



AW139 DATA SHEET

LEONARDO HELICOPTER AW139

YOM	2026
Total Time	Delivery Hours
Configuration	Offshore
Engine	PTC6C-67C Turboshaft
Flight Rule	DP IFR
Avionic Phase	7 Phase
No. of Crew / Pax	2 Crew / 12 Pax
MTOW	7000 kg / 15 432 lbs
Availability	Q1 2026



AW139 Standard Configuration

Airframe

- Aluminum Alloy and Composite Fuselage
- Acrylic Windshields
- Overhead Cockpit
- Transparent Windows
- Lower Cockpit
- Transparent Windows
- Pilot and Co-Pilot Lower Door Windows
- Cockpit Ram Air Adjustable Outlets
- Heated Pitot Tube (Qty. 2) with Pitot Heat Failure Warning (Qty. 2)
- Heated Static Intake (Qty. 2)
- Cockpit Fire Extinguisher
- Cabin Fire Extinguisher
- Plug-In Sliding Door (Qty. 2) for Passenger Cabin Access with Locking Latch (Qty. 4) and Additional Sliding Doors Cabin Handle (Qty. 2, one on each side)
- Pilot Door (Qty. 2) with Push-Out Emergency Exit Window
Including Storm Window on Pilot's Side
- Passenger Doors Stop in Fully Open Position
- Cabin Push-Out Emergency Exit Window (Qty. 6)
Two (2) of which installed on Each Passenger Cabin Door
- Baggage Compartment with Lockable Baggage Compartment Door (Qty. 2, LH and RH)
- Wheeled Retractable Tricycle Landing Gear
Comprising Two (2) Wheels on Nose Landing Gear and Brakes on Main Landing Gear
- Structural Provisions for Nose Landing Gear Doors
- Landing Gear Mooring
- Provisions for Upper Deck Mooring
- Hoisting and Jacking Fittings
- Tail Boom and Vertical Fin
- Horizontal Stabilizer with Composite “Winglets”
- Pilot and Co-Pilot Windshield Wipers
- Maintenance Steps
Granting Upper Deck Accessibility on Both Sides
- Upper Deck Cowlings
One (1) Front Forward Sliding, Two (2) Side Opening for Engine Access
- Cockpit Footsteps
- Cabin Footsteps
- Utility Adaptive Anti Vibration Control System (AVCS) with Rotary Damping Masses

AW139 Standard Configuration

Rotors and Controls

- Fully Articulated Main Rotor (M/R) with:
 - 5x Composite Blades
 - 5x Elastomeric Bearings
 - 5x Hydraulic Dampers
- Rotating Main Rotor Flight Controls
- Main Rotor Hub Beanie
- Main Rotor Dual Servo Actuators (Qty. 3)
- Fully Articulated Tail Rotor (T/R) with:
 - 4x Composite Blades
 - 4x Elastomeric Bearings
 - 4x Fully Elastomeric Dampers
- Rotating Tail Rotor Flight Controls
- Tail Rotor Dual Servo Actuator
- Force Trim System
- Pilot Fixed Flight Controls
 - Cyclic Pitch, Collective Pitch and Anti-Torque Pedals*
- Co-Pilot Fixed Flight Controls
 - Cyclic Pitch, Collective Pitch and Anti-Torque Pedals*
- Dual Digital Three-Axis Linear Actuators

Power Plant and Fuel System

- 2x Pratt & Whitney Canada PT6C-67C Turbo-Shaft Engines
- 2x Independent FADEC Systems with Auto-Start and Engine Control Functions for Normal, Emergency and Training Operations
- 2x Magnetic Chip Detectors
- 2x Integrated and Independent Engine Oil Coolers
- Engine Firewall Protection (1x for each engine)
- Fire Detection System
- Fire Extinguisher System (2x Bottles)
- Steel Engine Exhaust and Ejector (1x for each engine)
- 2x Independent Crashworthy Fuel Cells
- 2x Engine Supply Pumps
- 2x Submerged Fuel Tank Booster Pumps
- 2x Fuel Filter Assemblies
- 2x Engine Backup Controls
 - Mechanical and Electrical*
- 2x Engine Manual Start and Ignition Systems

AW139 Standard Configuration

Transmission Drive and Hydraulic System

- Main Transmission with Two (2) Direct Drive Engine Inputs
- 3x Main Transmission Chip Detectors/Debris Collectors with Burning Capability
- 2x Freewheel Units
- 4x Strut Rods
For Upper Deck Attachment
- Anti-Torque Plate
- Intermediate Gearbox
Including Sight Gauge and Magnetic Drain Plug/Chip Detector
- Tail Gearbox
Including Sight Gauge and Magnetic Drain Plug/Chip Detector
- Dual Independent and Redundant Hydraulic Systems
- Two (2) Hydraulic Power Control Modules
- Three (3) Hydraulic Mechanical Pumps
Driven by the Main Transmission, for Controls and Landing Gear Actuation
- Electrical Pump
For Pre-Flight Checks on Ground (Engines Off)
- Air Conditioning Compressor Quill

