

Hava Aracı Pratik Tecrübe ve İşbaşı Eğitimi Bakım İşlemleri Listesi

1. Türbin Motorlu Uçaklar (A1 & B1.1)

- 05-00 Time limits/Maintenance checks
- Perform preflight/daily check
 - Check aircraft against equipment list
 - Apply/assist zonal inspection programme in “B” or “C” check (transport category aircraft)
 - Assist carrying out a non-scheduled maintenance check i.a.w. AMM
 - Assist to fill out aircraft maintenance log book for hold item
 - Apply any airworthiness directive
 - Review records for compliance with component life limits
 - Apply/assist an inspection procedure following such as hard/side load landing, bird/hail strike etc.
 - Apply/assist an inspection procedure following lightning strike
- 06-00 Dimensions/Areas
- Locate component(s) by zone/station number
 - Perform symmetry check
- 07-00 Lifting and Shoring
- Assist in: Jack aircraft main or nose wheel
 - Assist in: Jack complete aircraft
 - Assist in: Sling or trestle major component
- 08-00 Levelling/Weighing
- Manage leveling of aircraft
 - Assist in weighing of aircraft
 - Prepare aircraft for weighing
- 09-00 Towing and Taxiing
- Prepare for aircraft towing
 - Be part of aircraft towing team (on ground)
 - Be part of aircraft towing team (in cockpit)
- 10-00 Parking and Mooring
- Park, secure and cover aircraft
 - Secure engine rotor blades
 - Assist in position aircraft in maintenance dock
- 11-00 Placards and Markings
- Check aircraft for correct placards
 - Check aircraft for correct markings
- 12-00 Servicing
- Refuel aircraft (pressure)
 - Defuel aircraft (pressure)
 - Check/adjust tire pressures
 - Check/replenish engine oil level
 - Check/replenish IDG/CSD oil level
 - Check/replenish hydraulic fluid level
 - Lubricate flight controls (flap, slat, elevator, rudder or aileron)
 - Lubricate landing gear & doors
 - Check/replenish accumulator pressure
 - Connect electrical ground power
 - Establish air starter

- Service toilet/potable water system
- 20-00 Standart Practices
 - Check bonding
 - Change bonding strips
 - Repair faulty wiring
 - Repair connector
 - Perform grounding aircraft
 - Prepare and apply sealant
 - Repair hose/pipe
 - Implement ESDS procedures
 - Wear-out screw
- 21-00 Air Conditioning
 - Check operation of air conditioning system
 - Replace flow control valve
 - Replace air cooling system component (reheater, extractor, condenser etc)
 - Check/replenish air cycle unit oil
 - Replace heat exchanger
 - Replace cabin blower/recirculation fan
 - Replace recirculation filter
 - Functionally test pack temperature control
 - Functionally test trim/hot air valves
 - De-activate/re-activate pack temperature control
 - Replace zone temperature sensor
 - Check operation of pressurisation system
 - Replace pressurisation controller
 - Clean outflow valve
 - Functionally test outflow valve operation
 - Replace safety valve
 - De-activate/re-activate cargo isolation valve
 - De-activate/re-activate avionics ventilation components
 - Troubleshoot faulty system
- 22-00 Auto flight
 - Check flight management systems
 - Install hydraulical servos
 - Rig bridle cables
 - Replace control panel
 - Replacement of the auto flight system LRUs in case of fly-by-wire aircraft
- 23-00 Communications
 - Replace HF/VHF com unit
 - Replace static discharge wicks
 - Check operation of radios
 - Perform operational check of passenger address system
 - Functionally check audio integrating system
 - Check flight/service interphone system
 - Check flight/ground crew call system
 - Check ELT for compliance with regulations
 - Troubleshoot faulty system

24-00 Electrical Power

- Assist in: Charge lead/acid battery (emerg)
- Assist in: Charge Ni-Cad battery
- Change emergency battery/ power supply
- Replace integrated drive generator/constant speed drive/generator
- Replace IDG/ CSD oil cooler
- Replace IDG/ CSD filter
- Check AC/DC voltage indication
- Replace relay
- Replace switch
- Replace circuit breaker
- Adjust voltage regulator
- Change voltage regulator
- Amend electrical load analysis report
- Repair/replace electrical feeder cable
- Replace T/R unit
- Replace engine generator control unit
- Replace inverter
- Perform functional check of integrated drive generator/constant speed drive/generator
- Perform functional check of voltage regulator
- Perform functional check of emergency generation system
- Perform using standby power
- Troubleshoot faulty system

25-00 Equipment/Furnishings

- Replace crew seats
- Check inertia reels of crew seats
- Replace passenger seats
- Check passenger seats/belts for security
- Repair seat upholstery
- Change cabin configuration
- Remove and install ceiling and sidewall panels
- Remove and install passenger compartment floor panel
- Remove and install light covers
- Remove and install passenger service unit
- Remove/install galley
- Remove/install lavatory
- Inspect lavatory waste bin flap closure
- Repair toilet waste container
- Check cargo compartment integrity
- Check/install cargo blowout panel
- Replace cargo loading system equipment
- Test cargo loading system
- Check emergency equipment
- Check escape slide pressure
- Replace escape slides
- Replace escape ropes

26-00 Fire protection

- Check engine fire bottle contents
- Check/test operation of fire/smoke detection and warning system
- Check cabin fire extinguisher contents
- Check lavatory smoke detector system
- Install new fire bottle
- Replace fire bottle squib
- Inspect engine fire wire detection systems
- Troubleshoot faulty system

27-00 Flight Controls

- Perform flaps & slats operation
- Perform THS operation manually
- Functionally test the primary flight controls
- Functionally test the flap system
- Functionally test the side stick/control column assembly
- Functionally test of the THS
- Inspect primary flight controls and related components i.a.w. AMM
- Replace aileron/ elevator/rudder
- Replace horizontal/ vertical stabilizer
- Replace slats/ flaps
- Replace hydraulically powered flight control unit
- Replace spoiler/ air brake
- Replace tab
- Adjust tab
- Rig primary flight controls
- Adjust control cable tension
- Install control cable and fittings
- De-activate/re-activate the aileron/elevator/rudder servo control
- Troubleshoot faulty system

28-00 Fuel

- Remove/ install fuel pipes
- Perform fuel leak test from the tank
- Inspect the tank venting system
- De-activate/ re-activate fuel tank
- Functionally check the engine fuel pump system
- Carry out tank to tank fuel transfer
- Functionally check crossfeed system
- Functionally test the APU fuel pump system
- Drain water from the tank
- Replace booster pump
- Replace refuel/defuel valve
- Replace magnetic fuel level indicators
- Replace water drain valve
- De-activate/re-activate the fuel valve (refuel/ defuel, X-feed)
- Check/calculate fuel contents manually
- Check calibration of fuel quantity gauges
- Functionally check operation of the refuel/ defuel valves
- Functionally check operation of fuel dump/jettison system
- Defuel manually
- Refuel manually
- Troubleshoot faulty system

29-00 Hydraulics

- Pressurize/depressurize the hydraulic reservoir
- Perform pressurisation/depressurisation of the hydraulic system normal and auxiliary
- Remove/fix hydraulic line
- Check indicating systems
- Check filter clog indicators
- Remove and check case drain filter
- Replace filter
- Replace engine-driven pump
- Replace auxiliary pump (electrical, hydraulical or air operated)
- Inspect accumulator internal leakage
- Replace check valve/ restrictor
- Functionally check operation of fire shut off valve
- Perform operational check of emergency power source
- Perform sampling of hydraulic system fluid
- Perform bleeding by system operating
- Perform flushing of the reservoir/system
- Perform pressurization of the system with hydraulic ground cart
- Inspect external leakage
- Inspect internal leakage
- Be part of internal hydraulic leakage test team
- Troubleshoot faulty system

30-00 Ice and rain protection

- Replace anti-ice/de-ice valve
- Replace wiper motor
- Functionally test of the pitot-probe ice protection system
- Functionally test of the TAT ice protection system
- Functionally test of the wing ice protection system
- Assistance to the operational test of the engine air-intake ice protection (with engines operating)
- Check drain mast heating system
- Functionally test of cockpit windows heating system
- Troubleshoot faulty system

31-00 Indicating/recording systems

- Replace flight data recorder
- Replace clock
- Adjust clock
- Perform FDR/DFDR data retrieval
- Functionally check underwater locator beacon
- Functionally check take off/ landing warning system
- Functionally check aural warning system
- Inspect for HIRF requirements
- Start/stop EIS procedure
- Bite test of the CFDIU/CMS
- Bite test of the ECAM/EICAS
- Ground scanning of the central warning system
- Troubleshoot faulty system

