

SRI LANKA AIR FORCE
DETAILED CATEGORY LIST YEAR 2025:
AIRCRAFT MAINTENANCE, SPARE PARTS, COMPONENTS AND SERVICES

Category	Description	
1-MRO	1. AIRCRAFT MAINTENANCE & OVERHAUL	
	1.1	Engine MRO:
		1.1.1 Engine Overhaul & Repair
		1.1.2 Engine Module Maintenance
		1.1.3 Engine Testing and Calibration
		1.1.4 Engine Condition Monitoring and Diagnostics
	1.2	Airframe MRO
		1.2.1 Airframe Maintenance & Overhaul
		1.2.2 Structural Repairs
		1.2.3 Composite Repairs
		1.2.4 Corrosion Control
		1.2.5 Aircraft Painting and Refurbishment
	1.3	Avionics MRO
		1.3.1 Avionics Overhaul & Repair
		1.3.2 Communication Systems MRO
		1.3.3 Navigation Systems MRO
		1.3.4 Radar Systems MRO
		1.3.5 Electronic Warfare Systems MRO
		1.3.6 Flight Management Systems MRO
	1.4	Rotor Systems MRO
		1.4.1 Rotor Blade Overhaul & Repair
		1.4.2 Rotor Assembly Maintenance
		1.4.3 Tail Rotor Maintenance
1.5	Landing Gear MRO	
	1.5.1 Landing Gear Overhaul & Repair	
	1.5.2 Landing Gear Component Testing	
1.6	Life Cycle Management	
	1.6.1 Periodic Depot Maintenance (PDM)	
	1.6.2 Life Extension Programs	
1.7	Aircraft Modifications and Upgrades	
	1.7.1 Avionics Upgrades	
	1.7.2 Structural Modifications	
	1.7.3 Interior Refurbishment	
	2. COMPONENT MAINTENANCE, REPAIR, AND POOL EXCHANGE	
2.1	Hydraulic Systems	
	2.1.1	Hydraulic Component MRO
	2.1.2	Hydraulic System Testing & Calibration
	2.1.3	Hydraulic Hose Manufacturing and Testing
2.2	Electrical Systems	
	2.2.1	Electrical Component MRO

2-CMRO			
		2.2.2	Electrical Systems Testing & Calibration
		2.2.3	Wiring Harness Repair and Manufacturing
	2.3	Flight Control Systems	
		2.3.1	Flight Control Surface MRO
		2.3.2	Flight Control System Testing & Calibration
		2.3.3	Actuator Overhaul and Repair
	2.4	Propeller Systems	
		2.4.1	Propeller Overhaul & Repair
		2.4.2	Propeller Balancing
	2.5	Pneumatic Systems	
		2.5.1	Pneumatic Component MRO
		2.5.2	Pneumatic System Testing & Calibration
	2.6	Oxygen Systems	
		2.6.1	Hydrostatic Testing and Repair of Oxygen Systems
		2.6.2	Oxygen Regulator Overhaul
	2.7	Landing Gear/Wheels and Brakes	
		2.7.1	Wheel and Brake Overhaul and Repair
		2.7.2	Brake Component Testing
		2.7.3	Actuator overhaul and repair
	2.8	Navigation & Communication Equipment	
		2.8.1	Navigation Equipment MRO
		2.8.2	Communication Equipment MRO
		2.8.3	Transponder Calibration and Repair
	2.9	Electronic Warfare Systems	
		2.9.1	Electronic Warfare Systems MRO
	2.10	Fuel Systems	
		2.10.1	Fuel Systems MRO
		2.10.2	Fuel Nozzle Testing and Repair
	2.11	Search and Rescue (SAR) Equipment MRO	
		2.11.1	Life Raft Servicing and Repair
		2.11.2	Emergency Locator Transmitter (ELT) Maintenance
2.12	Calibration Services:		
	2.12.1	Calibration of Avionics Equipment	
	2.12.2	Calibration of Mechanical Equipment	
	2.12.3	Calibration of Test Equipment	
2.13	Ejection Seat Systems		
	2.13.1	Ejection Seat Overhaul and Repair	
	2.13.2	Ejection Seat Component Testing and Certification	
	2.13.3	Parachute Packing and Inspection	
	2.13.3	Pyrotechnic Component Replacement	
	2.13.4	Ejection Seat Sequencing and Control System MRO	
	3.	SPARE PARTS SUPPLY	
	3.1	Airframe Components	
		3.1.1	Structural Components
		3.1.2	Control Surfaces
		3.1.3	Composite Materials

