



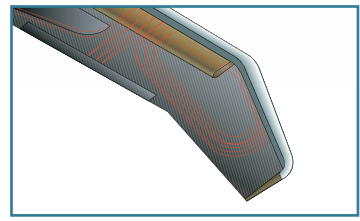
Quiet Tail Rotor (QTR)



PW210 Engines



Flaw Tolerant Blades, Rotor Ice Protection System and Integrated Tip Cap



Thales Avionics and Autopilot



Executive Cabin



Sikorsky S-76D™ Helicopter
The next step in helicopter technology



Sikorsky S-76D™ Helicopter

The next step in helicopter technology

Performance

- 1,000 pounds more useful load on hot day
- New PW210 engines designed for S-76D helicopter
- Flaw-tolerant composite blades

Safety & Reliability

- Approved for flight into known icing conditions
- Next generation Thales avionics system

Comfort and styling

- Sleek new exterior look
- More spacious cabin interior with reduced internal noise and vibration
- Reduced external noise providing improved public acceptance
- Blade, engine and avionics improvements enhance reliability

Rugged, reliable engine

- Designed optimally for the S-76D, leveraging the PW200 Series experience
- Mature TBO 3,500 hours
- On-condition HSI
- Simple, rugged turbo-machine with uncooled high pressure turbine blades

New Sikorsky/Thales avionics system and autopilot

- Reduces weight and increases functionality
- Reduces pilot workload, scan and cockpit complexity
- Improves aesthetics
- Improves outside visibility
- Eliminates obsolescence issues
- Provides growth capability for next generation technology
- Increases reliability
- FAR/JAR Part 29 Amendment 47 compliant



Performance

Maximum Gross Weight	11,700 lb	5,306 kg
Maximum Cruise Speed	155 kts	287 kph
Maximum Range - No Reserve	441 nm	818 km
Hover In Ground Effect Ceiling	9,700 ft	2,957 m
Hover Out of Ground Effect Ceiling	5,000 ft	1,524 m
One Engine Inoperative Service Ceiling	7,550 ft	2,301 m
All Engines Operational Service Ceiling	15,000 ft*	4,572 m*

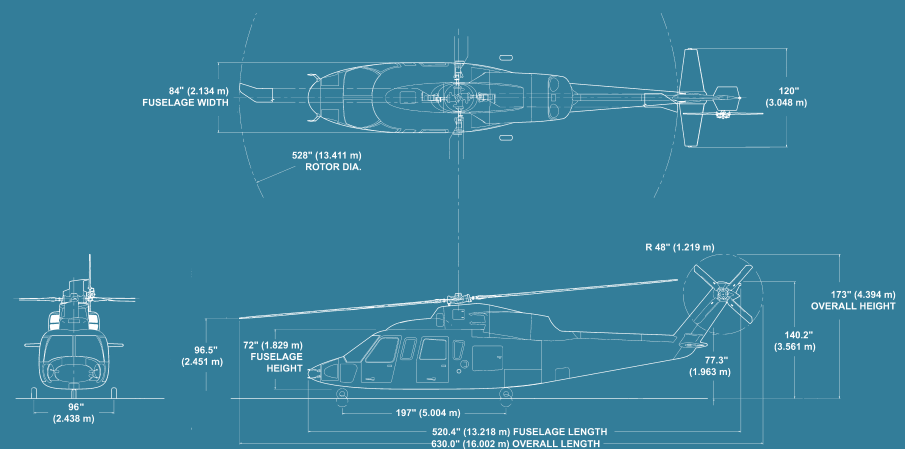
Powerplant and fuel system

Number of Engines	2	
Engine Type	Pratt & Whitney Canada PW210S	
Take-off Shaft horsepower (5 min)	1,050 shp	783 kw
OEI Shaft horsepower (30 sec)	1,241 shp	925 kw

Accommodations

Cabin Length	7.92 ft	2.41 m
Cabin Width	6.25 ft	1.93 m
Cabin Height	4.42 ft	1.35 m
Cabin Area	50 sq ft	4.65 sq m
Cabin Volume	204 cu ft	5.78 cu m
Baggage Volume	38 cu ft	1.08 cu m
Seating	13	

* Operational Limit



6900 Main Street, Stratford, Connecticut 06615 USA
 +(800) WINGED-S (946-4337) or +(203) 386-4282
www.sikorsky.com



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 A United Technologies Company

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