32-00 Landing Gear

- Perform operational test of the landing gear & doors
- Perform gear retraction/simulation.
- Functionally check/test landing gear emergency extension
- Replace gear retraction actuator
- Replace uplock/downlock assembly
- Change bungees.
- Adjust micro switch
- Adjust proximity sensor
- Replace shock strut seals
- Perform servicing to the shock strut
- Check/service truck tilt actuator/pitch damper
- Test/replace shimmy damper
- Rig nose wheel steering
- Functionally test of the nose wheel steering system
- Replace main/nose wheel
- Replace brake unit
- De-activate brake unit
- Replace brake control/metering valve
- Bleed brakes
- Reset fuse
- Replace brake fan
- Test anti skid unit
- Test auto-brake system
- Replace anti-skid valve
- Change the air-ground sensing system configuration ground to air
- Check/ replace tail skid cartridge
- Troubleshoot faulty system

33-00 Lights

- Replace rotating beacon
- Replace landing lights
- Replace navigation lights
- Replace cabin interior lights
- Replace wing/engine scan lights (ice inspection lights)
- Replace logo lights
- Replace emergency lighting system battery
- Perform emergency lighting system checks
- Troubleshoot faulty system

34-00 Navigation

- Check navigation instruments in the flight compartment
- Replace airspeed indicator
- Replace electrical (barometric) altimeter
- Replace radio altimeter
- Replace the standby altitude reference system indicator
- Replace VOR unit
- Replace IRU/ADIRU
- Align IRS System
- Update flight management system database

35-00 Oxygen

- Inspect on-board oxygen equipment
- Replace crew oxygen cylinder
- Replace regulator
- Inspect/install green disk
- Perform leak test for oxygen lines
- Functionally test crew oxygen system
- Assess oxygen cylinder low pressure for flight
- Functionally test the crew oxygen mask
- Perform pax oxygen system deployment check
- Replace pax oxygen generator
- Restowe the pax oxygen system masks
- Troubleshoot faulty system

36-00 Pneumatic systems

- Replace precooler
- Replace precooler valve
- Perform operation check of air temperature switch
- Perform operation check of air temperature sensor
- Replace air shut off/bleed/pressure regulating valve
- De-activate/re-activate bleed/pressure regulating valve
- Replace HP and regulator valve
- Connect HP ground cart
- Check pneumatic system pressure
- Functionally test the crossfeed system operation
- Check/test leak detection system
- Replace air filter
- Check for leaks
- Troubleshoot faulty system

38-00 Water/Waste

- Pressurize water tank manually
- Replace water tank filter
- Perform water heater reset/functional check
- Disinfect the water tank and distribution system
- Drain the water system
- Replace tap
- Functionally check the door sill drain system
- Functionally check the sink drain system
- Clean/flush the waste tank
- Replace waste drain valve
- Replace toilet flush pump
- Perform vacuum toilet system lines cleaning
- Functionally check the vacuum toilet system operation
- Troubleshoot faulty system

45-00 Central Maintenance System

- Retrieve data from central maintenance unit (CMU)
- Replace CMU
- Print out last leg report
- Perform system check other than central maintenance system

47-00 Inert Gas System

- Functionally check nitrogen generation system
- Inspect leak check of the nitrogen generation system
- Replace air separation module
- Remove/ install drain cap

49-00 APU

- Start and shut-down the APU
- Remove/install the APU
- Remove/install the inlet guide-vane actuator
- Functionally test the APU emergency shut-down
- Functionally test of the APU operation
- Replace starter/generator of the APU
- Replace speed sensor
- Replace APU generator control unit
- Functionally check the fuel/oil solenoid
- Replace filter(s) of APU
- Trouble shoot faulty system

51-00 Structures

- Assess any damage on metallic materials (dent/ gouge/ scratch/ crack)
- Asses any damage on composite materials (delamination/ disbonding etc.)
- Perform tap test
- Treat corrosion
- Apply protective treatment

52-00 Doors

- Inspect passenger cabin door i.a.w. AMM
- Rig locking mechanism of passenger cabin door
- Adjust locking mechanism/ hinges of passenger cabin door
- Adjust stop fittings of passenger cabin door
- Remove/install door seal
- Lubricate passenger cabin door mechanism
- Functionally test the suspension of the passenger cabin door
- Functionally check escape slide system
- De-activate the passenger cabin door for flight
- Check operation of emergency exits
- Functionally test the door warning system
- Inspect cargo door i.a.w. AMM
- Sling the cargo door
- Lubricate cargo door mechanism
- Functionally test the cockpit door electrical locking system
- Change pasword of the cockpit door electrical locking system
- Functionally test the cockpit door diffirential pressure unlocking system
- Functionally test the air stair
- Close the air stair manually
- Troubleshoot faulty system

53-00 Fuselage

- Remove/install radome
- Inspect/ close radome
- Remove/install belly fairings
- Check/replace fuselage drain

54-00 Nacelles/ Pylons

- Inspect corrosion on pylon
- Remove Pylon
- Adjust nacelle cowling latches
- Replace fan cowlings

55-00 Stabilizer

- Check horizontal stabilizer attachments
- Check vertical stabilizer attachments

56-00 Windows

- Inspect cockpit windows
- Assess any cockpit window damage (buble, scratch, delamination, discoloration etc.)
- Replace windshield
- Adjust sliding window
- Inspect passenger cabin windows
- Replace cabin window
- Assess any cabin window damage (tickness, scratch, delamination, crack, nicks etc.)
- Inspect door window

57-00 Wings

- Inspect rib
- Inspect stringer
- Inspect spar
- Inspect slats/ flaps
- Remove/ install tank manhole cover
- Apply sealant inside the wing

Turbine Engine

71-00 Power Plant

- Build up ECU
- Replace engine
- Inspect cowlings
- Inspect engine mounts
- Inspect fire seals
- Inspect engine air intake
- Assist in dry motoring check
- Assist in wet motoring check
- Assist in engine start (manual mode)
- Troubleshoot

72-00 Engine Turbine

- Replace module.
- Replace fan blade.
- Assess blade FOD
- Inspect turbine and combustion chamber (borescope check)
- Inspect compressor section (borescope check)
- Carry out engine/compressor wash
- Engine ground run
- Assist run test
- Monitor trend/ gas path analysis
- Troubleshoot

73-00 Fuel and control

- Replace FCU/ MEC/ HMU
- Replace Engine Electronic Control Unit (FADEC)
- Replace engine fuel pump
- Replace fuel nozzles
- Replace fuel flowmeter
- Clean/replace fuel filters
- Adjust FCU or MEC
- Functional test of FADEC
- Troubleshoot faulty system

74-00 Ignition systems

- Perform functional test of the ignition system
- Check glow plugs/ignitors
- Check ignition leads
- Check ignition unit
- Replace ignition unit
- Troubleshoot faulty system

75-00 Air

- De-activate/re-activate HP turbine active clearance control timer
- Replace HP turbine active clearance control timer
- Replace HP turbine active clearance control valve
- Replace LP turbine active clearance control valve
- De-activate/re-activate engine anti-ice valve
- Replace engine anti-ice valve
- Functionally check the engine anti-ice system

76-00 Engine Controls

- Rig thrust lever
- Rig RPM control
- Rig HP cock lever
- Rig power lever
- Check controls for correct assembly and locking
- Check controls for range and direction of movement
- Adjust pedestal micro-switches
- Troubleshoot faulty system

77-00 Engine Indicating

- Test/replace engine instrument(s)
- Check instrument calibration
- Replace oil temperature bulb
- Replace oil pressure switch
- Replace low oil pressure switch
- Replace thermocouples
- Check EGT limit
- Replace speed sensor(s)
- Analyse engine vibration

78-00 Exhaust

- Replace jet pipe
- Change shroud assembly
- Replace common nozzle assembly/ exhaust nozzle
- Inspect/replace thrust reverser cowling
- Replace thrust reverser component(s)
- Deactivate/reactivate thrust reverser
- Functionally test of the thrust reverser system operation

79-00 Oil

- Replace/ check filter(s)
- Change engine oil
- Replace oil tank
- Replace oil pump
- Replace oil cooler
- Replace firewall shut off valve
- Troubleshoot faulty system

