

Lockheed Martin  
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SIKORSKY  
**S-76D**™ | Executive  
Helicopter

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Sikorsky Aircraft Corporation proudly presents S-76D helicopter serial number 761019 for purchase. This helicopter was purpose-built for the transportation of personnel and has been meticulously maintained since 2013. General information and a detailed listing of its features follow.

Manufacturer	Sikorsky, A Lockheed Martin Company
Model Designation	S-76D
Serial Number	761019
Date of Manufacture	2013
Civil Registration Number	N553XB
Total Time, Airframe	170 Hours as of January, 2019
Number and Type of Engines	Two (2) Pratt & Whitney Canada PW210S, Turboshaft No. 1 Engine Serial No.: BM0035 TTE(1): 170 Hours since new No. 2 Engine Serial No.: BM0034 TTE(2): 170 Hours since new
Maximum Gross Weight	11,875 lbs.
Equipped Weight Empty	8,633 lbs., as configured
Basic Mission Configuration	Executive transport configuration, eight (8) passengers
Airworthiness Status	USA FAA Certificate of Airworthiness
Present Location	Sikorsky, A Lockheed Martin Company, Coatesville, PA



## PART 1 – BASELINE AIRCRAFT

The following list of equipment defines the configuration of the Baseline S-76D Helicopter.

### DYNAMIC SYSTEM

Two Pratt & Whitney PW210S engines and a four bladed articulated main rotor system with dual cockpit controls. Active Vibration Control (AVC) system with single nose vertical force generator for passenger comfort. UTC Aerospace Systems Health and Usage Monitoring System (HUMS) and maintenance laptop Retractable landing gear and dual fuel tanks with a capacity of 290 usable gallons.

### COCKPIT

Features include an integrated Thales TopDeck avionics suite with Rockwell Collins Proline 21 communication and navigation radios, and a bleed air heating and defogging system for cold weather. The cockpit contains two pilot positions with energy attenuating seats equipped with five point restraint systems and is accessed via two hinged doors.

### CABIN

Large 204 ft<sup>3</sup> (5.78 m<sup>3</sup>) cabin that can be configured for various missions and a 38 ft<sup>3</sup> (1.1 m<sup>3</sup>) baggage compartment. Cabin and baggage compartment both feature two hinged doors. Bleed air heating controlled from cockpit.

### THALES TOPDECK AVIONICS SUITE

Four Thales IAD 68 (Integrated Avionics Displays) including a dual embedded FMS functionality, dual MCDU (Multipurpose Control and Display Units), dual Vehicle Monitoring Modules (VMMs) providing data concentration functions, dual Litef LCR-100 AHRS, dual Thales ADU 3200 Air Data Computers, and dual Flight Control Modules (FCM) and actuators provide the four axis autopilot with Stability Augmentation System (SAS), Autopilot (ATT) and Coupled Flight Director (CFD) functions and attitude rate damping.

### RADIO NAV/COMM

Dual Collins VHF-4000 radios, Collins TDR-94D mode S transponder with diversity, single Collins NAV-4000 providing VOR/ILS/MB and embedded ADF, single NAV-4500 for VOR/ILS/MB, single Collins DME-4000, single Thales AHV-1600 radio altimeter and single Thales Topstar 200NG GPS sensor. Thales multi-function displays include a digital moving map with navigation data stored on removable flash memory cards.

### AUDIO

Dual Cobham 380 Audio control panels with ICS and VOX plus three maintenance jacks, one in the cabin and two in the baggage compartment. Also includes dual 45 degree pedestal mounted ICS foot switches, three David Clark Headsets, one six-foot walk-around cord and two 30-foot walk-around cords, Cobham 251 Cabin paging/chime system and an electronic Passenger Briefing System – PBS 250.

### BACKUP/SAFETY SYSTEMS

Honeywell MKXXII Enhanced Ground Proximity Warning System, FDR/CVR with backup power supply, 3" Thales Integrated Electronic Standby Indicator (IESI) provides backup attitude, airspeed, altitude, nav cues from NAV 1 or NAV 2, and VHF 2 and cabin electric door locks. Flight Director Decouple Warning System with visual and aural warnings.

