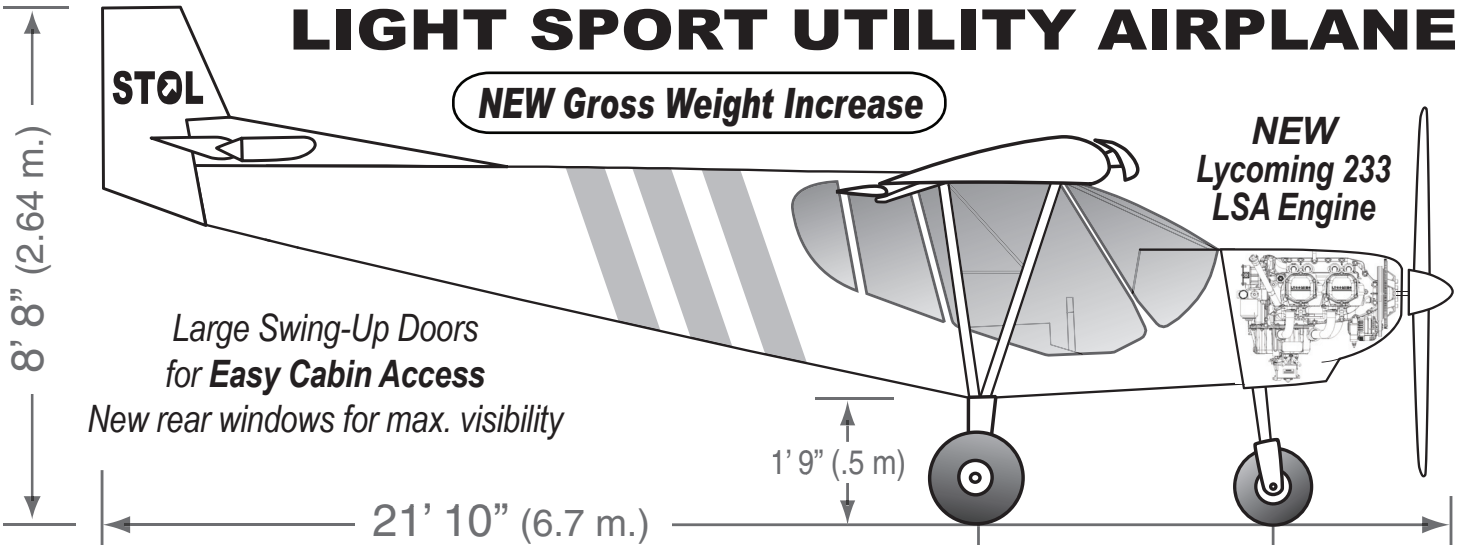


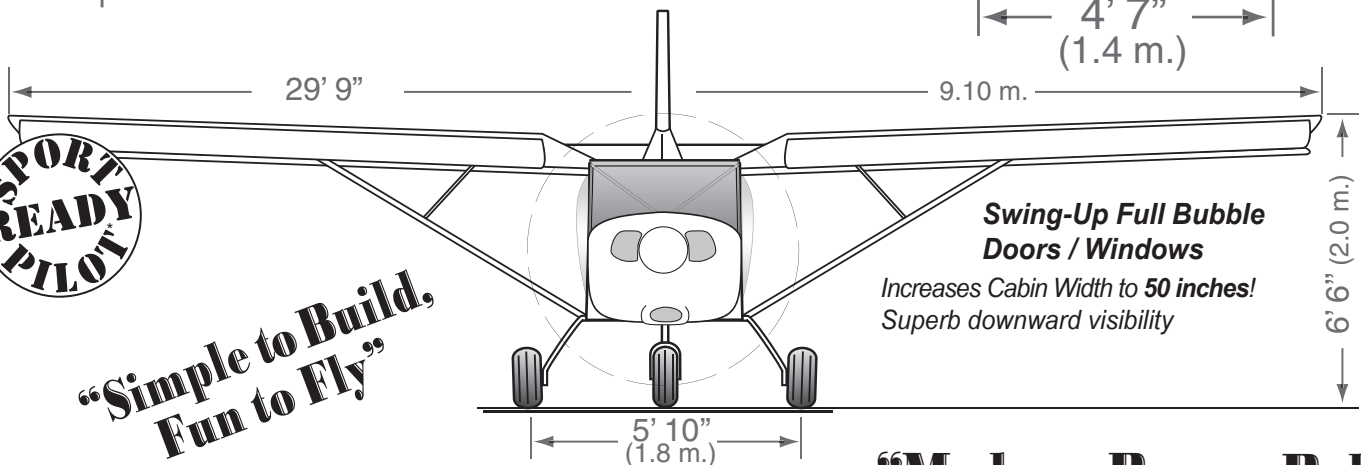
# STOL CH 750

## LIGHT SPORT UTILITY AIRPLANE

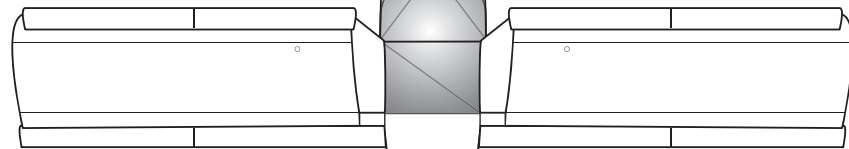


**SPORT  
READY  
PILOT**

**"Simple to Build,  
Fun to Fly"**



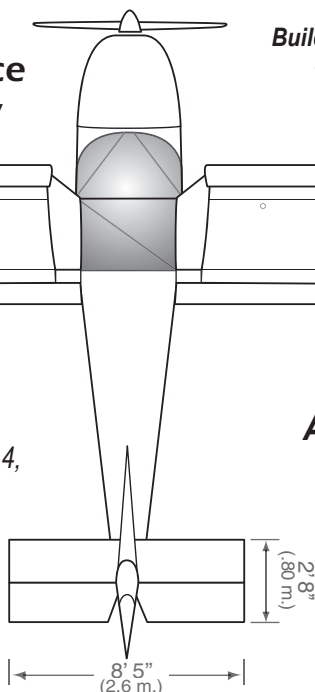
**Two Seats**  
**STOL Performance**  
**Light Sport Utility**



**Engine Choices:**

- Jabiru 3300,
- Continental O-200,
- Rotax 912 ULS and 914,
- auto conversions,
- and more...

Suitable engines: 100 - 160 hp; up to 280 lbs. (installed weight)



**Build your own from:**

- Plans (blueprints),
- component kits,
- Complete Kits

### **"Modern, Roomy Robust"**

- KITPLANES Magazine (2/2009)

- Amazing short take-off and landing (STOL) performance
- Surprisingly efficient cruise
- Huge cabin, side-by-side seating
- Large Baggage Area
- Spectacular visibility
- Great bushplane capabilities, simplicity of a tricycle gear.

### **All-new kit made with state-of-the-art CNC equipment**

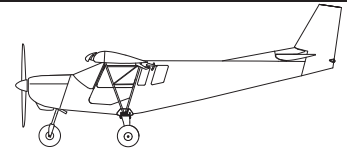
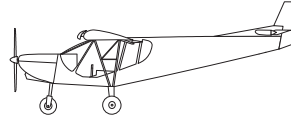
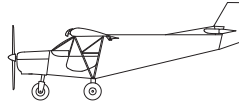
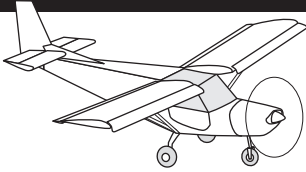
- ✦ The kit includes precision CNC cut and drilled parts.
- ✦ Extensive use of "match-hole" assemblies.
- ✦ Factory-built and riveted main wing spars.
- ✦ CAD blueprints and detailed photo assembly manuals.
- ✦ Manufactured and supported in the USA.

**NEW AVAILABLE KIT OPTIONS include Complete Instrument Panels, Folding Wings Option Kit, Zenair Floats, Upholstery Kits, and more!**

**Sport Pilot Ready:** \*Subject to meeting FAA rules as constructed by the builder. Zenith Aircraft Company cannot guarantee that the kit aircraft, as constructed by the builder, will meet the definition of a Light-Sport Aircraft. Larger and heavier engines and other installed equipment will limit the useful load of the aircraft, and may disqualify the aircraft from meeting the defined category limits. Specification and performance figures are based on factory prototype test results, and are subject to change and revision without notice. Equipment and availability subject to change.