80-00 Starting

- Replace starter
- Replace start relay
- Replace start control valve
- Check starter oil
- Perform start valve manual operation
- Check cranking speed
- Manage starter limitation
- Troubleshoot faulty system

82-00 Engine water injection

- Check fluid for quality
- Trouble shoot faulty system

83-00 Accessory gear boxes

- Inspect magnetic chip detector
- Inspect vibration isolation system

84-00 Propulsion Augmentation

- Functionally check the engine propulsion augmentation

61-00 Propeller

- Assemble prop after transportation
- Replace propeller
- Replace governor
- Adjust governor
- Check operation during ground run
- Check track
- Check setting of micro switches
- Assess the blade damage i.a.w. AMM
- Balance prop dynamically
- Test propeller de-icing system
- Remove/install spinner
- Troubleshoot faulty system

2. Piston Motorlu Uçaklar (A2, B1.2 & B3)

05-00 Time limits/Maintenance checks

- Perform preflight/daily check
- Check aircraft against equipment list
- Apply/assist 100 hour check
- Assist carrying out a non-scheduled maintenance check i.a.w. AMM
- Assist to fill out aircraft maintenance log book for hold item
- Apply any airworthiness directive
- Review records for compliance with component life limits.
- Apply/assist an inspection procedure following such as hard/side load landing, bird/hail strike etc.
- Apply/assist an inspection procedure following lightning strike

06-00 Dimensions/Areas

- Locate component(s) by zone/station number
- Perform symmetry check

07-00 Lifting and Shoring

- Assist in: Jack aircraft main, nose or tail wheel
- Assist in: Jack complete aircraft
- Assist in: Sling or trestle major component

08-00 Levelling/Weighing

- Manage leveling of aircraft
- Assist in weighing of aircraft
- Prepare aircraft for weighing

09-00 Towing and Taxiing

- Prepare for aircraft towing
- Tow aircraft
- Be part of aircraft towing team (on ground)
- Be part of aircraft towing team (in cockpit)

10-00 Parking and Mooring

- Park, secure and cover aircraft
- Secure propeller blades
- Tie down aircraft
- Position aircraft in maintenance dock

11-00 Placards and Markings

- Check aircraft for correct placards
- Check aircraft for correct markings

12-00 Servicing

- Refuel aircraft (pressure)
- Defuel aircraft (pressure)
- Check/adjust tire pressures
- Check/replenish engine oil level
- Check/replenish hydraulic fluid level
- Lubricate flight controls (flap, slat, elevator, rudder or aileron)
- Lubricate landing gear
- Check/replenish accumulator pressure
- Connect electrical ground power
- Check/replenish the supercharger/turbocharger
- Remove snow, ice or frost

20-00 Standart Practices

- Check bonding
- Change bonding strips
- Repair faulty wiring

- Repair connector
 - Repair hose/pipe
 - Perform grounding aircraft
 - Prepare and apply sealant
 - Implement ESDS procedures
 - Wear-out screw
- 21-00 Air Conditioning
- Check operation of air conditioning/heating system
 - Replace water separator filter
 - Replace combustion heater
 - Replace flow control valve
 - Replace outflow valve
 - Replace safety valve
 - Replace vapour/air cycle unit
 - Replace cabin blower
 - Replace heat exchanger
 - Replace pressurisation controller
 - Clean outflow valves
 - Deactivate/reactivate avionics ventilation components
 - Check operation of pressurisation system
 - Troubleshoot faulty system
- 22-00 Auto flight
- Check flight management systems
 - Install servos
 - Rig bridle cables
 - Replace control panel
 - Check operation of auto-pilot
 - Check operation of yaw damper
 - Troubleshoot faulty system
- 23-00 Communications
- Replace VHF com unit
 - Replace existing antenna
 - Replace static discharge wicks
 - Check operation of radios
 - Functionally check audio integrating system
 - Check flight/service interphone system
 - Check ELT for compliance with regulations
 - Troubleshoot faulty system
- 24-00 Electrical Power
- Assist in: Charge lead/acid battery
 - Check battery capacity
 - Replace alternator
 - Replace inverter/transformer
 - Replace switch
 - Replace relay
 - Replace circuit breaker
 - Adjust voltage regulator
 - Change voltage regulator
 - Amend electrical load analysis report
 - Repair/replace electrical feeder cable
 - Inspect/check bus-tie systems
 - Perform functional check of alternator

- Perform functional check of voltage regulator
 - Troubleshoot faulty system
- 25-00 Equipment/Furnishings
- Replace crew seats
 - Check inertia reels of crew seats
 - Replace passenger seats
 - Check passenger seats/belts for security
 - Repair upholstery
 - Replace carpets
 - Remove and install passenger compartment floor panel
 - Check emergency equipment
 - Remove and install ceiling and sidewall panels
 - Change cabin configuration
 - Check cargo compartment integrity
 - Check/install blowout panel
- 26-00 Fire protection
- Inspect engine fire wire detection systems.
 - Check engine fire bottle contents.
 - Check/test operation of fire/smoke detection and warning system.
 - Check cabin fire extinguisher contents.
 - Troubleshoot faulty system.
- 27-00 Flight Controls
- Functionally test the primary flight controls
 - Inspect primary flight controls and related components i.a.w. AMM
 - Replace aileron/elevator/rudder
 - Rig primary flight controls
 - Adjust control cable tension
 - Install control cable and fittings
 - Check gust lock operation
 - Perform flaps & slats operation
 - Functionally test the flap system
 - Replace slats/ flaps
 - Perform THS operation manually
 - Functionally test of the THS
 - Replace hydraulically powered flight control unit
 - Replace spoiler/air brake
 - Replace/adjust tab
 - De-activate/re-activate the aileron/elevator/rudder servo control
 - Check control range and direction of movement
 - Operational test of the side stick/control column assembly
 - Check THS system wear
 - Troubleshoot faulty system
- 28-00 Fuel
- Remove/install fuel pipes
 - Perform fuel leak test from the tank
 - Inspect the tank venting system
 - Functionally check the engine fuel pump system
 - Drain water from the fuel tank
 - Replace booster pump
 - Replace fuel selector
 - Replace fuel tank cells
 - Replace/test fuel control valves

- Replace water drain valve
 - Check/calculate fuel contents manually
 - Check filters
 - Check flow system
 - Check calibration of fuel quantity gauges
 - Check operation feed/selectors
 - Defuel manually
 - Refuel manually
 - Deactivate/reactivate the refuel/defuel valve
 - Troubleshoot faulty system
- 29-00 Hydraulics
- Pressurize/depressurize the hydraulic reservoir
 - Pressurisation/depressurisation of the hydraulic system
 - Remove/fix hydraulic line
 - Check indicating systems
 - Check filter clog indicators
 - Remove and check case drain filter
 - Replace filter
 - Replace engine-driven pump
 - Replace auxiliary pump
 - Replace hydraulic motor pump/generator
 - Inspect accumulator internal leakage
 - Check operation of shut off valve
 - Perform functional checks
 - Perform sampling of hydraulic system fluid
 - Perform flushing of the reservoir/system
 - Inspect external leakage
 - Troubleshoot faulty system
- 30-00 Ice and rain protection
- Replace pump
 - Replace timer
 - Inspect/repair propeller de-ice boot
 - Test propeller de-icing system
 - Inspect/test wing leading edge de-icer boot
 - Replace anti-ice/de-ice valve
 - Install wiper motor
 - Check operation of systems
 - Operational test of the pitot-probe ice protection
 - Operational test of the TAT ice protection
 - Operational test of the wing ice protection system
 - Functionally test of windows heating system
 - Troubleshoot faulty system
- 31-00 Indicating/recording systems
- Replace clock
 - Adjust clock
 - Replace master caution unit
 - Inspect for HIRF requirements
 - Troubleshoot faulty system
- 32-00 Landing Gear
- Replace main/nose/tail wheel
 - Replace steering actuator
 - Replace gear retraction actuator

- Replace uplock/downlock assembly
- Replace shimmy damper
- Rig nose wheel steering
- Functional test of the nose wheel steering system
- Check hydraulic/electro-mechanical landing gear system
- Replace shock strut seals
- Perform servicing to the shock strut
- Replace brake unit
- Replace brake control valve
- Bleed brakes
- Change bungees
- Adjust micro switches/sensors
- Replace rotorcraft skids
- Replace rotorcraft skid shoes
- Pack and check floats
- Check flotation equipment
- Check/test emergency landing gear extension
- Operational test of the landing gear & doors
- Troubleshoot faulty system

