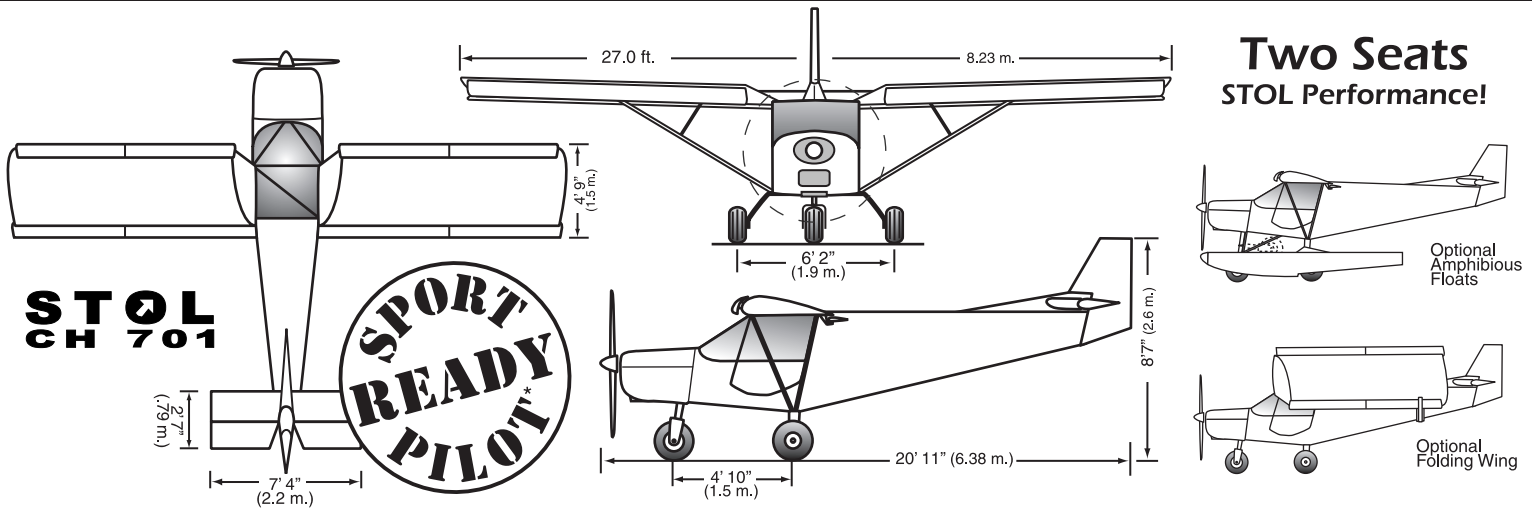


STOL CH 701 SPORT UTILITY KIT AIRCRAFT



**Two Seats
STOL Performance!**

PERFORMANCE & SPECIFICATIONS

PERFORMANCE with Rotax 912 - 80 hp	Single	Dual	SPECIFICATION FIGURES Standard Configuration		
TAKE-OFF ROLL	60 Feet	90 Feet	LENGTH	20 Ft. 11 In.	6.38 m.
MAX. LEVEL SPEED	95 MPH	95 MPH	HEIGHT	8 Ft. 7 In.	2.6 m.
CRUISE SPEED (75%)	80 MPH	80 MPH	WING SPAN	27 Ft. 0 In.	8.23 m.
STALL SPEED	28 MPH	30 MPH	WING AREA	122 Sq. Ft.	11.4 m.sq.
RATE OF CLIMB	1,600 fpm	1,400 fpm	EMPTY WEIGHT	580 Lbs.	263 kg.
SERVICE CEILING	16000+ Ft.	14000+ Ft.	GROSS WEIGHT	1,100 Lbs.	500 kg.
RANGE (no reserve)	400 miles	400 miles	USEFUL LOAD	520 Lbs.	236 kg.
ENDURANCE (no reserve)	5 hours	5 hours	G LOAD (Ultimate)	+6 / -3 G	+6 / -3 G

Above performance and specification figures with the Rotax 912 engine (80 BHP). Standard atmosphere, sea level, no wind. Performance and specification figures based on prototype flight test results; subject to change without notice. Different engines and options will affect performance and specification figures. * Subject to meeting actual FAA rules.

STOL CH 701 Complete Airframe Kit **\$ 12,980.00**

The standard STOL CH 701 kit comes with all kit parts to build the airframe: The complete kit includes the factory riveted wing spars, pre-formed sheet-metal parts (ribs, skins, etc.), factory-welded parts, landing gear system and wheels, dual wing tanks fuel system, controls, and all hardware required for assembly. Not included in the airframe kit: firewall-forward powerplant and instruments packages, paint, and upholstery.

ROTAX Powerplant Packages

The 'firewall-forward' powerplant package includes the Rotax 912 / 912S engine plus firewall-forward accessories for installation: engine mount, vibration dampeners, generator, voltage regulator, exhaust and intake manifolds, 'easy-access' fiberglass engine cowl, radiator cooling system, oil reservoir, dual carburetors, three-blade ground adjustable propeller with spinner, engine controls, hardware and Rotax installation and operating manuals. Battery and wiring not included. The Instruments Package includes all the basic flight instruments and engine gauges for the Rotax powerplant: Airspeed, Ball, Magnetic Compass, Sensitive Altimeter, Tachometer (RPM), Oil Temperature & Pressure, Coolant Temperature, Voltage Indicator & Hourmeter. Accessories included.

