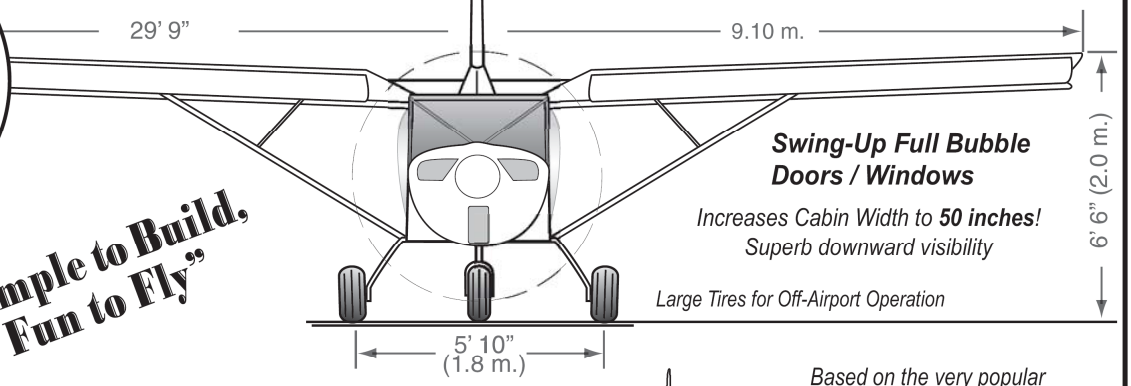
STOL

ZENAIR

LIGHT SPORT UTILITY AIRPLANE

SPORT READY PILOT*

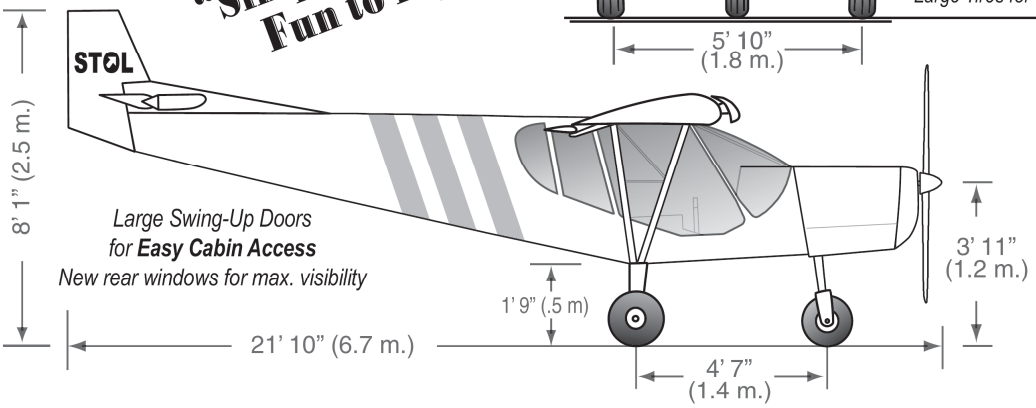


Swing-Up Full Bubble Doors / Windows

*Increases Cabin Width to **50 inches**!*
Superb downward visibility

Large Tires for Off-Airport Operation

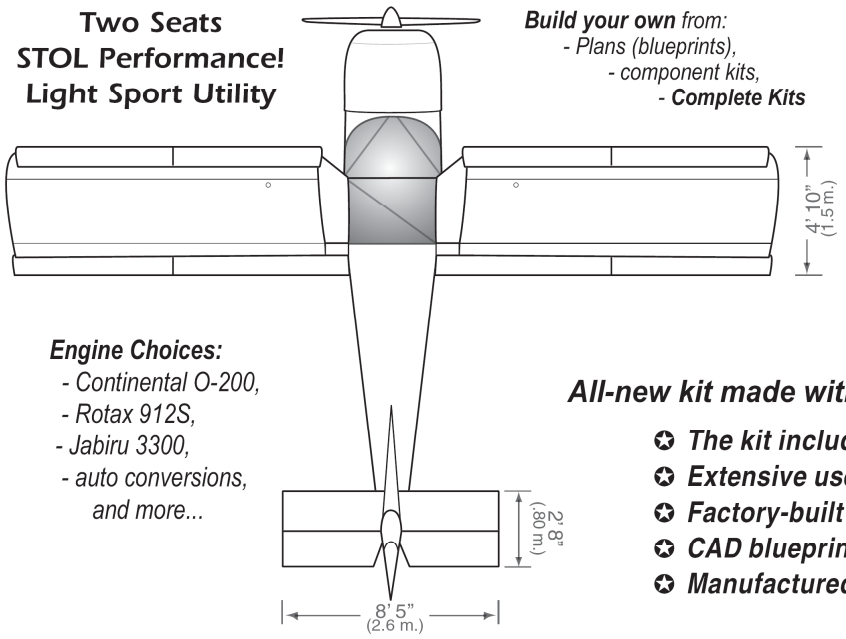
"Simple to Build, Fun to Fly"



*Large Swing-Up Doors for **Easy Cabin Access***
New rear windows for max. visibility

Based on the very popular STOL CH 701 design from Chris Heintz that was first introduced in more than twenty years ago, the all new STOL CH 750 design incorporates the 701's amazing short-field capabilities, while maximizing cabin size and load carrying capability allowed under the FAA's new Sport Pilot / Light Sport Aircraft category.