33-00 Lights

- Repair/replace rotating beacon
- Repair/replace landing lights
- Repair/replace navigation lights
- Repair/replace cabin interior lights
- Replace wing/engine scan lights (ice inspection lights)
- Replace logo lights
- Repair/replace emergency lighting system battery
- Perform emergency lighting system checks
- Troubleshoot faulty system

34-00 Navigation

- Check navigation instruments in the flight compartment
- Replace airspeed indicator
- Replace altimeter
- Replace the standby altitude reference system indicator
- Replace VOR unit
- Update flight management system database

35-00 Oxygen

- Inspect on-board oxygen equipment
- Purge/recharge oxygen system
- Replace regulator
- Replace crew oxygen cylinder
- Test crew oxygen system
- Perform oxygen system deployment check
- Replace oxygen generator
- Restowing the masks
- Troubleshoot faulty system

36-00 Pneumatic systems

- Replace air shut off/HP/pressure regulating valve
- Deactivate HP/pressure regulating valve
- Check pneumatic system pressure
- Replace filter
- Replace compressor

- Recharge dessicator
 - Adjust regulator
 - Check for leaks
 - Troubleshoot faulty system
- 37-00 Vacuum systems
- Inspect the vacuum system i.a.w. AMM
 - Replace vacuum pump
 - Check/ replace filters
 - Adjust regulator
 - Trouble shoot faulty system
- 51-00 Structures
- Assess any damage on metallic materials (dent/ gouge/ scratch/ crack)
 - Assess any damage on composite materials (delamination/ disbonding etc.)
 - Perform tap test
 - Assess any damage on wooden structure
 - Assess any damage on fabric control surface or repair it
 - Recover fabric control surface
 - Treat corrosion
 - Apply protective treatment
- 52-00 Doors
- Inspect passenger door i.a.w. AMM
 - Rig/adjust locking mechanism
 - Adjust stop fittings
 - Adjust air stair system
 - Check operation of emergency exits
 - Test door warning system
 - Remove and install passenger door i.a.w. AMM
 - Remove and install emergency exit i.a.w. AMM
 - Inspect cargo door i.a.w. AMM
 - Troubleshoot faulty system
- 53-00 Fuselage
- Remove/install radome
 - Remove/install belly fairings
 - Check/replace fuselage drain
- 54-00 Nacelles/ Pylons
- Adjust nacelle cowling latches
 - Inspect corrosion on pylon
- 55-00 Stabilizer
- Check horizontal/vertical stabilizer attachments
 - Remove/install horizontal/vertical stabilizer
- 56-00 Windows
- Inspect cockpit windows
 - Assess any cockpit window damage (bubble, scratch, delamination, discoloration etc.)
 - Replace windshield
 - Replace direct vision window
 - Adjust sliding window
 - Inspect passenger cabin windows
 - Replace cabin window
 - Assess any cabin window damage (tickness, scratch, delamination, crack, nicks etc.)
- 57-00 Wings
- Inspect rib

- Inspect stringer
- Inspect spar
- Remove/ install tank manhole cover
- Recover fabric wing

Piston Engines

71-00 Power Plant

- Remove/install engine
- Remove/install engine cowlings
- Remove/install engine bulkheads
- Remove/install engine mount
- Inspect/check engine mount
- Remove/install air inlet system
- Remove/ install reduction gear
- Check compression
- Install helicoil
- Perform ground run
- Establish/check reference RPM
- Troubleshoot

73-00 Fuel and control

- Replace engine driven pump
- Install carburettor/injection unit/fuel servo
- Clean injector nozzles
- Replace primer line
- Check carburettor float setting
- Remove/install injectors
- Check injectors
- Adjust idle/mixture
- Troubleshoot faulty system

74-00 Ignition systems

- Perform functional test of the ignition system
- Remove/install magneto
- Change ignition vibrator
- Change plugs
- Test plugs
- Check H.T. leads
- Install new leads
- Check timing
- Remove/install ignition harnesses
- Remove/clean/install spark plugs
- Inspect/check spark plugs
- Trouble shoot faulty system

76-00 Engine Controls

- Rig throttle
- Rig RPM control
- Rig HP cock lever
- Rig power lever
- Check controls for correct assembly and locking
- Check controls for range and direction of movement
- Adjust pedestal micro-switches
- Remove/install throttle control
- Remove/install mixture control

- Remove/install alternate air control
 - Rig idle/mixture control
 - Troubleshoot faulty system
- 77-00 Engine Indicating
- Check indicating system
 - Replace/test engine instrument(s)
 - Replace oil temperature/ pressure bulb
 - Replace thermocouples
 - Replace speed sensor(s)
 - Check instrument calibration
 - Analyse engine vibration
 - Troubleshoot faulty system
- 78-00 Exhaust
- Replace exhaust gasket
 - Inspect welded repair
 - Check pressure cabin heater muff
 - Remove/install exhaust
 - Trouble shoot faulty system
- 79-00 Oil
- Replace/ check filter(s)
 - Adjust pressure relief valve
 - Change engine oil
 - Replace oil tank
 - Replace oil pump
 - Replace oil cooler
 - Replace firewall shut off valve
 - Perform oil dilution test
 - Troubleshoot faulty system
- 80-00 Starting
- Replace starter
 - Replace start relay
 - Replace start control valve
 - Start valve manuel operation
 - Check cranking speed
 - Troubleshoot faulty system
- 81-00 Turbine
- Replace PRT
 - Replace turbo-blower
 - Replace heat shields
 - Replace waste gate
 - Adjust density controller
- 82-00 Engine water injection
- Replace water/methanol pump
 - Flow check water/methanol system
 - Adjust water/methanol control unit
 - Check fluid for quality
 - Trouble shoot faulty system
- 83-00 Accessory gear boxes
- Replace gear box
 - Replace drive shaft
 - Inspect magnetic chip detector
- 84-00 Propulsion Augmentation

- Functionally check the engine propulsion augmentation
- 61-00 Propeller
- Assemble prop after transportation
 - Replace propeller
 - Replace governor
 - Adjust governor
 - Perform static functional checks
 - Check operation during ground run
 - Check track
 - Check setting of micro switches
 - Assessment of blade damage i.a.w. AMM.
 - Dynamically balance prop
 - Remove/install spinner
 - Troubleshoot faulty system

3. Türbin Motorlu Helikopterler (A3 & B1.3)

05-00 Time limits/Maintenance checks

- Perform preflight/daily check
- Check helicopter against equipment list
- Apply/assist 50/100 hour check
- Assist carrying out a scheduled maintenance check i.a.w. AMM
- Assist to fill out helicopter log book for hold item
- Apply any airworthiness directive
- Review records for compliance with component life limits
- Apply/assist an inspection procedure following such as hard landing or bird/ hail strike etc.
- Apply/assist an inspection procedure following lightning strike

06-00 Dimensions/Areas

- Locate component(s) by zone/station number
- Perform symmetry check

07-00 Lifting and Shoring

- Assist in: Jack complete helicopter
- Assist in: Lifting the complete helicopter with upper plate of the main rotor head
- Assist in: Lifting the complete helicopter with mast nut
- Assist in: Lifting the helicopter with the main rotor and mast assy
- Assist in: Sling or trestle major component.

