

## Cessna Corvalis TT

Base price: \$644,500

Price as tested: \$644,500

### Specifications

Powerplant.....	310-hp Continental TSIO-550-C
Recommended TBO.....	2,000 hr
Propeller.....	Hartzell 78 in constant speed
Length.....	25 ft 3 in
Height.....	9 ft
Wingspan.....	36 ft
Wing area.....	141.2 sq ft
Wing loading.....	25.5 lb/sq ft
Power loading.....	11.6 lb/hp
Seats.....	4
Cabin length.....	11 ft 6 in
Cabin width.....	4 ft
Cabin height.....	4 ft 1 in
Empty weight.....	2,500 lb
Maximum ramp weight.....	3,600 lb
Maximum gross weight.....	3,600 lb
Useful load.....	1,100 lb
Payload w/full fuel.....	464 lb
Maximum takeoff weight.....	3,600 lb
Maximum landing weight.....	3,420 lb
Zero fuel weight.....	3,300 lb
Fuel capacity, std.....	106 gal (86 gal usable) 636 lb (516 lb usable)

Fuel capacity, w/opt tanks.....	106 gal (102 gal usable) 636 lb (612 lb usable)
Oil capacity.....	10 qt
Baggage capacity.....	120 lb, 39.5 cu ft

### Performance

Takeoff distance, ground roll.....	1,240 ft
Takeoff distance over 50-ft obstacle.....	1,975 ft
Max demonstrated crosswind component.....	23 kt
Rate of climb, sea level.....	1,400 fpm
Max level speed, sea level.....	182 kt
Max level speed, 25,000 ft.....	235 kt
Cruise speed/endurance w/45-min rsv, std fuel (fuel consumption), 25,000 ft.....	
@ 75% power, best economy.....	227 kt/ 5.25 hr (16.8 gph)
@ 65% power, best economy.....	218 kt/ 6 hr (15 gph)
@ 55% power, best economy.....	208 kt/ 7 hr (13 gph)
Max operating altitude.....	25,000 ft
Landing distance over 50-ft obstacle.....	2,625 ft

Landing distance, ground roll.....	1,250 ft
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### Limiting and Recommended Airspeeds

V <sub>x</sub> (best angle of climb).....	82 KIAS
V <sub>y</sub> (best rate of climb).....	110 KIAS
V <sub>A</sub> (design maneuvering).....	158 KIAS
V <sub>FE</sub> (max flap extended).....	117 KIAS
V <sub>NO</sub> (max structural cruising).....	181 KIAS
V <sub>NE</sub> (never exceed).....	230 KIAS
V <sub>R</sub> (rotation).....	75 KIAS
V <sub>stall</sub> (stall, clean).....	73 KIAS
V <sub>stall</sub> (stall, in landing configuration).....	60 KIAS

For more information, contact Cessna Aircraft Company, One Cessna Blvd., Wichita, Kansas 67215; 800-835-4057; [www.cessa.com](http://www.cessa.com)

All specifications are based on manufacturer's calculations. All performance figures are based on standard day, standard atmosphere, sea level, gross weight conditions unless otherwise noted.