3-SPRS		3.1.4	Windows and Canopies
	3.2	Engine Components	
		3.2.1	Engine Spares
		3.2.2	Engine Modules
		3.2.3	Fuel System Components
		3.2.4	Engine-Specific Tooling and Equipment
		3.2.5	Engine Mounts and Vibration Isolation
		3.2.6	Engine Starting System Components
		3.2.7	Engine Control System Components
		3.2.8	Engine Test cell supply
	3.3	Avionics Equipment	
		3.3.1	Communication Systems
		3.3.2	Navigation Systems
		3.3.3	Radar Components
		3.3.4	Electronic Warfare Systems
	3.4	Propeller & Rotor Assemblies	
		3.4.1	Propeller Components
		3.4.2	Rotor Components
	3.5	Consumables (SPRS-CNS)	
		3.5.1	Oils, Lubricants, & Greases
		3.5.2	Adhesives & Sealants
		3.5.3	Cleaning Agents
		3.5.4	Filters
		3.5.5	Hoses and Fittings
	3.6	Landing Gear Components	
		3.6.1	Aircraft Tyres
		3.6.2	Wheels and Brakes Components
		3.6.3	Struts and Dampers
	3.7	Electrical Parts	
		3.7.1	Electrical Components
		3.7.2	Wiring and Connectors
		3.7.3	Batteries
3.8	AGS Spares		
3.9	Safety Equipment Spares:		
	3.9.1	Fire Extinguishers	
	3.9.2	Oxygen Masks	
3.10	Ejection Seat Systems		
	3.10.1	Complete Ejection Seat Assemblies	
	3.10.2	Ejection Seat Components (harnesses, actuators, pyrotechnics, etc.)	
	4.	UAV/DRONE SYSTEMS	
	4.1	UAV/Drone MRO	
		4.1.1	Airframe MRO
		4.1.2	Engine MRO (if applicable)
		4.1.3	Electrical Systems MRO
		4.1.4	Electronics MRO
		4.1.5	Sensor Repair and Calibration

4-UAV	4.2	Spare Parts Supply	
		4.2.1	Airframe Components
		4.2.2	Motors
		4.2.3	Control Systems
		4.2.4	Batteries
		4.2.5	Propellers
		4.2.6	Sensors
		4.2.7	Communication Systems
		4.2.8	Navigation Systems
	4.3	Training & Support	
	4.3.1	Remote Operation Training	
	4.3.2	Maintenance Training	
	4.3.3	Data Analysis Training	
4.4	Payload Systems		
	4.4.1	Payload Component Supply	
	4.4.2	Payload MRO	
5-RDRS	5.	RADAR SYSTEMS	
	5.1	Radar MRO	
		5.1.1	Radar Maintenance & Repair
		5.1.2	Radar Calibration
		5.1.3	Air Traffic Control (ATC) Systems MRO
	5.2	Spare Parts Supply	
	5.2.1	Radar Components	
	5.2.2	Air Traffic Control (ATC) Components	
6-TTES	6.	TOOLS, TEST EQUIPMENT, AND SAFETY GEAR	
	6.1	Tools & Test Equipment	
		6.1.1	Specialized Maintenance Tools
		6.1.2	Avionics Test Equipment
		6.1.3	Engine Test Equipment
		6.1.4	Hydraulic and Pneumatic Test Equipment
		6.1.5	Calibration Services
	6.2	Safety Equipment	
		6.2.1	Fire Suppression Systems
		6.2.2	Personal Protective Equipment (PPE)
	6.2.3	Survival Equipment	
	6.2.4	Oxygen Systems	
7-TRPU	7.	TRAINING & PUBLICATIONS	
	7.1	Technical Training	
		7.1.1	Aircraft Maintenance Training
		7.1.2	Avionics Training
		7.1.3	Radar Systems Training
		7.1.4	Engine Training
		7.1.5	UAV / Drone Training
		7.1.6	Safety Training
7.2	Operational Training		

		7.2.1	Pilot Training
		7.2.2	UAV / Drone Operation Training
	7.3	Publications and Manuals	
		7.3.1	Maintenance Manuals
		7.3.2	Illustrated Parts Catalogues (IPCs)
		7.3.3	Service Bulletins
		7.3.4	Wiring Diagrams
		7.3.5	Online Publications
8. NDT AND DIAGNOSTICS SERVICES			
8-NDTS	8.1	NDT Services	
		8.1.1	X-ray Inspection
		8.1.2	Ultrasonic Testing
		8.1.3	Magnetic Particle Inspection
		8.1.4	Dye Penetrant Inspection
		8.1.5	Eddy Current Testing
	8.2	Predictive Maintenance	
		8.2.1	Vibration Analysis
	8.2.2	Oil Analysis	
9. AIRFIELD SUPPORT EQUIPMENT			
9-AFSE	9.1	Ground Support Equipment	
		9.1.1	Ground Power Units (GPUs)
		9.1.2	Aircraft Towing Equipment
		9.1.3	Aircraft Stands and Platforms
		9.1.4	Fuelling Systems
		9.1.5	Airfield Lighting
	9.2	Ground Support Equipment Maintenance & Repair	
		9.2.1	Aircraft Tow Tractors
		9.2.2	Hydraulic Test Stands
	9.2.3	Ground Power Units (GPU)	
10. SOFTWARE SUPPLY AND MAINTENANCE			
10-SOFT	10.1	Aircraft management system software maintenance	
	10.2	Flight planning software maintenance	
	10.3	Air traffic control software maintenance and supply	
	10.4	Software Upgrades and Licensing	
	10.5	Software Customization and Integration	
11. CREW SYSTEMS AND EQUIPMENT			
11-CREW	11.1	Pilot Helmets and Visors	
	11.2	Heads-Up Displays (HUDs)	
	11.3	Flight Suits and Gear	
	11.4	Oxygen Masks and Systems	
	11.5	Ejection Seat Components	
	11.6	Night Vision Goggles (NVGs)	
	11.7	Flight Crew Personal Protective Equipment (PPE)	
	11.8	Crew Communication Systems (Intercoms, Headsets)	