08-00 Levelling/Weighing

- Manage leveling of helicopter
- Assist in weighing of helicopter
- Prepare weight and balance amendment

09-00 Towing and Taxiing

- Prepare for helicopter towing
- Tow helicopter
- Be part of helicopter towing team (on ground)

10-00 Parking and Mooring

- Park, secure and cover helicopter
- Secure rotor blades
- Tie down helicopter
- Position helicopter in maintenance dock

11-00 Placards and Markings

- Check helicopter for correct placards
- Check helicopter for correct markings

12-00 Servicing

- Refuel helicopter (pressure)
- Defuel helicopter (pressure)
- Check/adjust tire pressures
- Check/replenish engine oil level
- Check/replenish tail rotor gear box oil level
- Check/replenish hydraulic fluid level
- Lubricate landing gear (if available)
- Check/replenish accumulator pressure
- Charge pneumatic system
- Connect electrical ground power

18-00 Vibration and Noise Analysis

- Analyse helicopter vibration problem
- Analyse noise spectrum
- Analyse engine vibration

20-00 Standart Practices

- Check bonding
- Change bonding strips
- Repair faulty wiring
- Repair connector
- Perform grounding helicopter
- Prepare and apply sealant
- Repair hose/pipe
- Implement ESDS procedures
- Wear-out screw

21-00 Air Conditioning

- Replace water seperator filter
- Replace air cycle/ vapour cycle unit
- Replace flapper valve
- Replace cabin/ axial flow blower
- Replace defogger nozzle
- Replace heat exchanger
- Deactivate/reactivate avionics ventilation components.
- Check operation of air conditioning/heating system
- Troubleshoot faulty system

22-00 Auto flight

- Install servos
- Rig bridle cables
- Replace control panel
- Replace any LRU from the auto flight fly-by-wire system
- Check flight management systems

23-00 Communications

- Replace VHF/HF com unit
- Replace existing antenna
- Replace static discharge wicks
- Check operation of radios
- Check flight/service interphone system
- Check flight/ground crew call system
- Check ELT for compliance with regulations
- Troubleshoot faulty system

24-00 Electrical Power

- Assist in: Charge lead/acid battery
- Assist in: Charge Ni-Cad battery
- Check battery capacity
- Assist in: Deep-cycle Ni-Cad battery
- Replace generator/alternator
- Replace switch
- Replace circuit breaker
- Adjust voltage regulator
- Change voltage regulator
- Amend electrical load anlysis report
- Repair/replace electrical feeder cable
- Replace T/R unit
- Perform functional check of generator/alternator
- Perform functional check of voltage regulator
- Perform functional check of emergency generation system
- Troubleshoot faulty system

25-00 Equipment/Furnishings

- Replace carpets
- Remove and install passenger compartment floor panel
- Replace crew seats
- Replace passenger seats
- Check inertia reels of crew seats
- Check passenger seats/belts for security
- Check emergency equipment
- Remove and install ceiling and sidewall panels

26-00 Fire protection

- Check engine fire bottle contents
- Check/test operation of fire/smoke detection and warning system
- Check cabin fire extinguisher contents
- Install new fire bottle
- Replace fire bottle squib
- Inspect engine fire wire detection systems
- Troubleshoot faulty system

28-00 Fuel

- Drain water from the tank
- Replace booster/transfer pump
- Replace fuel selector
- Purge fuel cell
- Replace fuel tank cells
- Replace water drain valve
- Check/replace filters
- Check flow system
- Check calibration of fuel quantity gauges
- Defuel manually
- Refuel manually
- Deactivation/reactivation of the fuel valves (transfer defuel, X-feed, refuel)
- Troubleshoot faulty system

29-00 Hydraulics

- Pressurize/depressurize the hydraulic reservoir
- Replace main power source
- Replace auxiliary power source
- Inspect accumulator internal leakage
- Check operation of shut off valve
- Check filters/clog indicators
- Check indicating systems
- Perform functional checks
- Pressurisation/depressurisation of the hydraulic system
- Inspect external leakage
- Inspect internal leakage
- Connect ground cart
- Be part of internal hydraulic leakage test team
- Troubleshoot faulty system

30-00 Ice and rain protection

- Replace anti-ice/deice valve
- Install wiper motor
- Check operation of systems
- Operational test of windows heating system
- Troubleshoot faulty system

- 31-00 Indicating/recording systems
 - Replace flight data recorder
 - Replace cockpit voice recorder
 - Replace clock
 - Adjust clock
 - Replace master caution unit
 - Troubleshoot faulty system
- 32-00 Landing Gear
 - Replace main/nose wheel
 - Rig nose wheel steering
 - Replace steering actuator
 - Replace gear retraction actuator
 - Replace uplock/downlock assembly
 - Replace shimmy damper
 - Replace shock strut seals
 - Servicing of shock strut
 - Replace brake unit
 - Replace brake control valve
 - Bleed brakes
 - Adjust micro switches/sensors
 - Replace rotorcraft skids
 - Replace rotorcraft skid shoes
 - Pack and check floats
 - Check flotation equipment
 - Operational test of the landing gear & doors
 - Troubleshoot faulty system
- 33-00 Lights
 - Repair/Replace rotating beacon
 - Repair/ Replace landing lights
 - Repair/ Replace navigation lights
 - Repair/ Replace cabin interior lights
 - Replace wing/engine scan lights (ice inspection lights)
 - Replace logo lights
 - Repair/ Replace emergency lighting system battery
 - Perform emergency lighting system checks
 - Troubleshoot faulty system
- 34-00 Navigation
 - Check navigation instruments in the flight compartment
 - Replace airspeed indicator
 - Replace altimeter
 - Replace air data computer
 - Replace VOR unit
 - Align IRS System

51-00 Structure

- Assess any damage on metallic materials (dent/ gouge/ scratch/ crack)
- Asses any damage on composite materials (delamination/ disbonding etc.)
- Perform tap test
- Treat corrosion
- Apply protective treatment

52-00 Doors

- Inspect crew/passenger door i.a.w. AMM
- Rig locking mechanism of crew/passenger cabin door
- Adjust locking mechanism/hinges of crew/passenger cabin door
- Check operation of emergency exits
- Remove and install crew/passenger door i.a.w. AMM
- Remove and install emergency exit i.a.w. AMM

56-00 Windows

- Inspect cockpit windows
- Assess any cockpit window damage (buble, scratch, delamination, discoloration etc.)
- Replace windshield
- Adjust sliding window
- Inspect cabin windows
- Replace cabin window
- Assess any cabin window damage (tickness, scratch, delamination, crack, nicks etc.)

62-00 Main Rotors

- Install rotor assembly
- Replace blades
- Replace damper assembly
- Remove/install main rotor hub assembly
- Assist in: Check track
- Assist in: Check static balance
- Assist in: Check dynamic balance
- Troubleshoot

63-00 Rotor Drive

- Replace mast
- Remove/install the coupling
- Remove/install the free wheeling unit
- Remove/ install transmission
- Replace XMSN input/output seal
- Replace XMSN filter
- Inspect rotor brake system
- Remove/ install engine drive shaft
- Replace oil pressure/ bypass valve or thermostat
- Remove/install transmission oil pump
- Check gearbox chip detectors

64-00 Tail Rotors

- Remove/install rotor hub and blade assembly
- Replace blades
- Troubleshoot

- 65-00 Tail Rotor Drive
- Replace bevel gearbox
 - Check chip detectors
 - Drain T/R gear box oil
 - Check/install bearings and hangers
 - Check/service/ assemble flexible couplings
 - Check alignment of drive shafts
 - Install and rig drive shafts

- 67-00 Rotorcraft Flight Controls
- Replace swash plate
 - Adjust the swashplate friction
 - Replace mixing box
 - Adjust pitch links
 - Rig collective system
 - Rig cyclic system
 - Rig anti-torque system
 - Check controls for assembly and locking
 - Check controls for assembly and locking
 - Check controls for operation and sense
 - Trouble shoot faulty system

Turbine Engines

- 71-00 Power Plant
- Build up ECU
 - Replace engine
 - Repair cooling baffles
 - Replace cowling
 - Adjust cowl latches
 - Assist in dry motoring check
 - Assist in wet motoring check
 - Assist in engine start (manual mode)
 - Troubleshoot
- 72-00 Engine Turbine
- Replace module
 - Hot section inspection/borescope check
 - Carry out engine/compressor wash
 - Engine ground run
 - Troubleshoot
- 73-00 Fuel and control
- Replace FCU/ MEC/ HMU
 - Replace Engine Electronic Control Unit (FADEC)
 - Replace Fuel Metering Unit (FADEC)
 - Replace engine fuel pump
 - Clean/ test fuel nozzles
 - Clean/replace fuel filters
 - Adjust FCU/ MEC/ HMU
 - Functional test of FADEC
 - Troubleshoot faulty system

- 74-00 Ignition systems
 - Perform functional test of the ignition system
 - Check/replace glow plugs/ignitors
 - Replace ignition cable
 - Check ignition leads
 - Check ignition unit
 - Replace ignition unit
 - Troubleshoot faulty system
- 76-00 Engine Controls
 - Rig power lever
 - Check controls for correct assembly and locking
 - Check controls for range and direction of movement
 - Adjust pedestal micro-switches
 - Troubleshoot faulty system
- 77-00 Engine Indicating
 - Check indicating system
 - Replace/test engine instrument(s)
 - Replace oil temperature/ pressure bulb
 - Replace thermocouples
 - Replace speed sensor(s)
 - Check instrument calibration
 - Analyse engine vibration
 - Troubleshoot faulty system
- 78-00 Exhaust
 - Remove/install exhaust duct
- 79-00 Oil
 - Drain gear box
 - Replace/check filter(s)
 - Adjust pressure relief valve
 - Change engine oil
 - Replace oil tank
 - Replace oil pump
 - Replace oil cooler
 - Troubleshoot faulty system
- 80-00 Starting
 - Replace starter
 - Replace start relay
 - Check cranking speed
 - Troubleshoot faulty system
- 82-00 Engine water injection
 - Check fluid for quality
 - Trouble shoot faulty system
- 83-00 Accessory gear boxes
 - Replace gear boxes
 - Replace drive shaft
 - Inspect magnetic chip detector
- 84-00 Propulsion Augmentation
 - Functionally check the engine propulsion augmentation

