



CIRRUS PERSPECTIVE TOUCH+™

BY GARMIN®







THE POWER OF TOUCH

One of the many hallmarks of Cirrus Aircraft innovation is our constant improvement of the flight experience. That's why we partnered with Garmin® – the worldwide pioneer in GPS technology – nearly a decade ago to tailor the most sophisticated and intuitive avionics in the world.

The Vision® Jet ushered in a new era in transportation with the world's first single-engine Personal Jet™ powered by Cirrus Perspective Touch® by Garmin®, a revolutionary flight deck that seamlessly connected the pilot to the flight deck through the power of touch.

Now, with the Generation 2 Vision Jet, Perspective Touch+™ by Garmin® raises the bar once again by enhancing the original revolutionary flight deck with faster hardware – adding speed and space for future upgrades. You will enjoy faster start up, better screen resolution, faster panning and faster scrolling. And that's just the beginning.

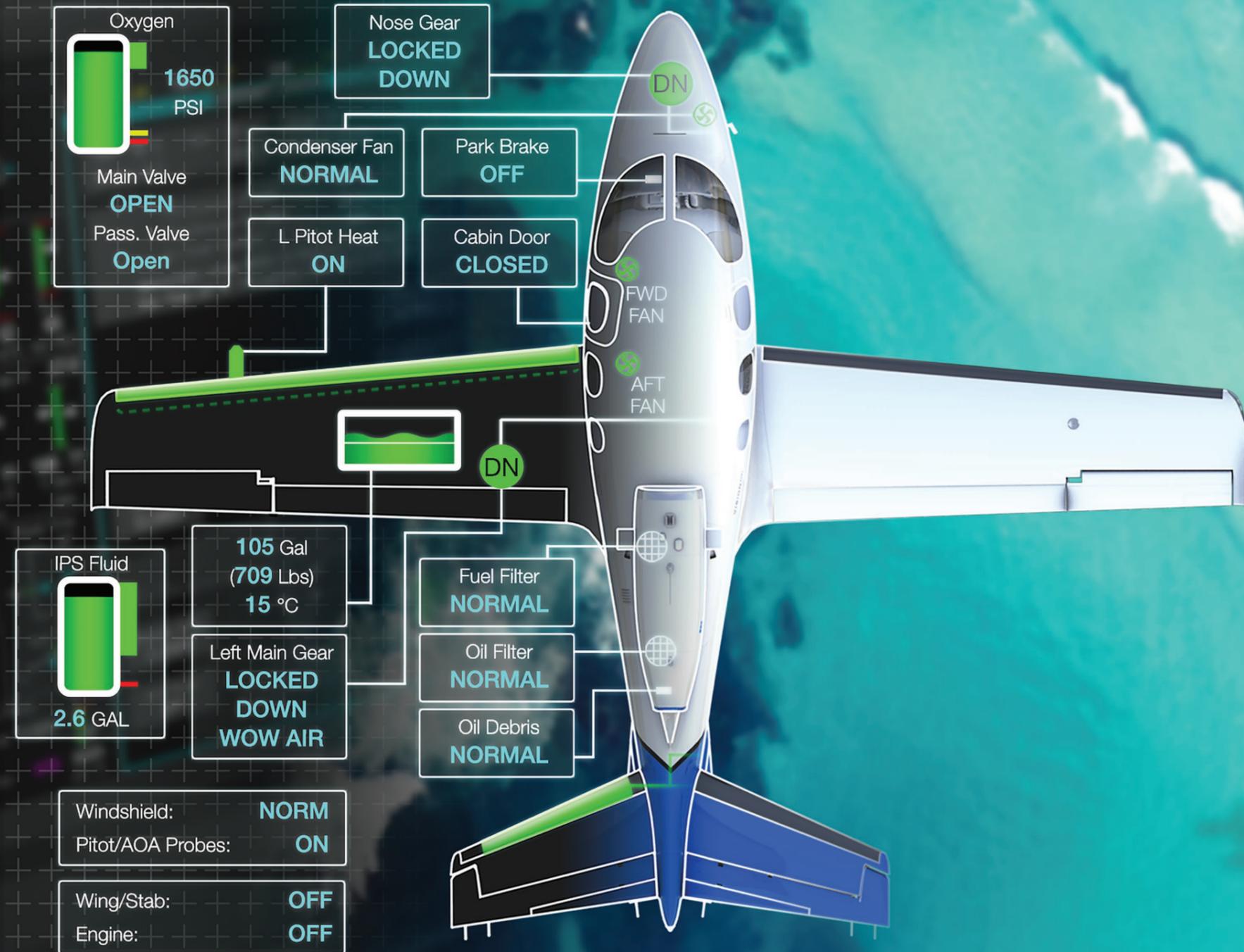


FLIGHT DECK SUPERIORITY

The Vision® Jet defines the Personal Jet category. Rightfully so, it has the most advanced flight deck in the world. The Vision Jet is outfitted with two high-resolution flight displays and is designed with three landscape touchscreen controllers to truly optimize turbine aircraft operations. The controllers present a familiar, intuitive interface, providing pilots quick access to detailed flight and systems information across a bright, panoramic display.

The three-touchscreen layout allows for advanced interaction with aircraft systems, enhanced real-time weather, integrated weight and balance, radio tuning, cabin communication and much more. Additionally, with a single command, each touchscreen is interchangeable with the ability to function as either a PFD, MFD or NAV/COM controller.

No other flight deck offers this level of integration and capability, delivered in such a clean and ergonomic cockpit layout.



UNRIVALED INTEGRATION

Aircraft systems and subsystems come to life on the Perspective Touch+ flight displays as digital diagrams, tailored specifically to the design of your Vision Jet. Colorful, comprehensive synoptics connect the pilot visually with the information needed to monitor each system in real time, and to quickly identify changing aircraft conditions.

Display the aircraft status page for a quick overview of your Vision Jet's operating state, or take a closer look by selecting detailed synoptic pages. Each page can be configured for viewing in either full or split screen configurations on the flight displays.

In flight, crucial systems data needs to be thorough, user-friendly and at the pilot's fingertips. With Perspective Touch+, you're integrated, you're connected.

INTUITIVE CONNECTIVITY

