SRI LANKA AIR FORCE
DETAILED CATEGORY LIST YEAR 2027

1. AIRCRAFT MAINTENANCE & OVERHAUL (MRO)

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 (CMRO)

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
- 2.2.2 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 (SPRS)

3.1 Airframe Components

3.1.1 Structural Components

3.1.2 Control Surfaces

3.1.3 Composite Materials

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

3.3.5 PCM link equipment

3.3.6 IP PABX equipment

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 (UAV)

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

4.2 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. RADAR SYSTEMS (RDRS)

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. TOOLS, TEST EQUIPMENT, AND SAFETY GEAR (TTES)

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. TRAINING & PUBLICATIONS (TRPU)

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

7.1.7 Baggage scanners training

7.1.8 IP PABX and PCM link equipment training.

7.2 Operational Training

7.2.1 Pilot Training

7.2.2 UAV / Drone Operation Training

7.2.3 Ground Communication & test/Measuring equipment 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 (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 (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 (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 (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)

12. ARMAMENT RELATED GOODS (AARM)

12.1 Aircraft Armament Related Goods

12.1.1 Aircraft Guns and Cannons
12.1.2 Gun Pods and Gun Mountings
12.1.3 Aircraft Ammunition and Ammunition Feed Systems
12.1.4 Aerial Bombs and Bomb Components
12.1.5 Aircraft Rockets and Rocket Launchers
12.1.6 Guided Missiles (Air-to-Air and Air-to-Surface)
12.1.7 Bomb Racks, Pylons and Ejector Release Units
12.1.8 Stores Management and Armament Control Systems
12.1.9 Pyrotechnics and Cartridge/Propellant Actuated Devices
12.1.10 Armament Handling, Loading and Test Equipment
12.1.11 Armament Spare Parts Supply
12.1.12 Armament Maintenance, Repair and Overhaul (MRO) Services

12.2 Small Arms, Ground Weapons and Accessories

12.2.1 Personnel Small Arms (Pistols, Rifles, Carbines)
12.2.2 Crew-Served and Support Weapons (Machine Guns, Grenade Launchers)
12.2.3 Ground Weapon Mountings, Tripods and Pintles
12.2.4 Weapon Sights, Optics and Aiming Devices
12.2.5 Small Arms Ammunition
12.2.6 Grenades, Pyrotechnics and Signal Stores
12.2.7 Weapon Cleaning, Tools and Maintenance Kits
12.2.8 Weapon Accessories (Slings, Magazines, Holsters, Spares)
12.2.9 Armoury and Secure Storage Equipment
12.2.10 Small Arms Repair, Servicing and Spare Parts
12.2.10 Air Defence Armament

12.3 Explosives

12.3.1 Low Explosives

12.3.2 High Explosives

12.3.3 Pyrotechnics

12.3.4 Explosive Accessories

12.4 Chemicals

12.4.1 Electroplating Chemicals

12.4.2 Acids and Bases

12.4.3 Solvents

12.4.4 Agricultural Chemicals

12.4.5 Miscellaneous Chemicals

13. GROUND SAFETY & SECURITY EQUIPMENT (GSSE)

13.1 Fire, Diving, Safety and Special Military Security Items

13.1.1 Sea Safety Equipment

13.1.2 Air Safety Equipment

13.1.3 Ground Safety Equipment (Security)

13.1.4 Diving Equipment

13.1.5 Special Military Security Items

13.1.6 Combat & Tents Items

13.1.7 Safety Equipment General Engineering Work Shop

13.1.8 X - Ray Scanners (Security)

13.1.9 Search and Rescue Equipment and Spares

13.1.10 Day Binocular, Range Finder Binocular and Equipment

13.1.11 Para Jumping Equipment and Related Accessories

13.1.12 CBRNE Equipment and Related Accessories

13.1.13 Motor Vehicles

13.1.14 Personnel Protective Equipment

13.1.15 Dogs and Their Items

13.2 Repair & Spares for Electronic Warfare Systems

13.2.1 Screening Machines and Associated Accessories

13.2.2 Ground Base Navigation Equipment and Associated Accessories

13.2.3 Communication /Electronic Equipment

13.2.4 Repairs of X- Ray Scanners

13.2.5 Electrical Appliances, Fittings and Accessories including

14. MATERIAL, FOOTWARE, CLOTHING, UNIFORMS, FLAGS & ACCESSORIES (CLO)

14.1 Materials
14.2 Uniforms & Accessories
14.3 Other Garments
14.4 Beddings
14.5 Badges
14.6 Traffic Equipment, Accoutrements & Headgear
14.7 Items Aircrew
14.8 Flags
14.9 Leather, Rubber & Canvas Products

15. MEDICAL EQUIPMENT & DRUGS (MED)

15.1 Pharmaceutical & Other General Items
15.2 Dental Chairs, Equipment's, Chemicals and Accessories
15.3 Veterinary Equipment and Drugs
15.4 X-Ray Instruments and Accessories and Films
15.5 All Medical Equipment & Accessories
15.6 Surgical Consumables