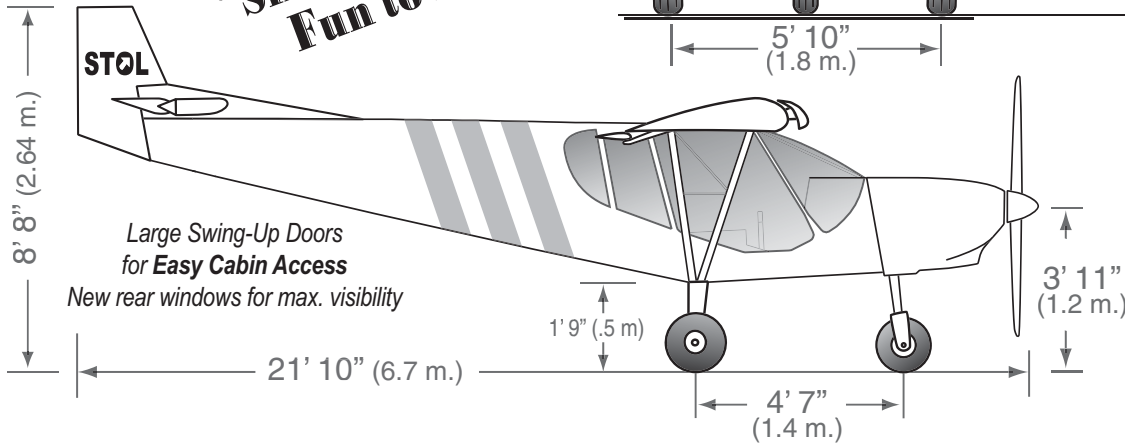
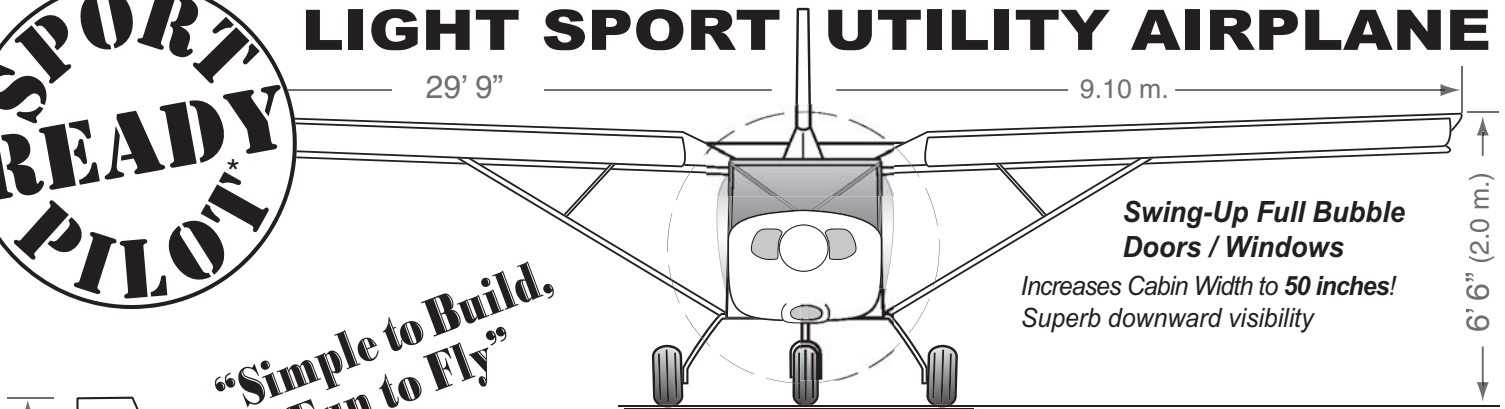


STOL CH 750

LIGHT SPORT UTILITY AIRPLANE

**SPORT
READY
PILOT**

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



Based on the very popular STOL CH 701 design from Chris Heintz that was first introduced 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

"Modern, Roomy Robust"

- KITPLANES Magazine (2/2009)