4. Piston Motorlu Helikopterler (A4 & B1.4)

05-00 Time limits/Maintenance checks

- Perform preflight/daily check
- Check helicopter against equipment list
- Apply/assist 50/100 hour check
- Assist carrying out a scheduled maintenance check i.a.w. AMM
- Assist to fill out helicopter log book for hold item
- Apply any airworthiness directive
- Review records for compliance with component life limits
- Apply/assist an inspection procedure following such as hard landing or bird/ hail strike etc.
- Apply/assist an inspection procedure following lightning strike

06-00 Dimensions/Areas

- Locate component(s) by zone/station number
- Perform symmetry check

07-00 Lifting and Shoring

- Assist in: Jack complete helicopter
- Assist in: Lifting the complete helicopter with upper plate of the main rotor head
- Assist in: Lifting the complete helicopter with mast nut
- Assist in: Lifting the helicopter with the main rotor and mast assy
- Assist in: Sling or trestle major component.

08-00 Levelling/Weighing

- Manage leveling of helicopter
- Assist in weighing of helicopter
- Prepare weight and balance amendment

09-00 Towing and Taxiing

- Prepare for helicopter towing
- Tow helicopter
- Be part of helicopter towing team (on ground)

10-00 Parking and Mooring

- Park, secure and cover helicopter
- Secure rotor blades
- Tie down helicopter
- Position helicopter in maintenance dock

11-00 Placards and Markings

- Check helicopter for correct placards
- Check helicopter for correct markings

12-00 Servicing

- Refuel helicopter (pressure)
- Defuel helicopter (pressure)
- Check/adjust tire pressures
- Check/replenish engine oil level
- Check/replenish tail rotor gear box oil level
- Check/replenish hydraulic fluid level
- Lubricate landing gear (if available)
- Check/replenish accumulator pressure
- Charge pneumatic system
- Connect electrical ground power

- 18-00 Vibration and Noise Analysis
 - Analyse helicopter vibration problem
 - Analyse noise spectrum
 - Analyse engine vibration
- 20-00 Standart Practices
 - Check bonding
 - Change bonding strips
 - Repair faulty wiring
 - Repair connector
 - Perform grounding helicopter
 - Prepare and apply sealant
 - Repair hose/pipe
 - Implement ESDS procedures
 - Wear-out screw
- 21-00 Air Conditioning
 - Replace water seperator filter
 - Replace air cycle/ vapour cycle unit
 - Replace flapper valve
 - Replace cabin/ axial flow blower
 - Replace defogger nozzle
 - Replace heat exchanger
 - Deactivate/reactivate avionics ventilation components.
 - Check operation of air conditioning/heating system
 - Troubleshoot faulty system
- 22-00 Auto flight
 - Install servos
 - Rig bridle cables
 - Replace control panel
 - Replace any LRU from the auto flight fly-by-wire system
 - Check flight management systems
- 23-00 Communications
 - Replace VHF/HF com unit
 - Replace existing antenna
 - Replace static discharge wicks
 - Check operation of radios
 - Check flight/service interphone system
 - Check flight/ground crew call system
 - Check ELT for compliance with regulations
 - Troubleshoot faulty system
- 24-00 Electrical Power
 - Assist in: Charge lead/acid battery
 - Assist in: Charge Ni-Cad battery
 - Check battery capacity
 - Assist in: Deep-cycle Ni-Cad battery
 - Replace generator/alternator
 - Replace switches
 - Replace circuit breakers
 - Adjust voltage regulator
 - Change voltage regulator
 - Amend electrical load anlysis report
 - Repair/replace electrical feeder cable
 - Replace T/R unit

- Perform functional check of generator/alternator
 - Perform functional check of voltage regulator
 - Perform functional check of emergency generation system
 - Troubleshoot faulty system
- 25-00 Equipment/Furnishings
- Replace carpets
 - Remove and install passenger compartment floor panel
 - Replace crew seats
 - Replace passenger seats
 - Check inertia reels of crew seats
 - Check passenger seats/belts for security
 - Check emergency equipment
 - Remove and install ceiling and sidewall panels
- 26-00 Fire protection
- Check fire bottle contents
 - Check/test operation of fire/smoke detection and warning system
 - Check cabin fire extinguisher contents
 - Install new fire bottle
 - Replace fire bottle squib
 - Inspect engine fire wire detection systems
 - Troubleshoot faulty system
- 28-00 Fuel
- Drain water from the tank
 - Replace booster/transfer pump
 - Replace fuel selector
 - Purge fuel cell
 - Replace fuel tank cells
 - Replace water drain valve
 - Check/replace filters
 - Check flow system
 - Check calibration of fuel quantity gauges
 - Defuel manually
 - Refuel manually
 - Deactivation/reactivation of the fuel valves (transfer defuel, X-feed, refuel)
 - Troubleshoot faulty system
- 29-00 Hydraulics
- Pressurize/depressurize the hydraulic reservoir
 - Replace main power source
 - Replace auxiliary power source
 - Replace accumulator
 - Check operation of shut off valve
 - Check filters/clog indicators
 - Check indicating systems
 - Perform functional checks
 - Pressurisation/depressurisation of the hydraulic system
 - Inspect external leakage
 - Inspect internal leakage
 - Connect ground cart
 - Be part of internal hydraulic leakage test team
 - Troubleshoot faulty system

- 30-00 Ice and rain protection
 - Replace anti-ice/deice valve
 - Install wiper motor
 - Check operation of systems
 - Operational test of windows heating system
 - Troubleshoot faulty system
- 31-00 Indicating/recording systems
 - Replace flight data recorder
 - Replace cockpit voice recorder
 - Replace clock
 - Adjust clock
 - Replace master caution unit
 - Troubleshoot faulty system
- 32-00 Landing Gear
 - Replace main/nose wheel
 - Rig nose wheel steering
 - Replace steering actuator
 - Replace gear retraction actuator
 - Replace uplock/downlock assembly
 - Replace shimmy damper
 - Replace shock strut seals
 - Servicing of shock strut
 - Replace brake unit
 - Replace brake control valve
 - Bleed brakes
 - Adjust micro switches/sensors
 - Replace rotorcraft skids
 - Replace rotorcraft skid shoes
 - Pack and check floats
 - Check flotation equipment
 - Operational test of the landing gear & doors
 - Troubleshoot faulty system
- 33-00 Lights
 - Repair/Replace rotating beacon
 - Repair/ Replace landing lights
 - Repair/ Replace navigation lights
 - Repair/ Replace cabin interior lights
 - Replace wing/engine scan lights (ice inspection lights)
 - Replace logo lights
 - Repair/ Replace emergency lighting system.
 - Perform emergency lighting system checks
 - Troubleshoot faulty system
- 34-00 Navigation
 - Replace airspeed indicator
 - Replace altimeter
 - Replace air data computer
 - Replace VOR unit
 - Align IRS System

51-00 Structure

- Assess any damage on metallic materials (dent/ gouge/ scratch/ crack)
- Asses any damage on composite materials (delamination/ disbonding etc.)
- Perform tap test
- Treat corrosion
- Apply protective treatment

52-00 Doors

- Inspect crew/passenger door i.a.w. AMM
- Rig locking mechanism of crew/passenger cabin door
- Adjust locking mechanism/hinges of crew/passenger cabin door
- Check operation of emergency exits
- Remove and install crew/passenger door i.a.w. AMM
- Remove and install emergency exit i.a.w. AMM

56-00 Windows

- Inspect cockpit windows
- Assess any cockpit window damage (buble, scratch, delamination, discoloration etc.)
- Replace windshield
- Adjust sliding window
- Inspect cabin windows
- Replace cabin window
- Assess any cabin window damage (tickness, scratch, delamination, crack, nicks etc.)