Connectivity is an essential part of your everyday life. FlightStream 510™ connects your Vision Jet to the wireless world, creating an extension of your network. Mobile devices automatically connect, enabling the convenient wireless transfer of your flight plan from your mobile device. Display traffic and Sirius XM weather on your mobile device and even change the XM station from anywhere in the cabin.

Global datalink weather provides up-to-the-minute en route weather information, while satellite voice and text communication are available via Cirrus Global Connect. And now with FlightStream 510, you can dial satellite calls and send text messages straight from your device.



UNCOMPROMISING SAFETY

THE CIRRUS WAY Safety is found in the details — by combining multiple initiatives both to minimize risk and to manage undesired states if they occur. Each initiative is a protective layer made up of innovative systems that transition from passive to redundant and then active. The Vision Jet has been designed with the occupants' safety in mind, around a purposeful integration of many robust safety systems.

STALL BARRIER SYSTEM

The Electronic Stability & Protection (ESP) system passively and unobtrusively corrects unusual flight attitudes. It assists without distracting the pilot or degrading the flight experience. It enhances situational awareness with maximum and minimum airspeed alerts, should the aircraft approach an unsafe operating speed. Paired with the Angle of Attack indicator, the stick shaker provides a tactile, pre-stall warning by vibrating the side stick, while a stick pusher automatically “pushes” the stick forward to correct low airspeed conditions. And if your Vision Jet is equipped with optional Autothrottle, power is automatically added. With a shake and a push, automated ESP supports the pilot and prevents the aircraft from entering a stalled condition.

TURBINE ENGINE CONFIDENCE

The turbine powerplant looks, sounds and feels like raw power. From pressurization to electrical power to anti-icing and more, the engine is the heart of the airplane in so many ways. Cirrus Aircraft also acknowledges the importance for a reputation in reliability. This is why we have partnered with Williams International, the world leader in small turbine engines.



CIRRUS APPROACH TRAINING SYSTEM

Every safe and successful takeoff and landing can be traced back to a previous learning interaction, either from an instructor, on a practice flight, in a ground school, or even manipulating the controls in a simulator or personal computer. At Cirrus Aircraft, we see each interaction as an opportunity to create the safest pilot possible. And to have the greatest impact on learning, the training must be impactful and of the highest quality. In that spirit, we developed Cirrus Approach™, an innovative training product designed to standardize and streamline the training experience in every Cirrus aircraft.