Electrical System

- DC Primary Power Generation
28 V DC Regulated Voltage, provided by Two (2) independent 300 A Starter Generators
- DC External Power Receptacle
- 44 Ah Ni-Cd Main Battery (20 Cells)
- 2x DC Starter Generator Control Units
- 3x Navigation Lights
- Anti-Collision Light
- 2x External Emergency Landing Lights on the Sponsons
- 2x Retractable/Rotating Landing/Taxiing Lights
- 3x Baggage Compartment Lights
- Baggage Compartment Smoke Sensor

AW139 Standard Configuration

Standard Avionic Package

- Honeywell Primus Epic Phase 7 Avionic System
- Pilot and Co-pilot Primary Flight Display (PFD)
External Dimensions: 8" x 10". Color Active-Matrix Liquid Crystal Display (AMLCD)
- Pilot and Co-pilot Multi-Function Display (MFD)
External Dimensions: 8" x 10". Color Active-Matrix Liquid Crystal Display (AMLCD)
- Electronic Standby Instrument System (ESIS)
Displaying Attitude, Airspeed, Altitude, Vertical Speed, Compass and ILS Data
- 2x Attitude and Heading Reference Systems (AHRS)
- 2x Air Data Modules (ADM)
- 2x Flux Valves
- 2x Display Controllers
- 2x Cursor Control Devices (CCD)
- Reversion Control Panel (RCP)
- Display Dimming Control Panel (DCP)
- Stability Augmentation System (SAS) Control Panel
- 2x Remote Instrument Controllers (RIC)
- 2x Pedestal Mounted Multifunction Control Display Units (MCDU)
- 2x Modular Avionic Units (MAU), including the following major subsystems and/or functions:
 - Dual Vehicle Monitoring System (VMS)
 - Dual Monitor Warning System (MWS)
 - Single Aural Warning Generator (AWG)
 - Single Central Maintenance Computer (CMC)
 - Provision for (CVR/FDR) Data Interface
- Pilot and Co-Pilot Interphone Control
Cyclic Grip and Floor Switches
- Left Modular Radio Cabinet (MRC), including:
 - VHF Radio
 - VOR/LOC/GS/MB
- Right MRC, including:
 - VHF Radio
 - VOR/LOC/GS/MB
 - Automatic Direction Finder (ADF)
 - Distance Measuring Equipment (DME)
- Flight Guidance Controller
- Pilot and Co-Pilot Digital Audio Panels
Including Remote ICS Audio Plug for Ground Operations

AW139 Standard Configuration

Standard Avionic Package

- Pilot and Co-pilot Digital Clock
- Magnetic Compass
- Outside Air Temperature (OAT) Indicator
- 2x Master Warning Lights (MWL)
- 2x Master Caution Lights (MCL)
- Engine 1 & 2 Fire Light
- Baggage Compartment Smoke Detector Light
- Dual Electrical Power Connection for CVR/FDR
Compliant to the Federal Aviation Administration (FAA) Requirement

Painting

- Painting and Finishing – Standard
- Maritime Protection

Interior

- Pilot and Co-pilot Adjustable Seat
with Inertia-Reel and Safety Belts
- Cockpit Dome/Storm Light
- 2x Cockpit Utility Lights
- 28 V DC Cockpit/Cabin Power Outlet
- Cockpit Panel Sun-Glare Shields
- Overhead Cockpit Windows Sun Shades
- Fluorescent Emergency Exit Signs
- Cockpit Map and Data Case
- Pilot and Co-Pilot Flash Lights
- Cabin ICS Panel with Plug for One Headset
- First Aid Kit

AW139 Standard Configuration

Miscellaneous & Ground Equipment

- Cargo Net in the Baggage Compartment
For Increased Load Capacity (up to 300 kg/661 lb)
- Covers and Flags for:
 - 2x Engine Exhaust Pipes
 - 2x Engine Air Inlets
 - 2x Pitot Tubes
- Battery Connector Warning Flag
- 5x Tie-Down Assemblies for Main Rotor Blades
- Tail Rotor Blades Flapping Block
- Main Rotor Blades Sock Pole
- 2x Main Landing Gear Wheel Chocks
- Main Rotor Balance and Tracking Chart
- Tail Rotor Balance Chart
- Nose Landing Gear Centre Pin and Landing Gear Handle Locking Pin
- Jacking Dome Assembly
- Tow Bar
- Pilot, Co-Pilot and External Operator H10-13H David Clark Headsets
- Loose Equipment Bag

