

SIMPLY THE BEST FOR TRAINING AND PERSONAL USE

# The Schweizer 300C*Bi* Piston Helicopter

# 300C*Bi*



The thrill of flying helicopters safely, economically and to professional standards is what the Schweizer 300C*Bi* is all about.

Point designed for the training role, the 300C*Bi* has a proven record of success and multi-mission capability. Exceptional value, outstanding flight characteristics, and unmatched safety and crashworthiness set the 300C*Bi* apart.

## The features of the Model 300C*Bi*

1. Most cost effective and mission effective training helicopter.
2. Spacious cabin with the highest loading capacity in its class.
3. Responsive and forgiving flight handling characteristics.
4. Fuel injected, 180 horsepower engine and Schweizers innovative STAR system.
5. Exceptional safety margins and large power reserve.
6. Tri-Level energy absorption system provides superior crashworthiness.
7. Excellent autorotational characteristics.
8. Standard aircraft fully equipped for training and personal use.
9. Field replaceable components for easy maintenance and less down time.
10. Mandatory retirement times for all life-limited components exceed 4000 hours.

**The Schweizer 300C*Bi* provides outstanding performance, rugged dependability, and inherent value. See for yourself. Visit the Schweizer Sales Center nearest you or contact Schweizer Aircraft today.**

THE MORE YOU KNOW THE MORE YOU'LL LIKE THE SCHWEIZER!

# Schweizer Model 300CBi

## PERFORMANCE

Vne (Kias) at sea level	94 Kts.	174 km/hr
Cruise Speed	80Kts.	148 km/hr
Maximum Endurance (32 Gal)	3.0 hrs	3.0 hrs
Maximum Endurance (64 Gal)	6.0 hrs	6.0 hrs
Maximum Range (32 Gal)	225 nmi	417 km
Maximum Range (64 Gal)	440 nmi	815 km
Hover Ceiling IGE @ 1600 lbs.	7,000 ft	2133 m
Hover Ceiling OGE @ 1600 lbs.	4,800ft	1463 m

## DIMENSIONS

Height (overall)	8.72 ft.	2.65 m
Length (overall)	30.83 ft.	9.40 m
Fuselage length	22.19 ft.	6.76 m
Landing gear tread width	6.54 ft.	1.99 m

## WEIGHT

Empty weight	1,102 lbs	500 kg
Gross weight	1,750 lbs	794 kg
Useful load	648 lbs	293 kg

## POWERPLANT

Textron Lycoming HIO- 360-G1A Engine		
Maximum Take off	180 shp	134 kw
Maximum Continuous	180 shp	134 kw

## ROTOR SYSTEM

Main rotor diameter	26.83 ft	8.18 m
Main rotor disk areas	565 sq ft	52.49 sq m
Main rotor RPM	471	
Tail rotor RPM	4.25 ft	1.30 m

## FUEL

Standard capacity	32 gal	192lbs	87 kg
Auxiliary Fuel	64 gal	384 lbs	174 kg

## SEATING CAPACITY

Standard right hand PIC	2 seats
Optional left hand PIC	3 seats

## THE 300CBi...SIMPLY THE BEST FOR TRAINING AND PERSONAL USE.

- Fuel injection eliminates the need for carburetor heat and removes the risk of carburetor ice. Throttle correlation and engine response is smooth and immediate.
- STAR system provides engine start-up overspeed protection, automatic rotor engagement and low rotor/engine RPM warning signals.
- With the 4000 hour splined main rotor driveshaft and 8000 hr splined main rotor hub, the limits of all mandatory retirement components are now 4000 hours or more.
- Standard equipment includes the basic avionics and accessories required by most operations.
- Spacious cockpit, outstanding flight handling characteristics, and 648 pounds of useful load make the 300CBi a pleasure to fly.
- For most commercial operators, the 300CBi will provide a lower cost of ownership than any other helicopter.
- The 300CBi comes with a comprehensive warranty backed by Schweizer's commitment to excellent product support.