CIRRUS AIRFRAME PARACHUTE SYSTEM

Pioneering the standard in safety, and famously known as the “plane with the parachute,” Cirrus Aircraft offers its signature Cirrus Airframe Parachute System® (CAPS®) as standard equipment in the Vision Jet. The parachute is part of a complete Cirrus safety envelope that integrates all of the Cirrus safety innovations.



FLIGHT DISPLAYS

Perspective Touch+ brings higher resolution and faster processing speeds to the already expansive widescreen 14-inch flight displays. Featuring split screen technology, the displays provide room for three separate vertical panes and the Engine Indication System (EIS) strip to be displayed simultaneously. The dedicated Multi-function Display allows the pilot to easily monitor integrated aircraft system synoptics: Engine & Fuel, Electrical Power, Environmental, Ice Protection, Landing Gear and General Status/Information.

The added flexibility of Perspective Touch+ allows you to view various system synoptics – checklists, weather radar, moving map, traffic and more – all at once. And Synthetic Vision Technology (SVT™) provides a “virtual reality” perspective of ground and water features, as well as obstacles and other traffic, giving you a realistic visual depiction of your surroundings.



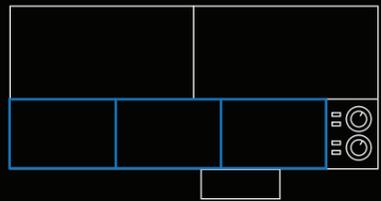
Use this key to navigate through the various screens in the Perspective Touch+ avionics.

TOUCHSCREEN CONTROLLERS

Revolutionizing the cockpit, again. Each landscape touchscreen controller is positioned to simplify interaction between the pilot and the aircraft through the intuitive layout and reduction of clutter.

Responsive, icon-identified "touchkeys" make functions easy to locate, while shallow menus allow quick inputs without getting lost in the software. The addition of a third touchscreen controller enables a dedicated point of contact to control the audio/intercom system without interrupting the progression of another task.

If you prefer a more manual approach, the dual knobs can be used in lieu of the touchscreen to enter frequencies or toggle among functions. It's touch, with a twist.

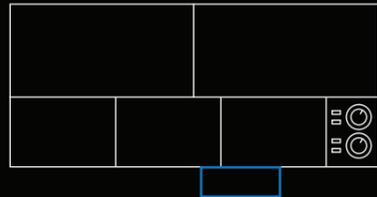


DIGITAL AUTOPILOT

Supreme accuracy. Building on smart servo technology, the fully digital, dual-channel Automated Flight Control System (AFCS) delivers precise lateral and vertical navigation guidance for each phase of flight.

Commanding the architecture of each flight component with an ergonomic and thoughtfully placed mode controller, the autopilot also incorporates the industry-first Blue Level Button, a Cirrus Aircraft standard since 2008. This active safety feature gives the pilot a “time out” if momentarily distracted or disoriented.

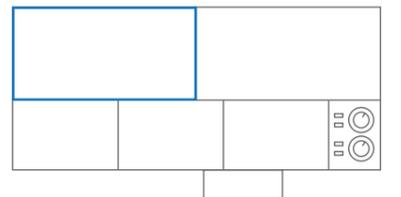
This is flight deck automation you can appreciate, especially at the flight levels.