### WEATHER-RELATED SYSTEMS

Engine Inlet Inertial Particle Separator (IPS), Windshield Wiper and Washer System and Heated Glass Windshields. Provisions for Honeywell Primus weather radar.

### ELECTRICAL

28 Volt Electrical System with two 250 Amp Generators and one 10 KVA, 115VAC AC Generator.

## Helicopter Configuration Summary (continued)

### PART 2 – COMPLETION SERVICES

The following list of equipment defines the S-76D Standard Executive Helicopter.

#### AVIONICS ITEMS:

- Dual WAAS GPS with LPV approach capability
- Single Mode S Transponder with Diversity and ADS-B Out – TDR 94D
- Cabin ICS with with four Bose Type jacks
- Weather Avoidance Radar – Primus 660
- Traffic Alert and Collision Avoidance System, KTA 970 – TCAS I
- Paging/Briefing Interior Speakers, Two
- 5VDC USB cockpit outlets - Dual center console accessory outlets
- Dual VHF-4000 with 8.33 KHz channel spacing
- TFM VHF/FM high-band transceiver

#### PAINTS & FINISHES:

- Exterior Paint Preparation and Finish

#### INTERIORS:

- Enhanced Collective Guards
- Deluxe VIP Interior Group
- Aft Facing Bench, Three/Four Passenger w/ fold-down armrests, fold-down counter table and 3 Under-Seat Storage Drawers
- Forward Facing Divan, Three/Four Passenger w/ fold-down armrests, fold-down center table and Under-Seat Storage Cabinets
- Deluxe VIP Bulkhead Storage Compartment
- Cabin Coat Hooks, Two
- Cup Holder Set, Cabin
- Seat Belt Extender
- Cabin headset hooks (4)

#### UNIQUE ITEMS:

- Fuel Filler Scuff Plates, LH and RH
- Baggage Door Hold Open and Replace with Rubber Stop
- Screen on Tail Rotor Transmission Sight Hole to Prevent Bird Nesting
- Baggage Bay Door Nets
- Cable Stop to Forward Fairing Side Inspection Doors
- Landing Gear Pin Storage on Side of Cockpit Center Console
- Windshield Post Compass Card Holders
- Protective Metal Strip on Lower Edge of Baggage Compartment Door Openings
- Protective Metal Striker Plate for Baggage Door Lock Pins

#### AIRCRAFT ITEMS:

- Fuel Valve Access Panels
- Hydraulic Quick Disconnect Relocation
- Air Conditioning System
- Digital Cabin Air Temperature Indicator – Cockpit
- High Intensity Strobe/Anti-Collision Lights – HISL
- Approach Plate Holder, Lighted – Pilot
- Approach Plate Holder, Lighted – Copilot
- Bulkhead Cap Angle Sta. 188, Removable
- Emergency Flotation System Completion
- Automatic Deployment System for Flotation
- Cyclic Stick Position Warning System – Audible/Visual
- Exterior paint - VIP/Executive finish
- 5P Bifilar Vibration absorber
- Boarding Step, Retractable - LH & RH
- Engine Inlet door and main pylon handholds
- Maintenance Covers - Exterior
- Two 110 VAC, 60Hz Cabin Outlets and Inverter - 500 VA
- Two 5VDC USB cabin outlets
- Additional LED Landing Light - LH Main Gear
- LED Recognition Lights - Forward Facing
- Windshield post compass card holders
- Nose Lateral Force Generator
- Cabin Lateral Force Generator
- Enhanced Door Pins, Cockpit & Cabin
- Sun Visors, Gray Tint
- Sun Tint Windshield
- Engine Fluid Deflectors

#### TRAINING & SUPPORT:

Sikorsky believes that solid training and support programs are key elements to achieving high availability rates. Sikorsky offers signature level support that only Sikorsky is able to provide. It includes flexible Pilot and Maintenance Training along with various support services such as Total Assurance Plans (TAP) and Powertrain Assurance Plans (PAP) that will allow you to take full advantage of the capabilities of this aircraft.

All covers, plugs, headsets, Data Loaders and other loose equipment originally delivered with the Used Helicopter from the factory when new shall be included.





Representative Examples



Exterior Paint Scheme

Alternative color palettes are available.

