



CESSNA CORVALIS TT<sup>x</sup>



235  
ktas

## BRAIN TO NEURON TO AILERON

Pilot instinct can be refined through training, and honed to razor-sharp acuity with real-world flight hours, to the point where instinct must find a parallel, an aircraft that can keep pace with the firing of the synapses.

The all-composite Cessna Corvalis TT<sup>x</sup> is designed and engineered to answer the call of every pilot aspiring to fly a true high-performance aircraft. Its unique blend of innovative safety by design, exacting control and a class leading 235 knot maximum cruise separates it from every other aircraft in its class. The synergism that flows nose-to-tail through every innovation, every safety feature, and every design nuance, creates an overall performance package that inspires confidence while giving pilots unprecedented presence and control of their aircraft.

Appropriately, for those pilots who aspire to fly or own a Citation, the Corvalis TT<sup>x</sup> is an unparalleled stepping-stone, especially for the Citation Mustang. From the new Intrinsic™ flight deck with Garmin G2000 to its blistering speed and direct controls, it is fulfillment of your ultimate expectations from flight.

In every sense, a true pilot's airplane.





## THE DIRECTCONTROL DIFFERENCE

The performance of an aircraft can be quantified with a spec sheet. Its safety features can be compiled into an impressive list of bullets. But real performance is not meant to be read, it should be felt. And safety in flight is not upheld by a feature or a button, but by proper training and a well-conceived aircraft.

In manufacturing the Corvalis TTX safety and performance are anything but add-ons. Rather, they've been infused into the very design DNA of the aircraft.

Every inch of the aircraft itself has been minutely refined for an aerodynamic purity that, in conjunction with an innovative control system, enables the kind of direct, precise maneuvering one more commonly associates with a jet. The true side-stick controls connect directly to the carbon fiber control surfaces via control rods rather than the more commonly found cables and pulleys. This provides added stability, while endowing the pilot with a more direct, responsive command of the aircraft at both high and low speeds.

High performance translates to high safety, as adjustments within the pattern become more intuitive—no wasted movements to fine-tune, you always know exactly where you are in three-dimensional space. We refer to this indelible link between pilot and plane as the DirectControl Difference.

Once you experience it yourself, there's no going back.

GTC 570 touchscreen controller



Audio jacks and integrated cupholders



Easy access to cargo compartment



## INTERIOR

The cockpit of the Corvalis TT<sup>X</sup> has been carefully crafted to create a comfortable, intuitive and harmonious environment where pilots can effectively perform their necessary tasks without fatigue or distraction. Hence, the sport-stitched leather seats are built from COMFOR<sup>®</sup> Foam that forms to the body for even weight distribution.

Each of the four new interior options bears a distinct aesthetic and style. The Stealth option features black leather seats and high-quality accents to create a feel reminiscent of a top-end European sports car. Those who prefer a lighter interior will feel right at home in the cream leather seats and brown leather accents of our Classic option. The Tranquility option uses ivory leather and exotic hardwood to weave a distinguished and elegant look-and-feel reminiscent of a luxury touring sedan. And those seeking a look to compliment the advanced nature of the TT<sup>X</sup> will find the blue-gray leather seats and high-tech mesh appointments of our Twilight option create an ideal atmosphere for any trip into the atmosphere.



Stealth



Classic



Tranquility



Twilight





AVIONICS

## INTRODUCING THE CESSNA INTRINZIC™ FLIGHT DECK

POWERED BY THE GARMIN G2000

DirectControl applies to more than the physical command of the aircraft: rather, it begins the moment you turn the key and power up the avionics. Information is control, and Corvalis TT<sup>x</sup>'s all-new IntrinziC™ flight deck powered by the Garmin G2000 gives you more of it than ever before.

This smartphone-like touchscreen interface enables you to access more menus with fewer keystrokes or page sequences. Every dimension of pertinent flight data and communication can be easily accessed via the GTC 570 touchscreen controller. Easily identifiable icons make functions simple to locate and access. Menu structures are shallow and streamlined, and data entry is centralized to one easy-to-access location, minimizing hand/eye movements and giving the pilot more focused control with less wasted motion and effort. All of this functionality is beautifully presented on two large 14.1 inch high-definition displays.