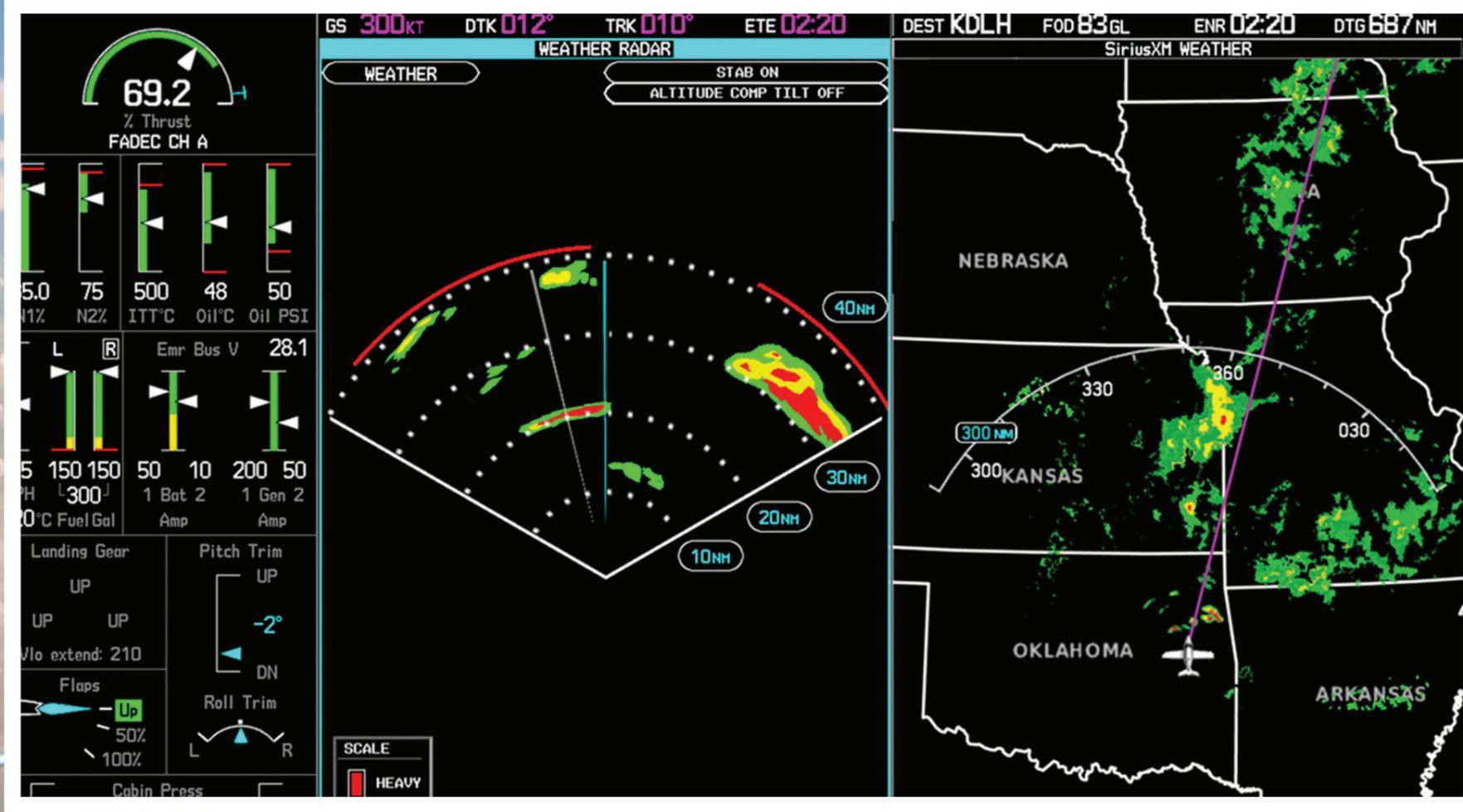




SITUATIONAL AWARENESS

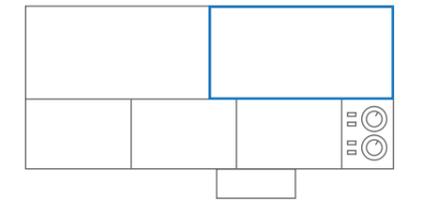
Tactical advantage. Synthetic Vision Technology (SVT) seamlessly blends aircraft position with 3D topographic images, while the Class B Terrain Awareness and Warning System (TAWS) provides caution and warning alerts both visually and audibly. In addition to these capabilities, the “forward-looking” terrain avoidance system warns the pilot of numerous hazards including premature and excessive rates of descent, negative climb rate or altitude loss after takeoff.