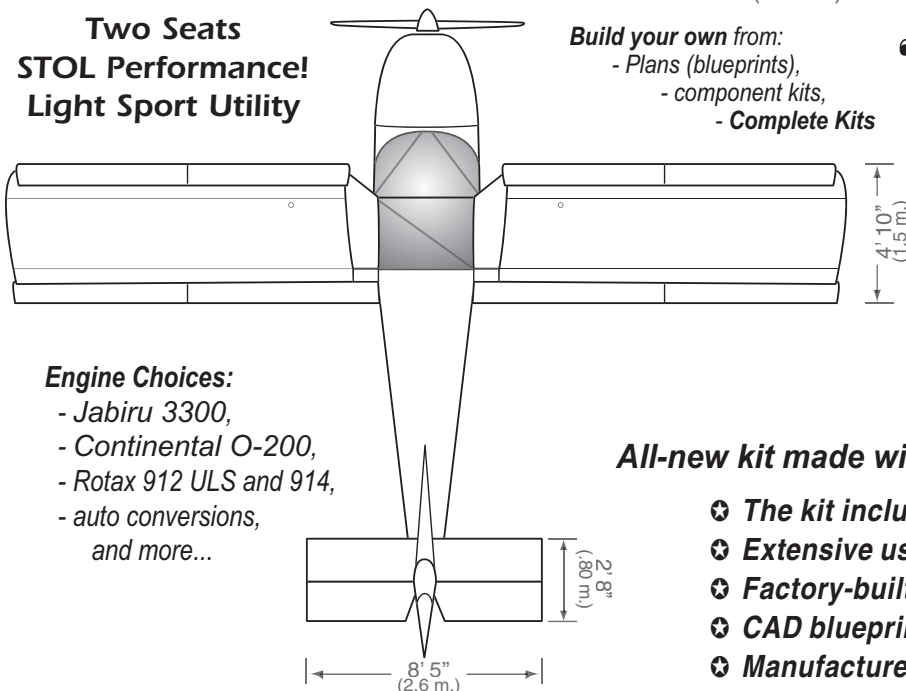
- Amazing short take-off and landing (STOL) performance
- Surprisingly efficient cruise
- Huge cabin, side-by-side seating
- Large Baggage Area
- Spectacular visibility
- Great bushplane capabilities, simplicity of a tricycle gear.

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.

Engine Choices:

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

ZENITH AIRCRAFT CO.

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

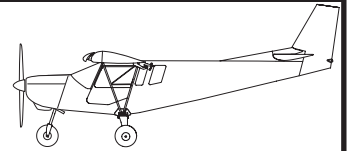
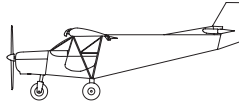
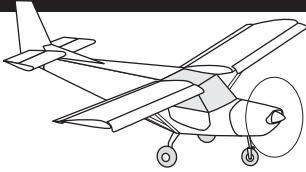


Information Manual: \$15.00
Demo Video (DVD or VHS): \$20.00

Visit us online for complete details
zenithair.com

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. | 21 Ft. 10 In. | 24 Ft. 6 In. |
| HEIGHT (rudder tip) | 8 Ft. 6 In. | 8 Ft. 8 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 | 580 Lbs. | 775 Lbs. | 1,150 Lbs. |
| DESIGN GROSS WEIGHT | 1,100 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 (VNE) | 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 | 105 MPH | 110 MPH |
| CRUISE SPEED (75%) | 80 MPH | 100 MPH | 105 MPH |
| STALL SPEED (Flaps Down) | 30 MPH | 35 MPH | 39 MPH |
| RATE OF CLIMB | 1,000 fpm | 1,000 fpm | 1,000 fpm |
| SERVICE CEILING | 14,000+ Ft. | 14,000+ Ft. | 14,000+ Ft. |
| RANGE (Standard, no reserve) - ENDURANCE | 400 miles 5 Hours | 440 miles 4.4 Hours | 315 miles 3 Hours |

KIT PRICING US Funds

The Original
STOL CH 701

The NEW
STOL CH 750

Four-Seat
STOL CH 801

| | | | |
|-------------------------------|------------|------------|-----------------|
| Airframe Kit | \$ 10,795. | \$ 14,990. | \$ 24,990. |
| Finishing Kit (firewall-back) | \$ 3,195. | \$ 4,490. | included in kit |
| Drawings and Manuals | \$ 425. | \$ 495. | n/a |

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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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