AW139 Standard Equipment

AW139 Premium Equipment

- Forced Fan Ventilation
- Bleed Air Heater and Defroster with Air Noise Suppression
- Cockpit Air Ventilation System
- Two (2) Pilot Headset Hooks
- Baggage Compartment Cargo Tie-Down Fittings For
Increased Load Capacity (up to 300 kg/661 lb)
- Rotor Brake
- 2x Radar Altimeter RT-300
- 4-axis Dual Digital Automatic Flight Control System (DAFCS) – Basic
Incorporated in the Modular Avionic Units (MAUs)
- Dual Flight Director System
Incorporated in the Modular Avionic Unit (MAU)
- 2x GPS Modules (GNSS/SBAS – Global Navigation Satellite System/Satellite Based Augmentation System) with Flight Plan Management System (FPMS)
- Mode S Diversity Transponder with Extended Squitter (ADS-B Out 1,090 MHz)
Incorporated in the Modular Radio Cabinet (MRC)
- Cockpit Voice Recorder & Flight Data Recorder (CVR/FDR) with Underwater Locator Beacon (ULB)
- Health & Usage Monitoring System (HUMS)

Interior Equipment - Cabin

- 30-A-011-3CM Lightweight Rigid Liner Cabin
 - Polycarbonate Liners with Lightweight Soundproofing
 - Standard Roof Liners with Dome Lights
 - P.A. (Passenger Address) System with Loudspeakers on ICS
 - Rubber Carpet (loose equipment)
- 30-A-056-3CM 12 Lightweight Seats Passenger Transport Layout
 - Lightweight Crashworthy Comfortable Passenger Seat (Qty 12)
- 30-K-173-3CM Air Conditioning System

Interior Equipment - Cockpit

- 30-K-127-4CM Windshield Washing System
- 30-K-130-4CM Pilot and Co-Pilot Approach Plate/Chart Holders with Lights
- 30-K-123-4CM Co-Pilot Hinged Window (Storm Window)

AW139 Standard Equipment

Avionics Equipment

- 30-K-264-5CM 27 Ah Auxiliary Heavy Duty Battery
In lieu of Standard 13 Ah Battery
- 30-K-269-5PR Enhanced Ground Proximity Warning System (EGPWS) – Provision
- 30-K-269-5RM Enhanced Ground Proximity Warning System (EGPWS) – Removable
- 30-K-271-5PR Helicopter Operations Monitoring Program (HOMP) – Provision
- 30-K-271-5RM Helicopter Operations Monitoring Program (HOMP) – Removable
- 30-K-322-5CM SATCOM Iridium Skytrac ISAT 200A with Fleet Tracking and E-Mail
- 30-K-290-5CM Direction Finder Chelton DF935-11 with Multi-Beacon Tracking and OTPI (On Top Position Indicator)
- 30-K-293-5PR HF/SSB Transceiver Honeywell Primus HF-1050 – Provision
- 30-K-293-5RM HF/SSB Transceiver Honeywell Primus HF-1050 – Removable
- 30-K-324-5PR TCAS II Honeywell TPA 100B - Provision
- 30-K-324-5RM TCAS II Honeywell TPA 100B – Removable
Required for VFR Night Single Pilot Operations
- 30-K-310-5PR VHF/FM NAT NPX -138 – Provision
- 30-K-310-5RM VHF/FM NAT NPX -138 – Removable
- 30-K-413-5PR Weather/Search Radar Honeywell IntuVue RDR-7000 Maritime with Volumetric Buffer - Provision
- 30-K-413-5RM Weather/Search Radar Honeywell IntuVue RDR-7000 Maritime with Volumetric Buffer – Removable
- 30-K-263-5CM 2-Frequency Automatic Deployable ELT (ADELT) with Embedded GPS
In lieu of Standard ELT
- 30-K-400-5CM Additional Low Speed Landing Gear Aural Warning

AW139 Standard Equipment

Utility Equipment

- 30-K-356-6CM Tail Fin Camera
- 30-K-359-6CM 2x Under Belly Camera
Including Video Module in Modular Avionics Unit (MAU)
- 30-K-370-6CM Helicopter Emergency Exit Lighting System (HEELS)
- 30-K-390-6PR Integrated Life Rafts and Floats System (DART) up to 18 passengers each – Provision
- 30-K-390-6RM Integrated Life Rafts and Floats System (DART) up to 18 passengers each – Removable
- 30-K-397-6CM Winglets Strobe Lights
- 30-K-400-6PR Transversal Auxiliary Fuel Tank (400 kg/132 USgal) – Provision
- 30-K-400-6RM Transversal Auxiliary Fuel Tank (400 kg/132 USgal) – Removable

Mission Equipment

- 30-K-515-7CM Increased Gross Weight (IGW) – 7,000 kg / 15,432 lbs



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