

CH 750 CRUZER

LIGHT SPORT KIT AIRPLANE

NEW

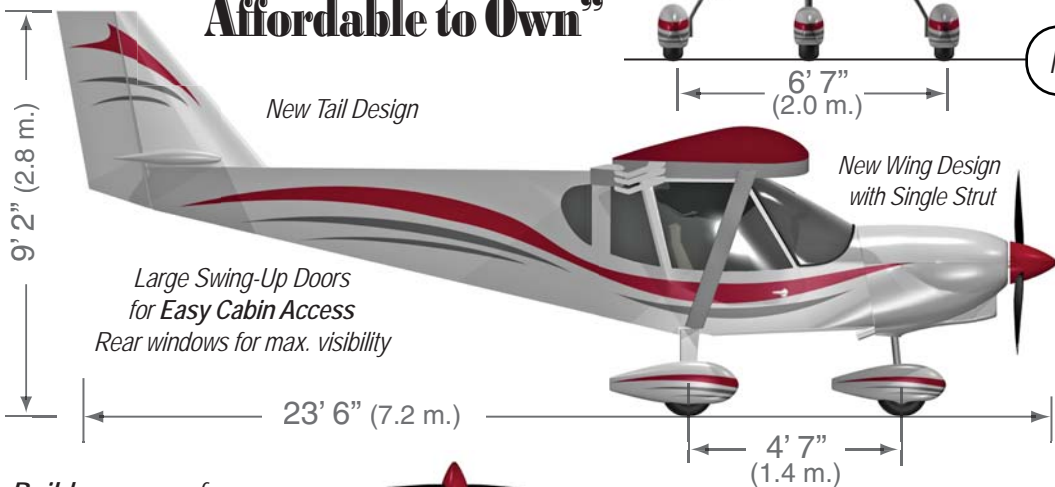
**SPORT
READY
PILOT**

**“Fun to Fly,
Simple to Build
Affordable to Own”**

*Dual Swing-Up Doors
Easy Cabin Access!
Wide & Roomy Cabin!
Superb downward visibility*

NEW Cross-Country Cruiser

Based on the very popular STOL CH 701 / 750 / 801 designs from Chris Heintz that have been popular for nearly three decades, the all new CH 750 CRUZER design incorporates Zenith's proven ease of construction and great flight qualities while being optimized for faster cruise speeds all the while retaining surprisingly short-field capabilities. A new design, the CH 750 CRUZER features a new wing design (with single strut) and a new tail (with fin and rudder).



Build your own from:
- Plans (blueprints),
- Component Kits,
- Complete Kits

**Two Seats
Sport Cruiser
Light Sport Kit Plane**

- Fun Cruiser: Efficient performance
- Surprisingly efficient cruise
- Huge cabin, side-by-side seating
- Large rear baggage area
- Spectacular visibility
- Great capabilities and features!
- Ease and simplicity of a steerable tricycle gear.

New kit made with state-of-the-art CNC equipment

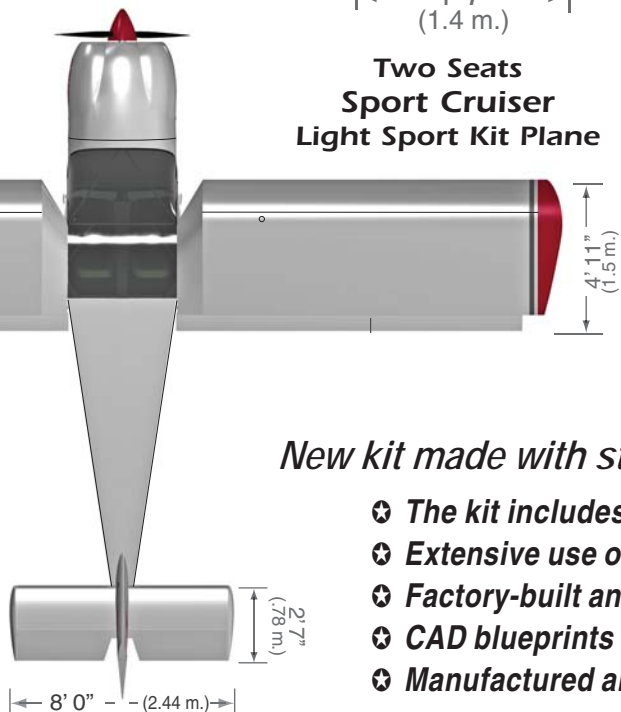
- ✦ The kit includes precision CNC cut and drilled parts.
- ✦ Extensive use of “match-hole” assemblies.
- ✦ Factory-built and riveted main wing spars.
- ✦ CAD blueprints and detailed photo assembly manuals.
- ✦ Manufactured and supported in the USA.

