

# STOL COMPARISON CHART: CH 701, CH 750 & CH 801

## STOL

## 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. <sup>2</sup>	9.15 Lbs./Ft. <sup>2</sup>	12.9 Lbs./Ft. <sup>2</sup>
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**

<i>Engine (as tested):</i>	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](http://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.

### Zenair

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