62-00 Main Rotors

- Install rotor assembly
- Replace blades
- Replace damper assembly
- Remove/install main rotor hub assembly
- Assist in: Check track
- Assist in: Check static balance
- Assist in: Check dynamic balance
- Troubleshoot

63-00 Rotor Drive

- Replace mast
- Remove/install the coupling
- Remove/install the free wheeling unit
- Remove/ install transmission
- Replace XMSN input/output seal
- Replace XMSN filter
- Inspect rotor brake system
- Remove/ install engine drive shaft
- Replace oil pressure/ bypass valve or thermostat
- Remove/install transmission oil pump
- Check gearbox chip detectors

64-00 Tail Rotors

- Remove/install rotor hub and blade assembly
- Replace blades
- Troubleshoot

- 65-00 Tail Rotor Drive
- Replace bevel gearbox
 - Check chip detectors
 - Drain T/R gear box oil
 - Check/install bearings and hangers
 - Check/service/ assemble flexible couplings
 - Check alignment of drive shafts
 - Install and rig drive shafts

- 67-00 Rotorcraft Flight Controls
- Replace swash plate
 - Adjust the swashplate friction
 - Replace mixing box
 - Adjust pitch links
 - Rig collective system
 - Rig cyclic system
 - Rig anti-torque system
 - Check controls for assembly and locking
 - Check controls for assembly and locking
 - Check controls for operation and sense
 - Trouble shoot faulty system

Piston Engines

- 71-00 Power Plant
- Remove/install reduction gear
 - Check crankshaft run-out
 - Check tappet clearance
 - Check compression
 - Extract broken stud
 - Install helicoil
 - Perform ground run
 - Establish/check reference RPM
 - Troubleshoot
- 73-00 Fuel and control
- Replace engine driven pump
 - Install carburettor/injector
 - Clean injector nozzles
 - Replace primer line
 - Check carburettor float setting
 - Troubleshoot faulty system
- 74-00 Ignition systems
- Perform functional test of the ignition system
 - Change magneto
 - Change ignition vibrator
 - Change plugs
 - Test plugs
 - Check H.T. leads
 - Install new leads
 - Check timing
 - Trouble shoot faulty system
- 76-00 Engine Controls
- Rig thrust lever
 - Rig RPM control

- Rig power lever
 - Check controls for correct assembly and locking
 - Check controls for range and direction of movement
 - Adjust pedestal micro-switches
 - Troubleshoot faulty system
- 77-00 Engine Indicating
- Check indicating system
 - Replace/test engine instrument(s)
 - Replace oil temperature/ pressure bulb
 - Replace thermocouples
 - Replace speed sensor(s)
 - Analyse engine vibration
 - Troubleshoot faulty system
- 78-00 Exhaust
- Replace exhaust gasket
 - Inspect welded repair
 - Check pressure cabin heater muff
 - Trouble shoot faulty system
- 79-00 Oil
- Replace/ check filter(s)
 - Adjust pressure relief valve
 - Change engine oil
 - Replace oil tank
 - Replace oil pump
 - Replace oil cooler
 - Replace firewall shut off valve
 - Troubleshoot faulty system
- 80-00 Starting
- Replace starter
 - Replace start relay
 - Check cranking speed
 - Troubleshoot faulty system
- 81-00 Turbines
- Replace PRT
 - Replace turbo-blower
 - Replace heat shields
 - Replace waste gate
 - Adjust density controller
- 82-00 Engine water injection
- Replace water/methanol pump
 - Flow check water/methanol system
 - Adjust water/methanol control unit
 - Check fluid for quality
 - Trouble shoot faulty system
- 83-00 Accessory gear boxes
- Replace gear boxes
 - Replace drive shaft
 - Inspect magnetic chip detector
- 84-00 Propulsion Augmentation
- Functionally check the engine propulsion augmentation

5. Havaaracı Aviyonik Sistemler (B2)

- 05-00 Time limits/Maintenance checks
 - Apply/assist 100 hour check
 - Apply/assist “B” or “C” maintenance check (transport category aircraft)
 - Assist carrying out a non-scheduled maintenance check i.a.w. AMM
 - Assist to fill out aircraft maintenance log book for hold item
 - Apply any airworthiness directive
 - Review records for compliance with component life limits
- 06-00 Dimensions/Areas
 - Locate component(s) by zone/station number
- 07-00 Lifting and Shoring
 - Assist in: Jack aircraft main/nose/tail wheel
- 08-00 Levelling/Weighing
 - Assist leveling of aircraft
 - Assist in weighing of aircraft
- 09-00 Towing and Taxiing
 - Prepare for aircraft towing
 - Be part of aircraft towing team (on ground)
 - Be part of aircraft towing team (in cockpit)
- 10-00 Parking and Mooring
 - Park, secure and cover aircraft
 - Secure engine rotor blades
 - Assist in position aircraft in maintenance dock
- 11-00 Placards and Markings
 - Check aircraft for correct placards
 - Check aircraft for correct markings
- 12-00 Servicing
 - Connect electrical ground power
- 20-00 Standart Practices
 - Check bonding
 - Change bonding strips
 - Perform grounding aircraft
 - Repair wiring
 - Repair connector
 - Prepare and apply sealant
 - Implement ESDS procedures
- 21-00 Air Conditioning
 - Check operation of air conditioning system
 - Functionally test pack temperature control
 - Functionally test trim/hot air valves
 - De-activate/re-activate pack temperature control
 - Replace zone temperature sensor
 - Check operation of pressurisation system
 - Replace pressurisation controller
 - Clean outflow valves
 - Functionally test outflow valve operation
 - De-activate/re-activate cargo isolation valve
 - De-activate/re-activate avionics ventilation components
 - Troubleshoot faulty system

22-00 Auto flight

- Install electrical servos
- Rig bridle cables
- Replace control panel
- Replace auto flight system LRUs in case of fly-by-wire aircraft
- Check operation of auto-pilot
- Check operation of auto-throttle/auto-thrust
- Check operation of yaw damper
- Check and adjust servo clutch
- Perform autopilot gain adjustments
- Perform mach/speed trim functional check
- Check autoland system
- Check flight management systems
- Check stability augmentation system
- Troubleshoot faulty system

23-00 Communications

- Replace VHF com unit
- Replace HF com unit
- Replace existing antenna
- Replace static discharge wicks
- Check operation of radios
- Perform antenna VSWR check
- Perform SELCAL operational check
- Perform operational check of passenger address system
- Functionally check audio integrating system
- Check flight/service interphone system
- Check flight/ground crew call system
- Repair coaxial cable
- Functionally check ELT
- Functionally check IFE system
- Functionally check cockpit voice recorder
- Troubleshoot faulty system

24-00 Electrical Power

- Assist in: Charge lead/acid battery (emerg)
- Assist in: Charge Ni-Cad battery
- Change emergency battery/ power supply
- Replace integrated drive generator/constant speed drive generator/alternator
- Replace IDG/ CSD oil cooler
- Replace IDG/ CSD filter
- Check AC/DC voltage indication
- Replace relay
- Replace switch
- Replace circuit breaker
- Adjust voltage regulator
- Change voltage regulator
- Amend electrical load analysis report
- Repair/replace electrical feeder cable
- Replace T/R unit
- Replace engine generator control unit
- Replace inverter
- Perform functional check of integrated drive generator/constant speed drive/generator
- Perform functional check of voltage regulator

- Perform functional check of emergency generation system
 - Perform using standby power
 - Troubleshoot faulty system
- 25-00 Equipment/Furnishings
- Remove and install light covers
 - Check cargo compartment integrity
 - Replace cargo loading system equipment
 - Test cargo loading system
 - Check emergency equipment
- 26-00 Fire protection
- Check engine fire bottle contents
 - Check/test operation of fire/smoke detection and warning system
 - Check cabin fire extinguisher contents
 - Check lavatory smoke detector system
 - Install new fire bottle
 - Replace fire bottle squib
 - Inspect engine fire wire detection systems
 - Troubleshoot faulty system
- 27-00 Flight Controls
- Perform flaps & slats operation
 - Perform THS operation manually
 - Functionally test the primary flight controls
 - Functionally test the flap system
 - Functionally test the side stick/control column assembly
 - Functionally test of the THS
 - Inspect primary flight controls and related components i.a.w. AMM
 - De-activate/re-activate the aileron/elevator/rudder servo control
 - Troubleshoot faulty system
- 28-00 Fuel
- Functionally check the engine fuel pump system
 - Functionally check crossfeed system
 - Functionally test the APU fuel pump system
 - Check calibration of fuel quantity gauges
 - Functionally check operation of the refuel/ defuel valves
 - Functionally check operation of fuel dump/jettison system
 - Troubleshoot faulty system
- 29-00 Hydraulics
- Pressurize/depressurize the hydraulic reservoir
 - Perform pressurisation/depressurisation of the hydraulic system normal and auxiliary
 - Check indicating systems
 - Functionally check operation of fire shut off valve
 - Inspect external leakage
 - Troubleshoot faulty system
- 30-00 Ice and rain protection
- Check operation of systems
 - Functionally test of the pitot-probe ice protection system
 - Replace wiper motor
 - Functionally test of the TAT ice protection system
 - Functionally test of the wing ice protection system
 - Assist operational test of the engine air-intake ice protection (with engines operating)
 - Check drain mast heating system
 - Functionally test of cockpit windows heating system

