

# SPORT UTILITY



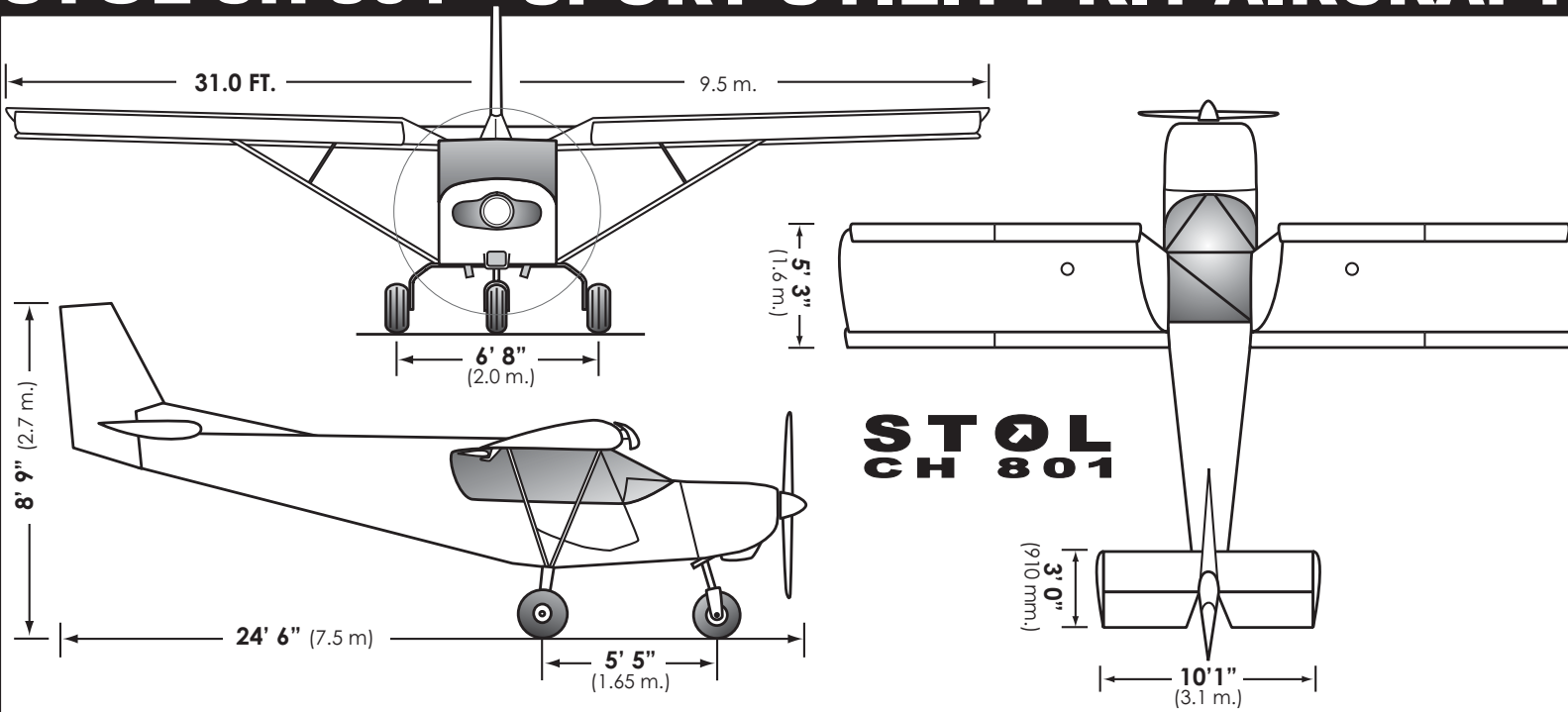
The **STOL CH 801** brings 'Sport Utility' to aviation: Four seats (1,000 lbs. useful load), outstanding short and rough field off-airport performance, all-metal durability – available at a very affordable cost. With form following function, the STOL CH 801 looks like the utility plane it's designed to be – with fixed wing leading edge slats, a large 44-inch wide cabin, heavy-duty tricycle gear and low-maintenance all-metal construction. Combining **Sport** and **Utility**, the STOL CH 801 takes off the ground in just a few hundred feet while carrying up to half a ton.