Engine Choices:

- UL Power engines
- Continental O-200,
- Lycoming 233,
- Rotax 912 series,
- Jabiru 3300,
- auto conversions,
and more...

Suitable engines:

100 - 160 hp; up to 350 lbs.
(installed weight)



AVAILABLE KIT OPTIONS include Complete Instrument Panels, Firewall-Forward Engine Kits, Floats, Upholstery Kits, and more!

Sport Pilot Ready: *Subject to meeting FAA rules as constructed by the builder. Larger and heavier engines and other installed equipment will limit the useful load of the aircraft and affects performance. 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.

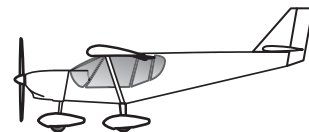
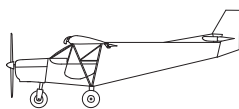
1881 Airport Road, Mexico Airport,
Mexico, Missouri 65265-0650 USA
TEL: 573-581-9000 FAX: 573-581-0011



Visit us online for complete details
zenithair.com

NEW

Zenith CH 750 CRUZER



SPECIFICATIONS

The Original
STOL CH 701

The roomier
STOL CH 750

The all new
CH 750 CRUZER

LENGTH	20 Ft. 11 In.	21 Ft. 10 In.	23 Ft. 6 In.
HEIGHT (rudder tip)	8 Ft. 6 In.	8 Ft. 8 In.	9 Ft. 2 In.
WING SPAN	27 Ft. 0 In.	29 Ft. 9 In.	29 Ft. 9 In.
WING AREA	122 Sq. Ft.	144 Sq. Ft.	144 Sq. Ft.
WING CHORD	4 Ft. 9 In.	4 Ft. 10 In.	4 Ft. 11 In.
HORIZONTAL TAIL SPAN	7 Ft. 4 In.	8 Ft. 5 In.	7 Ft. 8 In.
EMPTY WEIGHT	580 Lbs.	775 Lbs.	780 Lbs.
GROSS WEIGHT	1,100 Lbs.	1,320 Lbs. LSA Limit	1,320 Lbs. LSA Limit
New: Design Gross Weight Increase (Edition 2)		1,440 Lbs.	1,440 Lbs.
USEFUL LOAD	520 Lbs.	545 Lbs. / 665 Lbs.	540 Lbs. / 660 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	9.3 Lbs./Ft. ²
POWER LOADING (100-hp)	13.75 Lbs./BHP	13.20 Lbs./BHP	10.15 Lbs./BHP
DESIGN LOAD FACTOR (Ultimate)	+6 / -3 G	+6 / -3 G	+6 / -3 G
CABIN WIDTH (Shoulders, <u>without</u> bubble doors)	41 Inches	42 Inches	42 Inches
NEVER EXCEED SPEED (VNE)	110 MPH	125 MPH	145 MPH
SUITABLE POWER / Max Engine Weight	65 - 100 hp / 185 lbs.	100 - 160 hp / 350 lbs.	100 - 160 hp / 350 lbs.

PERFORMANCE *at Gross Weight*

	STOL CH 701	STOL CH 750	CH 750 CRUZER
<i>Engine (as tested):</i>	Rotax 912 ULS - 100 hp	Jabiru 3300 - 105 hp @ 2950 rpm	UL350iS - 125 hp @ 2900 rpm
TAKE-OFF ROLL	90 Ft.	100 Ft.	350 Ft.
LANDING ROLL	100 Ft.	125 Ft.	350 Ft.
MAX. LEVEL SPEED	95 MPH	105 MPH	125 MPH
CRUISE SPEED (75%)	80 MPH	100 MPH	118 MPH
STALL SPEED (Flaps Down)	30 MPH	35 MPH	39 MPH
RATE OF CLIMB	1,000 fpm	1,000 fpm	1,200 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	525 miles 4.5 Hours

KIT PRICING *US Funds*

	<i>The Original</i> STOL CH 701	<i>The NEW</i> STOL CH 750	<i>Introductory Price</i> CH 750 CRUZER
<i>Airframe Kit</i>	\$ 10,795.	\$ 14,990.	\$ 16,490.
<i>Finishing Kit (firewall-back)</i>	\$ 3,195.	\$ 4,490.	\$ 4,990.
<i>Drawings and Manuals (included in kit)</i>	\$ 425.	\$ 495.	\$ 575.

ZENITH AIRCRAFT CO.
1881 Airport Road, Mexico Airport,
Mexico, Missouri 65265-0650 USA
TEL: 573-581-9000 FAX: 573-581-0011



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.

750-701-750crz-5-2014-price-flyer-p2.pdf 6/14