Two Seats
STOL Performance!
Light Sport Utility



***Build your own** from:*
- Plans (blueprints),
- component kits,
*- **Complete Kits***

- *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.*
- *Customize for max. utility with skis, floats, belly cargo pod, and more*

Engine Choices:
- *Continental O-200,*
- *Rotax 912S,*
- *Jabiru 3300,*
- *auto conversions, and more...*

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 rivete main wing spars***
- ✪ ***CAD blueprints and detailed photo assembly manuals.***
- ✪ ***Manufactured and supported in the USA.***

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.*

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ZENITH AIRCRAFT COMPANY

Information Manual: $15.00
Demo Video (DVD or VHS): $20.00

Visit us online for complete details
zenithair.com

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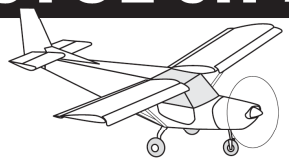
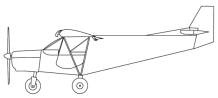
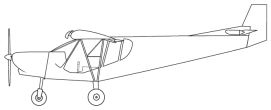
STOL CH 750 NEW SPORT UTILITY PLANE







SPECIFICATIONS

	The Original STOL CH 701	*The* ***NEW*** STOL CH 750	*Four-Seat* STOL CH 801
LENGTH	21 Ft. 11 In.	21 Ft. 10 In.	24 Ft. 6 In.
HEIGHT (rudder tip)	8 Ft. 7 In.	8 Ft. 1 In.	10 Ft.
WING SPAN	27 Ft. 0 In.	29 Ft. 9 In.	31 Ft. 4 In.
WING AREA	122 Sq. Ft.	144 Sq. Ft.	167 Sq. Ft.
WING CHORD	4 Ft. 9 In.	4 Ft. 10 In.	5 Ft. 3 In.
HORIZONTAL TAIL SPAN	7 Ft. 4 In.	8 Ft. 5 In.	10 Ft. 1 In.
HORIZONTAL TAIL AREA	19 Sq. Ft.	22.2 Sq. Ft.	30 Sq. Ft.
EMPTY WEIGHT (as tested, with O-200)	580 Lbs.	775 Lbs.	1,150Lbs.
DESIGN GROSS WEIGHT	1,110 Lbs.	1,320 Lbs.	2,150 Lbs.
USEFUL LOAD	520 Lbs.	545 Lbs.	1,000 Lbs.
FUEL CAPACITY (Standard)	20 US Gal.	24 US Gal.	30 US Gal.
WING LOADING	9.0 Lbs./Ft.^{2}	9.15 Lbs./Ft.^{2}	12.9 Lbs./Ft.^{2}
POWER LOADING (100-hp)	13.75 Lbs./BHP	13.20 Lbs./BHP	11.95 Lbs./BHP
DESIGN LOAD FACTOR (Ultimate)	+6 / -3 G	+6 / -3 G	+6 / -3 G
CABIN WIDTH (Shoulders, without bubble doors)	41 Inches	42 Inches	44 Inches
NEVER EXCEED SPEED (V_{NE})	110 MPH	125 MPH	150 MPH
SUITABLE POWER / Max Engine Weight	65 - 100 hp / 185 lbs.	80 - 125 hp / 250 lbs.	150-240 hp / 440 lbs.

PERFORMANCE *at Gross Weight*	STOL CH 701	STOL CH 750	STOL CH 801
Engine (as tested):	Rotax 912 ULS - 100 hp	Continental O-200 - 100 hp	Lycoming O-360 - 180 hp
TAKE-OFF ROLL	90 Ft.	100 Ft.	390 Ft.
LANDING ROLL	100 Ft.	125 Ft.	400 Ft.
MAX. LEVEL SPEED	95 MPH	110 MPH	110 MPH
CRUISE SPEED (75%)	80 MPH	100 MPH	105 MPH
STALL SPEED (Flaps Down)	30 MPH	38 MPH	39 MPH
RATE OF CLIMB	1,000 fpm	1,000 fpm	720 fpm
SERVICE CEILING	12,000+ Ft.	12,000+ Ft.	12,000+ Ft.
RANGE (Standard, no reserve) - ENDURANCE	400 miles 5 Hours	440 miles 4.4 Hours	315 miles 3 Hours

Please check the price pages at www.zenair.com for the latest prices in Euros.

Note that prices of complete kits from Zenair Europe include crating and shipping to Valenciennes, France as well as import tariffs and brokerage fees. Call Zenair Sarl or your local Zenair dealer for availability.

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