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VARMAN AVIATION PRIVATE LIMITED
BENGALURU, INDIA

CAPABILITY LIST
(MALDIVES CIVIL AVIATION AUTHORITY)

Document No. VAPL/CL/6001

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CAPABILITY LIST						
Sl. No	Class	Rating	Nomenclature	Engine types	Model Detail	Scope of Approval
1.	Engine	B1	Turbine Engine	Turboprop Engine PT6A Series	PT6A-21	Repair, overhaul & testing of engine excluding propeller and accessories.
					PT6A-27	
					PT6A-34	
2.	Engine	B2	Lycoming piston Engines (up to 300 HP)	O/IO-360 series	All variants of the Types covered Service Letter SL 114 having common Overhaul Manual Part No: 60294-7 (Latest Revision).	Repair/Overhaul and testing of engine including Fuel accessories, Excluding propellers.
				O-235 series		
			O/IO-540 series	IO-360 series	IO-360-M1A	
O-320 series						
			ROTAX Piston Engine (Up to 300 HP)	ROTAX 912A/F/S Series	All variants of 912A/F/S Series	Repair/Overhaul and testing of engine including Fuel accessories, Excluding propellers.



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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/ 500 hrs inspection and bench check
			Magneto (Bendix)	D-3000/3200 series, Ref manual X-42003 (Piston Engine)	Models: D6LN-3000, D4LN-3000, D4RN-3000, D6RN-3000.	Overhaul/ 500 hrs inspection and bench check
			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		
			S-1200 Series (Piston Engine)	S6RN-1225, S6RN-1205, S6RN-1201		
			Starter (Hartzell Engine Technologies: Ref manual OE A2)	ES-2001 Series (Piston Engine)	MMU4001, MMU6001	Overhaul/ 500 hrs inspection and bench check
			ES-2002 Series (Piston Engine)	MHB4016/6016, MZ4222, MZ6222, MZR6016, MHR4015		
			ES-2003 Series (Piston Engine)	BC315-100-2		



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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	ROTAX (Piston Engine)	ROTAX A/F 892500 & 892505 ROTAX 912 S 892530 & 982535	Overhaul & bench check
			Fuel Nozzle Assy.	PT 6A-21/27/34 (Turboprop engine)	Fuel nozzle assembly consisting of detail parts like nozzle, adapter etc. Listed in current IPC	Repair (excluding component level repair), overhaul, testing.
5	Components Other than Complete engine	C7 Engine-APU Engine	Compressor Turbine Disk Assy.	PT 6A-21/27/34 (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.
			Power Turbine Disk Assy.	PT 6A-21/27/34 (Turboprop engine)	Power turbine assembly consisting of detail parts like turbine disk, turbine blade etc. listed in current IPC	
			Power Section Module	PT 6A-21/27/34 (Turboprop engine)	The detail parts covered in the Illustrated Parts Catalogues of respective models.	
			Accessory Gear Box Module			
			Gas Generator Module including Hot Section			
6	Components Other than Complete engine	C7 Engine APU- Bleed Air	Bleed Valve Assy.	PT 6A-21	Units covered in the respective Illustrated Parts Catalogue of the model.	Repair (excluding component level repair), overhaul, testing as per the respective Overhaul Manual of the models.
				PT 6A-27		
				PT6A-34		



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Sl. No	Class	Rating	Nomenclature	Engine type/Model	Part No./ Detail	Scope of Approval
7	Specialized Services	D1 NDT	Fluorescent Penetrant Inspection (FPI) & Magnetic Particle Inspection (MPI)	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.]
				PT-6A Series engine covered under VAPL Scope of Work	All the parts covered in the engine	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, SPOP 102, SPOP 103, SPOP 105, SPOP 106, SPOP 107 & SPOP 115
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