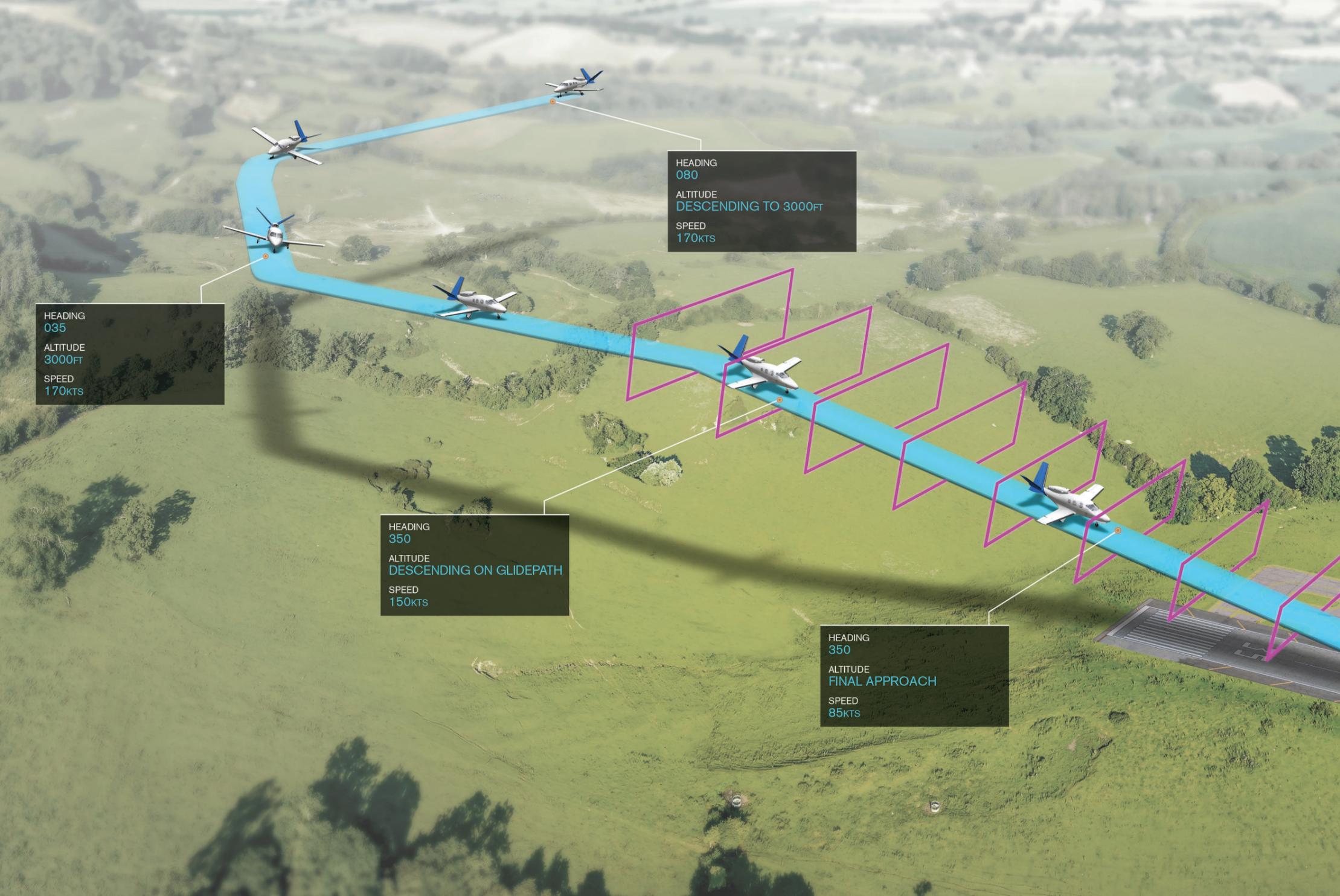




REAL-TIME WEATHER

Informed decisions. The real-time Weather Radar scans both vertically and horizontally to give the pilot an immediate and precise weather avoidance tool. Advanced solid-state transmitter technology makes it easy for the pilot to identify storm tops and gradients; while altitude compensated tilt (ACT) automatically adjusts the beam angle as altitude changes, helping to reduce pilot workload. Plus, Weather Attenuated Color Highlight (WATCH™) predictive software can identify areas beyond the radar's range that may contain even more hazardous areas of precipitation. Additionally, by cross-referencing with global data-link weather on the moving map, the pilot benefits from a composite view of evolving weather conditions both near and far.

