Schweizer Helicopters A Name You Trust

The long-established history of safety is a hallmark of Schweizer helicopters. As the most trusted light helicopter for training and missions, pilots appreciate the confidence the Schweizer series, now S300C™ and S300CBi™, delivers. The Schweizer series has the finest safety record of any FAA certified, piston-powered helicopter which is substantiated by the National Transportation Safety Board (NTSB) accident statistics.

Estimated Direct Operating Costs

The following represents estimated average operating costs over a period of 5,000 hours in US dollars, assuming US costs predicted for fuel, shop labor rates and parts costs.

	S300CBi™	S300C™
Fuel and Lubricants		
Average fuel consumption (gallons per hour)	10.5	11.8
Fuel cost per gallon (dollars/gal)	$4.85	$4.85
Cost of fuel (dollars/fh)	$50.93	$57.23
Cost of lubricants, 3% of fuel (dollars/fh)	$1.53	$1.72
Total costs for fuel and lubricants (dollars/fh)	**$52.45**	**$58.95**
Maintenance Labor		
Shop labor rate (dollars/fh)	$85.00	$85.00
Direct maintenance (h/fh)	0.38	0.38
Indirect maintenance(h/fh)	0.12	0.12
Total maintenance (h/fh)	**0.5**	**0.5**
Total cost for maintenance labor (dollars/fh)	**$42.50**	**$42.50**
Reserves		
Engine overhaul	$19.09	$39.20
Unscheduled replacement and on-condition parts	$6.20	$6.33
Scheduled maintenance/inspection materials	$1.10	$1.10
Major component overhaul @ TBO and replacement of retirement items	$62.41	$66.37
Total cost of reserves	**$88.80**	**$113.00**
Total direct operating cost (dollars/fh)	**$183.75**	**$214.45**

Note: The operating data provided herein is estimated. Schweizer endeavors to ensure that this data is current and meaningful for operating cost evaluations. Schweizer, however, does not warrant, and you should not rely upon, this data as defining the operating costs or overhaul/retirement times for any particular S300C™ or S300CBi™ helicopter or its components.

SCHWEIZER

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Proudly Manufactured in Fort Worth, TX USA.

The World's Safest Light Helicopters

SCHWEIZER

The Future of Schweizer is Today

Specifications SCHWEIZER S300CBi™

Performance

Standard day, sea level, maximum gross weight unless otherwise noted

Maximum speed (VNE)	94kts	174km/hr
Maximum cruise speed (vh)	80kts	148km/hr
Hover ceiling, In-Ground-Effect (1700 lb.)	7,000 ft	2,133 m
Hover ceiling, Out-of-Ground-Effect (1700 lb.)	4,800 ft	1,463 m
Range (long range cruise* speed @ 4,000 feet) (no reserve)		
- 32.5 gallon		
- 64.0 gallon		

Weights

Maximum takeoff gross weight	1,750 lb	794kg
Empty weight, standard configuration	1,102 lb	500 kg
Useful load	648 lb	294 kg

Dimensions

Fuselage length	22.19 ft	930 kg
Fuselage width	4.25 ft	1.30 m
Fuselage height	7.17 ft	2.18 m
Overall length (rotors turning)	30.83 ft	9.40 m
Overall height (to top of tail rotor)	8.72 ft	2.65 m
Width (canopy)	4.25 ft	1.30 m
Main rotor Diameter	26.83 ft	8.18 m
Main landing gear tread (fully compressed)	6.54 ft	1.99 m

Accommodations

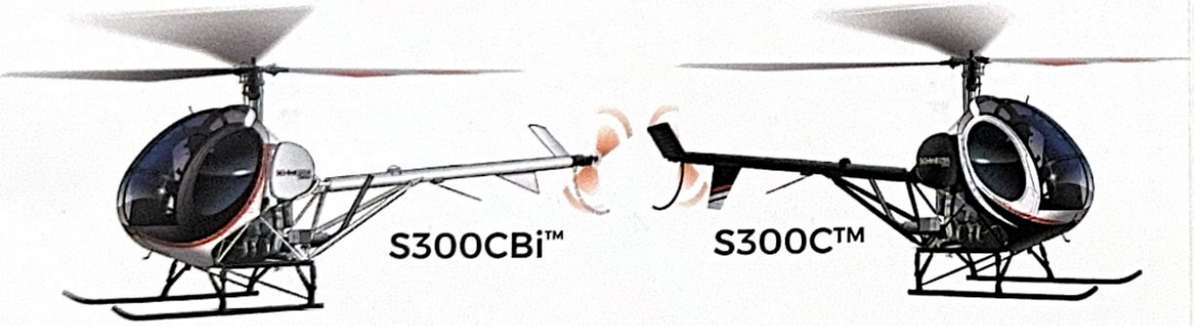
Normal cabin seating (training)	2 passengers	
Maximum certified cabin seating (utility)	3 passengers	
Cabin length	4.75 ft	1.45 m
Cabin width	4.92 ft	1.50 m

Powerplant

Type	Textron Lycoming HIO-360-G1A	
Powerplant ratings (per engine, standard day, sea level)		
- Takeoff (5-minute)	180 shp	134 kw
- Maximum continuous	180 shp	134 kw

Fuel Capacity

Standard fuel capacity	32.5 US gal	123.03
Extended range capacity	64.0 US gal	242.27



Excellent Safety Record • Stable Handling Characteristics • Rugged Reliable Component Design

Specifications SCHWEIZER S300C™

Performance

Standard day, sea level, maximum gross weight unless otherwise noted

Maximu speed (VNE)	95kts	176km/hr
Maximum cruise speed (vh)	86 kts	159km/hr
Hover ceiling, In-Ground-Effect (1700 lb)	10,800 ft	3,292 m
Hover ceiling, Out-of-Ground-Effect (1700 lb)	8,600 ft	2,621 m
Range (long range cruise* speed @ 4,000 feet) (no reserve)		
- 32.5 gallon		
- 64.0 gallon		

Weights

Maximum takeoff gross weight	2,050 lb	930kg
Empty weight, standard configuration	1,100 lb	499 kg
Useful load	950 lb	431 kg

Dimensions

Fuselage length	22.19 ft	930 kg
Fuselage width	4.25 ft	1.30 m
Fuselage height	7.17 ft	2.18 m
Overall length (rotors turning)	30.83 ft	9.40 m
Overall height (to top of tail rotor)	8.72 ft	2.65 m
Width (canopy)	4.25 ft	1.30 m
Main rotor Diameter	26.83 ft	8.18 m
Main landing gear tread (fully compressed)	6.54 ft	1.99 m

Accommodations

Normal cabin seating (training)	2 passengers	
Maximum certified cabin seating (utility)	3 passengers	
Cabin length	4.75 ft	1.45 m
Cabin width	4.92 ft	1.50 m

Powerplant

Type	Textron Lycoming HIO-360-D1A	
Powerplant ratings (per engine, standard day, sea level)		
- Takeoff (5-minute)	190 shp	141 kw
- Maximum continuous	190 shp	141 kw

Fuel Capacity

Standard fuel capacity	32.5 US gal	123.03
Extended range capacity	64.0 US gal	242.27