	Rotax 912 (80 HP, 912 UL 2)	Rotax 912S** (100 HP, 912 ULS 2)
Rotax Aircraft Engine (as supplied by Rotax)	\$ 10,689.00	\$ 11,680.00
Firewall-Forward Accessories for Installation	\$ 3,672.00	\$ 3,928.00
Instruments Package (for Rotax engines)	\$ 1,050.00	\$ 1,050.00

** Rotax 912S includes installed gearbox slipper clutch.

Available Options: Electric Trim, Nav/Strobe Lights, Folding Wings Kit, Cabin Heater, Upholstery and Floats.

Sport Pilot Ready: Subject to meeting actual FAA rules. The STOL CH 701 kit aircraft meets the definition of a Light-Sport Aircraft as defined in the NPRM "Certification of Aircraft and Airmen for the Operation of Light Sport Aircraft." As the new category is still in the proposal (NPRM) stage, the design is currently available only in kit form for registration in the "Experimental - amateur-built" category. A Sport Pilot may fly any aircraft that meets the definition of a Light-Sport Aircraft, and such aircraft does not need to change its certification category to be operated by a Sport Pilot. Zenith Aircraft Company cannot guarantee that the aircraft, as constructed by the builder, will meet the definition of a Light-Sport Aircraft.

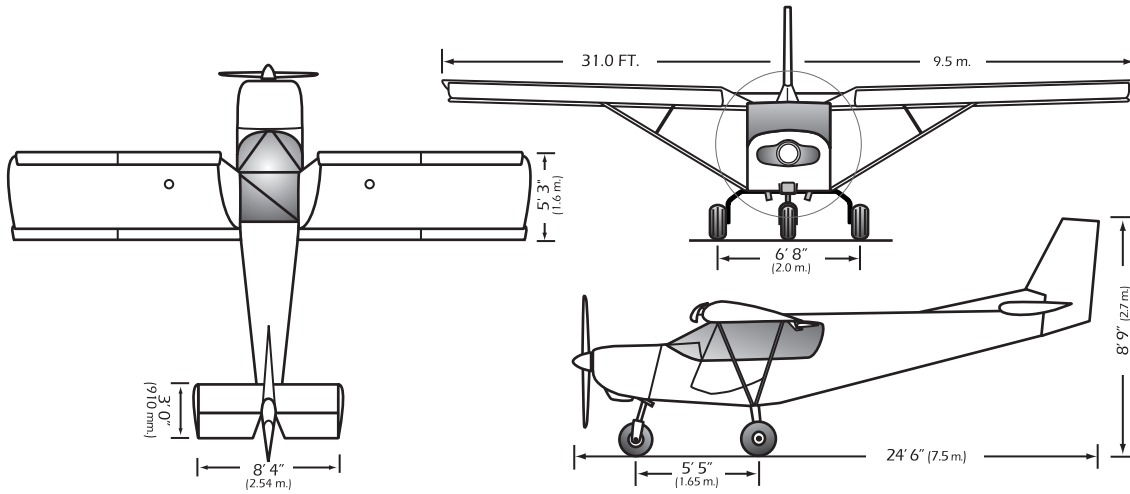
ZENITH AIRCRAFT CO.
PO Box 650, Mexico Memorial Airport,
Mexico, Missouri 65265-0650 USA
TEL: 573-581-9000 FAX: 573-581-0011



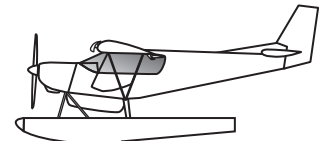
Information Manual: \$15.00
Demonstration Video: \$20.00

Visit us online for complete details
zenithair.com

STOL CH 801 SPORT UTILITY KIT AIRCRAFT



Four Seats
1,000 lbs. Useful Load



Optional Floats

STOL
CH 801

PERFORMANCE & SPECIFICATIONS

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

Above performance figures with the Lycoming O-360 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.

STOL CH 801 Complete Airframe Kit

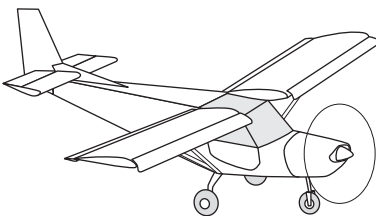
The standard STOL CH 801 kit comes with all kit parts to build the airframe: The complete kit includes the factory riveted wing spars, pre-formed sheet-metal parts (ribs, skins, etc.), factory-welded parts, landing gear system and wheels, standard fuel system, controls, and all hardware required for assembly. Not included in the airframe kit: firewall-forward powerplant and instruments packages, paint, and upholstery.

Complete Airframe Kit

\$ 20,950.00

STOL CH 801 Component Kits

You may choose to purchase sections of the complete kit to 'buy-as-you-build' instead of ordering the complete airframe kit as a single package.



Wings Kit	\$ 6,245.00
Flaperons & Leading Edge Slats Kit	\$ 1,980.00
Tail Kit	\$ 1,750.00
Fuselage Kit	\$ 6,295.00
Gear & Wheels Kit	\$ 2,790.00
Controls Kit	\$ 1,565.00
Fuel System Kit	\$ 1,225.00

SAVE on Complete Airframe Kit

\$ 20,950.00

Introductory Rudder Starter Kit: \$425.00

"A Special Offer for First-Time Builders"

The Starter Kit includes the complete stock rudder tail kit and comes with a detailed and illustrated step-by-step assembly manual – everything you need to get started! The Rudder Starter Kit can be completed in one weekend and lets you experience first-hand building the STOL CH 801. Once completed the cost of the rudder kit is deductible off the balance of the complete STOL CH 801 kit. The Starter Kit can be shipped by UPS in the U.S. Basic assembly tools are also available. Visit zenithair.com for ordering details, and for information on attending a two-day factory workshop.

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Information Manual: \$15.00
Demonstration Video: \$20.00

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