[www.zenithair.com](http://www.zenithair.com)

# STOL CH 801

# STOL CH 801 SPORT UTILITY KIT AIRCRAFT

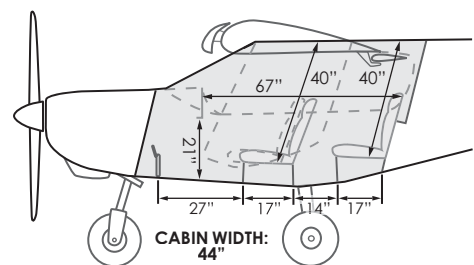


**STOL  
CH 801**

PERFORMANCE	Typical Load: 500 lbs. 1,650 lbs.	Gross Weight: 1000 lbs. 2,150 lbs.	SPECIFICATION FIGURES		
			Standard Configuration		
Lycoming O-360, 180 BHP			LENGTH	24 Ft. 6 In.	7.5 m.
TAKE-OFF ROLL	290 Ft.	390 Ft.	HEIGHT	8 Ft. 9 In.	2.7 m.
MAX. LEVEL SPEED	112 MPH	110 MPH	WING SPAN	31 Ft. 0 In.	9.5 m.
CRUISE SPEED (75%)	106 MPH	105 MPH	WING AREA	167 Sq. Ft.	15.5 m.sq.
STALL SPEED	35 MPH	39 MPH	EMPTY WEIGHT	1,150 Lbs.	522 kg.
RATE OF CLIMB	1,200 fpm	720 fpm	GROSS WEIGHT	2,150 Lbs.	975 kg.
SERVICE CEILING	16000+ Ft.	14000 Ft.	USEFUL LOAD	1,000 Lbs.	455 kg.
RANGE / ENDURANCE (Std.)	320 miles / 3 Hrs.	315 miles / 3 Hrs.	G LOAD (Ultimate)	+6 / -3 G	+6 / -3 G
EXTENDED RANGE OPTION	640 miles / 6 Hrs.	630 miles / 6 Hrs.			

Above performance figures with the Lycoming O-360-A engine (180 BHP; 420 lbs. with accessories and fixed-pitch Sensenich 76-EM8-0-54 metal propeller). Standard atmosphere, sea level, no wind. Performance and specification figures based on prototype flight test results; subject to change without notice. Suitable power range: 150 - 240 BHP, up to 440 lbs. installed. Different engines and options will affect performance and specification figures. Source: Zenair Ltd.

The STOL CH 801 is a four-seat sport utility kit aircraft based on the successful two-seat STOL CH 701 designed by aeronautical engineer Chris Heintz in the mid eighties. The larger STOL CH 801 has been developed to expand the utility of the STOL CH 701 model by increasing the useful load from 500 lbs. (225 kg) to 1,000 lbs. (450 kg.) while retaining the original design's excellent short and rough field capability. Built of durable all-metal construction, the STOL CH 801 is designed to provide the durability and ruggedness required of an "off-airport" bushplane, while being quick and easy to build and maintain. Developed as a true sport utility kit aircraft, the STOL CH 801 offers many modern features for truly spectacular short-field performance, overall versatility and maximum capability. Simple systems make the STOL CH 801 easy to build and maintain, while maximizing reliability. Its slow stall speed makes the aircraft easy and fun to fly, even for the novice low-time pilot, while its short field performance will amaze even the seasoned bush pilot.



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- DEMO VIDEO:** \$20.00 (  PAL Format)
- INFORMATION MANUAL (no video):** \$15.00  
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