Another new feature now standard on the Corvalis TT<sup>x</sup> is Electronic Stability and Protection (ESP). This system uses electronic monitoring and exceedance-correcting technology to assist the pilot in maintaining the aircraft in safe-flight-stable condition, helping to prevent the onset of stall/spins, overspeeds, steep spirals or other loss-of-control conditions, should the pilot become distracted, disoriented or incapacitated during flight.





## THE G2000: TOUCH PAD

The icon-driven menu gives you easy access to instrumentation, navigation, weather, terrain, traffic, engine operations, terminal procedures, approach plates, even climate control – everything you need for safe and efficient operation of the aircraft.

Managing NAV/COMM radios is as simple as speed dialing on your smartphone – one touch and you have dialogue. The touchscreen also gives you control of the remote audio/intercom system, transponder codes and idents, electronic checklist entries, flight plan entry and editing.

Despite its massive capabilities, the touchscreen is designed to never overwhelm. BACK and HOME keys on its display allow you to quickly retrace your steps or return to the homescreen with a single touch.



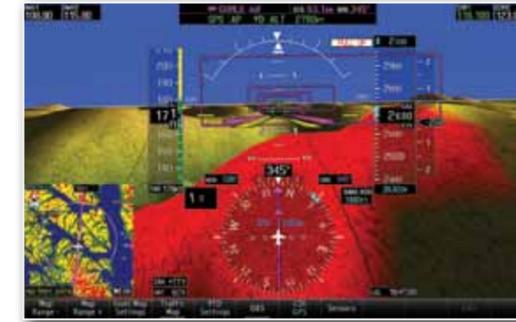
The first touchscreen-controlled glass flight deck ever designed for a piston aircraft, the G2000 represents a new generation in advanced avionics – simplified, organized, intuitive. So advanced is this interface, it's the same as what you'll find in the upcoming Cessna Citation Ten jet.



These magenta rectangular pathways provide a visual window to help pilots follow the intended flight route. Spaced no more than 1,000 meters apart, they have guidelines in each corner that point in the direction of the active flight plan leg.



Using Synthetic Vision Technology (SVT), the Towers and Obstacles database makes awareness of non-terrain structural hazards crystal clear, even in low visibility.



The topographical display provides excellent situational awareness over all kinds of terrain. The color-specific overlays clearly indicate potential terrain conflict areas.



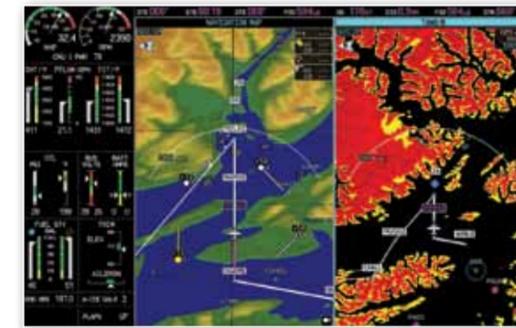
Moving traffic is easy to spot in this three-dimensional format. Using familiar Traffic Advisory System (TAS) symbology, SVT shows the altitude of other traffic in the area. As potential intruders get closer, their symbols grow larger.



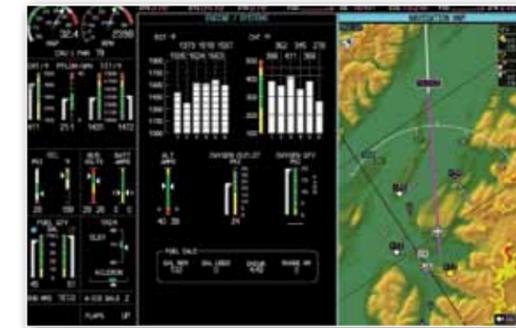
Extra wide WXGA viewing format provides room for two separate vertical pages, effectively turning your two G2000 screens into three.



Satellite weather data from either XM Weather or worldwide weather through the Iridium network may be overlaid on the moving map displayed on the Multi-Function Display (MFD).



With its built-in elevation database, the G2000 provides an extra margin of safety in visualizing terrain or obstacle conflict situations. Audible terrain alerts are supported with Terrain Awareness and Warning System (TAWS-B) functionality.