- Troubleshoot faulty system
- 31-00 Indicating/recording systems
 - Replace flight data recorder
 - Replace clock
 - Adjust clock
 - Perform FDR/DFDR data retrieval
 - Functionally check underwater locator beacon
 - Functionally check take off/ landing warning system
 - Functionally check aural warning system
 - Inspect for HIRF requirements
 - Start/stop EIS procedure
 - Bite test of the CFDIU/CMS
 - Bite test of the ECAM/EICAS
 - Ground scanning of the central warning system
 - Troubleshoot faulty system
- 32-00 Landing Gear
 - Perform operational test of the landing gear & doors
 - Adjust micro switch
 - Adjust proximity sensor
 - Test anti skid unit
 - Test auto-brake system
 - Change the air-ground sensing system configuration ground to air
 - Troubleshoot faulty system
- 33-00 Lights
 - Replace rotating beacon
 - Replace landing lights
 - Replace navigation lights
 - Replace cabin interior lights
 - Replace wing/engine scan lights (ice inspection lights)
 - Replace logo lights
 - Replace emergency lighting system battery
 - Perform emergency lighting system checks
 - Troubleshoot faulty system
- 34-00 Navigation
 - Calibrate magnetic direction indicator
 - Replace airspeed indicator
 - Functionally check the electrical (barometric) altimeter
 - Replace electrical (barometric) altimeter
 - Functionally check the radio altimeter
 - Replace radio altimeter
 - Functionally check the standby altitude reference system indicator
 - Replace the standby altitude reference system indicator
 - Replace air data computer
 - Replace VOR unit
 - Replace ADI/PFD
 - Replace HSI/ND
 - Replace IRU/ADIRU
 - Align IRS System
 - Drain the pitot static system
 - Check pitot static system for leaks
 - Functionally check ILS/MMR
 - Functional check weather radar

- Functional check TCAS
 - Functional check DME
 - Functional check ATC Transponder
 - Functional check flight director system
 - Functional check inertial nav system
 - Complete quadrantal error correction of ADF system
 - Update flight management system database
 - Check calibration of pitot static instruments
 - Check calibration of pressure altitude reporting system
 - Check marker systems
 - Compass replacement direct/indirect
 - Check Satcom
 - Check GPS
 - Troubleshoot faulty system
- 35-00 Oxygen
- Perform pax oxygen system deployment check
 - Restowe the pax oxygen system masks
 - Troubleshoot faulty system
- 36-00 Pneumatic systems
- Perform operation check of air temperature switch
 - Perform operation check of air temperature sensor
 - De-activate/re-activate bleed/pressure regulating valve
 - Check pneumatic system pressure
 - Functionally test the crossfeed system operation
 - Troubleshoot faulty system
- 38-00 Water/Waste
- Perform water heater reset/functional check
 - Functionally check the vacuum toilet system operation
 - Troubleshoot faulty system
- 42-00 Integrate Modular Avionics
- Functionally test the avionics communication router
 - Functionally test the fuel management system
- 44-00 Cabin Systems
- Load software
 - Reset seat
 - Review fault trends
 - Functionally check passenger video system
 - Remove/install passenger control unit
- 45-00 Central Maintenance System
- Retrieve data from central maintenance unit (CMU)
 - Replace CMU
 - Print out last leg report
 - Perform system check other than central maintenance system
 - Perform Bite check
 - Troubleshoot faulty system
- 46-00 Information Systems
- Functionally check Air Traffic Services Unit (ATSU)
 - Upload the ATSU software with the Multipurpose Disk Drive (MDDU)
 - Replace digital seat box

49-00 APU

- Start and shut-down the APU
- Functionally test the APU emergency shut-down
- Functionally test of the APU operation
- Replace starter/generator of the APU
- Replace speed sensor
- Replace APU generator control unit
- Functionally check the fuel/oil solenoid

52-00 Doors

- Check passenger door operation
 - Check operation of emergency exits
 - Functionally test the door warning system
 - Check cargo door operation
 - Functionally test the cockpit door electrical locking system
 - Change password of the cockpit door electrical locking system
 - Functionally test the air stair
- Troubleshoot faulty system

53-00 Fuselage

- Inspect/ close radome

56-00 Windows

- Inspect cockpit windows
- Inspect passenger cabin windows
- Inspect door window

Turbine Engines

71-00 Power Plant

- Inspect engine air intake
- Troubleshoot

72-00 Engine Turbine

- Monitor trend/ gas path analysis
- Troubleshoot

73-00 Fuel and control

- Replace Engine Electronic Control Unit (FADEC)
- Functional test of FADEC
- Troubleshoot faulty system

74-00 Ignition systems

- Perform functional test of the ignition system
- Check glow plugs/ignitors
- Check ignition leads
- Check ignition unit
- Replace ignition unit
- Troubleshoot faulty system

75-00 Air

- De-activate/re-activate engine anti-ice valve
- Functionally check the engine anti-ice system

76-00 Engine Controls

- Adjust pedestal micro-switches
- Troubleshoot faulty system

77-00 Engine Indicating

- Replace/test engine instrument(s)
- Replace oil temperature bulb
- Replace oil pressure switch
- Replace low oil pressure switch

- Replace thermocouples
 - Check EGT limit
 - Replace speed sensor(s)
 - Analyse engine vibration
- 78-00 Exhaust
- Functionally test of the thrust reverser system operation
- 79-00 Oil
- Troubleshoot faulty system
- 80-00 Starting
- Replace start relay
 - Troubleshoot faulty system
- 82-00 Engine water injection
- Trouble shoot faulty system
- 84-00 Propulsion Augmentation
- Functionally check the engine propulsion augmentation

Propeller

- 61-00 Propeller
- Check operation during ground run
 - Check setting of micro switches
 - Test propeller de-icing system
 - Troubleshoot faulty system

Piston Engines

- 71-00 Power Plant
- Establish/check reference RPM
 - Troubleshoot
- 73-00 Fuel and control
- Clean injector nozzles
 - Check injectors
 - Adjust idle/mixture
 - Troubleshoot faulty system
- 74-00 Ignition systems
- Remove/install magneto
 - Change plugs
 - Test plugs
 - Check H.T. leads
 - Install new leads
 - Check timing
 - Remove/install ignition harnesses
 - Remove/clean/install spark plugs
 - Inspect/check spark plugs
 - Trouble shoot faulty system
- 76-00 Engine Controls
- Check controls for correct assembly and locking
 - Adjust pedestal micro-switches
 - Troubleshoot faulty system
- 77-00 Engine Indicating
- Check indicating system
 - Replace/test engine instrument(s)
 - Replace oil temperature/ pressure bulb
 - Replace thermocouples
 - Replace speed sensor(s)

- Analyse engine vibration
- Troubleshoot faulty system
- 78-00 Exhaust
 - Pressure check cabin heater muffler
 - Trouble shoot faulty system
- 79-00 Oil
 - Perform oil dilution test
 - Troubleshoot faulty system
- 80-00 Starting
 - Replace starter
 - Replace start relay
 - Troubleshoot faulty system
- 81-00 Turbine
 - Inspect turbo-blower
 - Inspect heat shields
- 82-00 Engine water injection
 - Flow check water/methanol system
 - Trouble shoot faulty system
- 84-00 Propulsion Augmentation
 - Functionally check the engine propulsion augmentation

Helicopter

- 67-00 Rotorcraft Flight Controls
 - Inspect swash plate
 - Inspect collective system
 - Inspect cyclic system
 - Inspect anti-torque system