approval
7	Components Other than Complete Engine	C7 Engine APU-Bleed Air	Bleed Valve Assy.	PT 6A-21	3022566, 3029174, 3100829-01, 3100829-03.	Repair (excluding component level repair), overhaul, testing.
				PT 6A-27	3022566, 3029174, 3100829-01, 3100829-03, 3011765, 3022095, 3024060.	
				PT6A-42 / 42A	3100922-01, 3100922-05, 3123122-01, 3100923-01, 3100923-02, 3123123-01	
8	Specialised Services	D1 NDT	Fluorescent Penetrant Inspection(FPI) & Magnetic Partical Inspection	Piston engine covered under VAPL Scope of Work	All the parts Covered in the engine	FPI as per ASTM-E1417 (latest Rev.) & MPI as per ASTM E1444 (latest Rev.)  1. Fluorescent Penetrant processes as per P&W Standard Practice Manual Section 70.33.00(ref)SPOP 62, SPOP 82, SPOP 84.  2. Magnetic particle inspection as per P&W Standard Practice Manual section 70.32.00 (ref)SPOP 101, SPOP102, SPOP 103, SPOP 105, SPOP 106, SPOP 107 & SPOP 115.
				PT6A engine covered under VAPL Scope of Work	All the parts Covered in the engine	
				Components/Parts received from outside customers	As per the document supplied by the Customer	

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