Monitor the status of critical aircraft systems including engine temperatures, electrical and fuel system parameters and built-in oxygen system operation.

*\*Simulated flight information*

## SPECIFICATIONS

### AIRCRAFT DIMENSIONS

Overall Height	9 ft 0 in (2.74 m)
Overall Length	25 ft 2 in (7.68 m)
Wingspan	36 ft 0 in (10.97 m)

### CABIN DIMENSIONS

Height	49 in (1.24 m)
Length	11 ft 8 in (3.55 m)
Width	49 in (1.24 m)
Maximum Seating Capacity	4
Baggage Capacity	120 lb (54 kg)

### DESIGN WEIGHTS & CAPABILITIES

Maximum Takeoff Weight	3,600 lb (1,633 kg)
Typically-Equipped Empty Weight	2,600 lb (1,179 kg)
Maximum Useful Load	1,000 lb (454 kg)
Usable Fuel Capacity	102 gal (386 l)

### PERFORMANCE

Maximum Cruise Speed	235 ktas (435 km/hr)
Range (45 min reserve, 55% power, 25,000 ft)	1,250 nm (2,315 km)
Rate of Climb at Sea Level	1,515 ft/min (462 m/min)
Certified Ceiling	25,000 ft (7,620 m)
Takeoff Distance to 50 ft	1,900 ft (579 m)
Landing Distance (over 50 ft obstacle)	2,600 ft (792 m)

### POWERPLANT

Engine	Continental Motors TSIO-550-C
Horsepower	310 hp
Propeller	Three-Bladed Constant Speed
TBO	2,000 hours



235  
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## SERVICE AND SUPPORT

No matter where you fly, your Corvalis TTX is always close to home. Our network of more than 300 service stations worldwide can provide you with exceptional service and support to ensure the maximum uptime for your aircraft and the utmost safety for its occupants.

With satellite locations around the world, Cessna Service Parts & Programs (CSP&P) ensures even the most pressing parts demands are met with minimal AOG time. Whether the order is for a 1935 C-34 or a brand-new Corvalis TTX we don't rest until the right part is in the safe hands of one of our knowledgeable service and repair experts.

And no matter your need, one easy point of contact puts you in touch with a Cessna expert who can deliver: simply call 1-800-4-CESSNA, or go to Cessna.com. Wherever you are, you'll always find us standing ready to serve you.

CORVALIS TTX

## EXPECT A HIGHER CONNECTION

INTRODUCING CESSNA CONNECT™



Passions should be shared. And fostered. And preserved. We think the secret smile on your face at the end of every flight should be captured sometime around two minutes after touchdown, and recorded permanently for everyone to see.

We also think that smile should stay on your face, even through the necessary next steps: recording your times, updating your logbook, staying on top of service bulletins, and tracking your plane's maintenance schedule and performance.

This is Cessna Connect, a complete technology program with the most innovative and thoughtful tools to help you easily navigate ownership and extend your enthusiasm—from the cockpit, from the air, or from anywhere.

### TAILORED TECHNOLOGY

Designed specifically for Cessna aircraft owners, Cessna Connect is a customized cloud-based program that fully automates aircraft record-keeping and keeps you connected with your service team. It also connects you with fellow owners and enthusiasts that share your excitement for where you just came from, and how high you just flew.

### STAY CONNECTED TO CESSNA

Cessna Connect promotes the most pro-active approach to managing your aircraft. You will receive essential communications and have the option of working directly with a Cessna Authorized Service Facility to automate everything from service requests to maintenance records.

### IN WITH THE NEW

Your logbook, flights, expenses, tax reports and partnership splits (if applicable) can all be tracked online. Cessna Connect offers a dedicated iPad application, giving you access to every record, accessible anytime, from anywhere.

### THE COOL FACTOR

Not that showing off is promoted, but why not? Your personal Cessna Connect will post every flight in 3D with Google Earth Maps. Share flights, photos, comments, and invite fellow owners into your Cessna Circle of Friends to exchange ideas and cultivate your love of flying...faster than him!



CESSNA CONNECT



Cessna Aircraft Company

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