# STOL CH 750

# NEW SPORT UTILITY PLANE



## SPECIFICATIONS

The Original  
STOL CH 701

The NEW  
STOL CH 750

Four-Seat  
STOL CH 801

LENGTH	20 Ft. 11 In.	<b>21 Ft. 10 In.</b>	24 Ft. 6 In.
HEIGHT (rudder tip)	8 Ft. 6 In.	<b>8 Ft. 8 In.</b>	10 Ft.
WING SPAN	27 Ft. 0 In.	<b>29 Ft. 9 In.</b>	31 Ft. 4 In.
WING AREA	122 Sq. Ft.	<b>144 Sq. Ft.</b>	167 Sq. Ft.
WING CHORD	4 Ft. 9 In.	<b>4 Ft. 10 In.</b>	5 Ft. 3 In.
HORIZONTAL TAIL SPAN	7 Ft. 4 In.	<b>8 Ft. 5 In.</b>	10 Ft. 1 In.
EMPTY WEIGHT	580 Lbs.	<b>775 Lbs.</b>	1,150Lbs.
GROSS WEIGHT	1,100 Lbs.	<b>1,320 Lbs.</b> LSA Limit	2,150 Lbs.
<b>New: Design Gross Weight Increase</b> (Edition 2)		<b>1,440 Lbs.</b>	
USEFUL LOAD	520 Lbs.	<b>545 Lbs.</b>	1,000 Lbs.
FUEL CAPACITY (Standard)	20 US Gal.	<b>24 US Gal.</b>	30 US Gal.
WING LOADING	9.0 Lbs./Ft. <sup>2</sup>	<b>9.15 Lbs./Ft.<sup>2</sup></b>	12.9 Lbs./Ft. <sup>2</sup>
POWER LOADING (100-hp)	13.75 Lbs./BHP	<b>13.20 Lbs./BHP</b>	11.95 Lbs./BHP
DESIGN LOAD FACTOR (Ultimate)	+6 / -3 G	<b>+6 / -3 G</b>	+6 / -3 G
CABIN WIDTH (Shoulders, without bubble doors)	41 Inches	<b>42 Inches</b>	44 Inches
NEVER EXCEED SPEED (VNE)	110 MPH	<b>125 MPH</b>	150 MPH
SUITABLE POWER / Max Engine Weight	65 - 100 hp / 185 lbs.	<b>80 - 125 hp / 250 lbs.</b>	150-240 hp / 440 lbs.

## PERFORMANCE at Gross Weight

	STOL CH 701	STOL CH 750	STOL CH 801
<i>Engine (as tested):</i>	Rotax 912 ULS - 100 hp	Jabiru 3300 - 105 hp @ 2950 rpm	Lycoming O-360 - 180 hp
TAKE-OFF ROLL	90 Ft.	<b>100 Ft.</b>	390 Ft.
LANDING ROLL	100 Ft.	<b>125 Ft.</b>	400 Ft.
MAX. LEVEL SPEED	95 MPH	<b>105 MPH</b>	110 MPH
CRUISE SPEED (75%)	80 MPH	<b>100 MPH</b>	105 MPH
STALL SPEED (Flaps Down)	30 MPH	<b>35 MPH</b>	39 MPH
RATE OF CLIMB	1,000 fpm	<b>1,000 fpm</b>	1,000 fpm
SERVICE CEILING	14,000+ Ft.	<b>14,000+ Ft.</b>	14,000+ Ft.
RANGE (Standard, no reserve) - ENDURANCE	400 miles 5 Hours	<b>440 miles 4.4 Hours</b>	315 miles 3 Hours

## KIT PRICING US Funds

	The Original STOL CH 701	The NEW STOL CH 750	Four-Seat STOL CH 801
<i>Airframe Kit</i>	\$ 10,795.	<b>\$ 14,990.</b>	\$ 24,990.
<i>Finishing Kit (firewall-back)</i>	\$ 3,195.	<b>\$ 4,490.</b>	included in kit
<i>Drawings and Manuals (included in kit)</i>	\$ 425.	<b>\$ 495.</b>	n/a

### 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**

Prices in US Funds. Prices and availability subject to change without notice.  
Prices are F.O.B. Factory. Crating and shipping charges are extra.

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