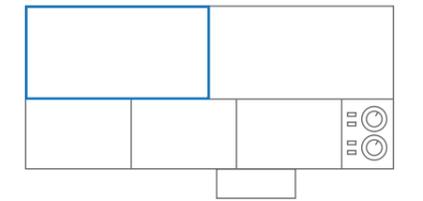


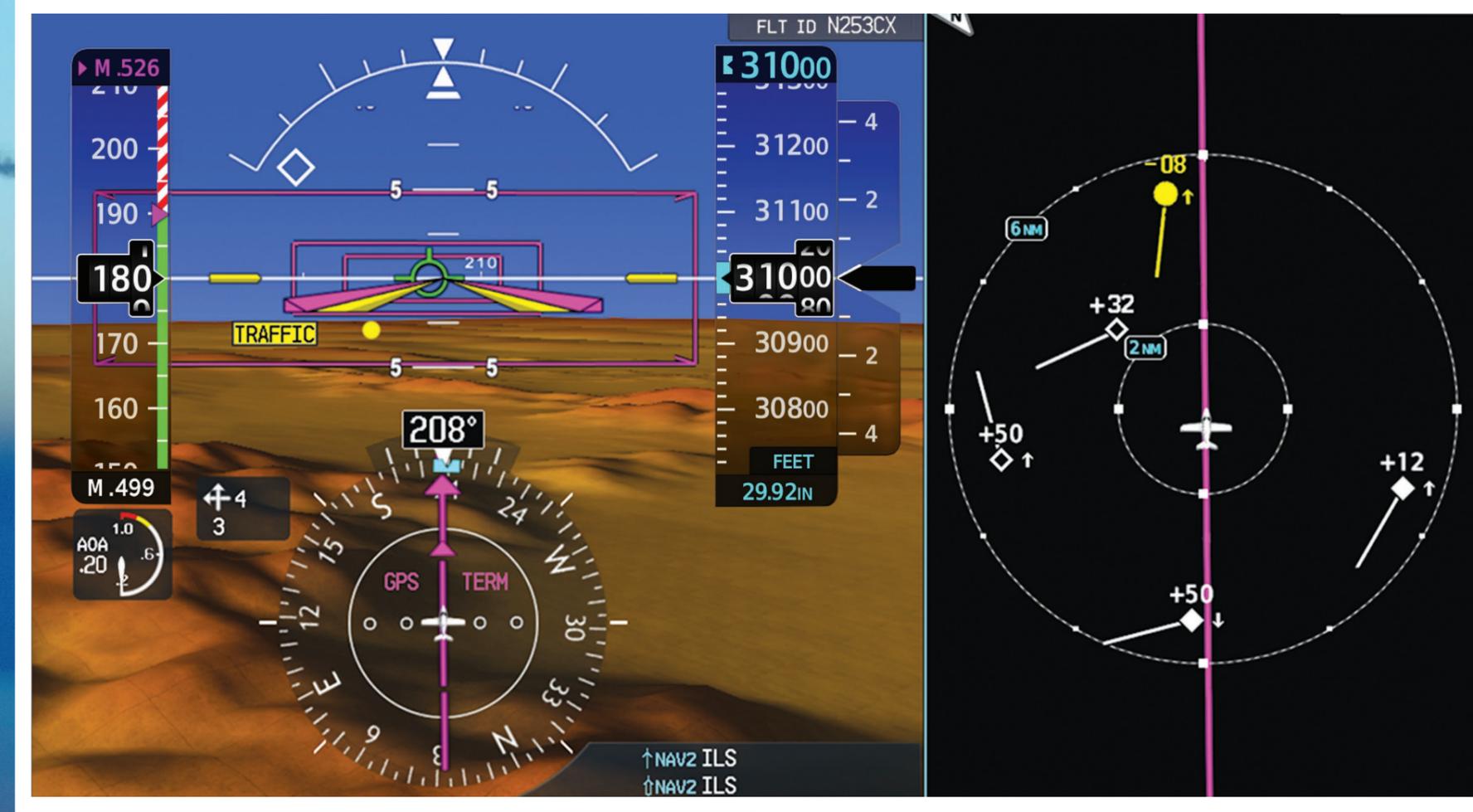


INTELLIGENT AUTOMATION

Perspective Touch+ brings added sophistication to your Vision Jet with Autothrottle – a uniquely intuitive feature that allows you to program your entire flight profile before departure, including climbs and descents.

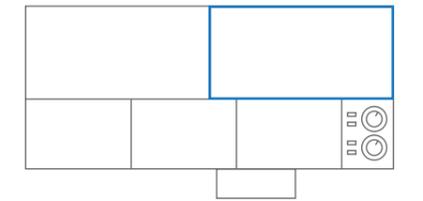
Autothrottle controls your airspeed with the push of a single button so you can navigate a busy terminal environment during your approach. Similar to the cruise control found in your car, you can easily disengage or adjust Autothrottle at any time based on flight changes. And the added benefits of Surface Watch will help you anticipate unknown obstacles, like terrain and taxing aircraft, during your final approach. The intelligent automation in the Vision Jet will increase your situational awareness and open up a whole new flight of possibilities.

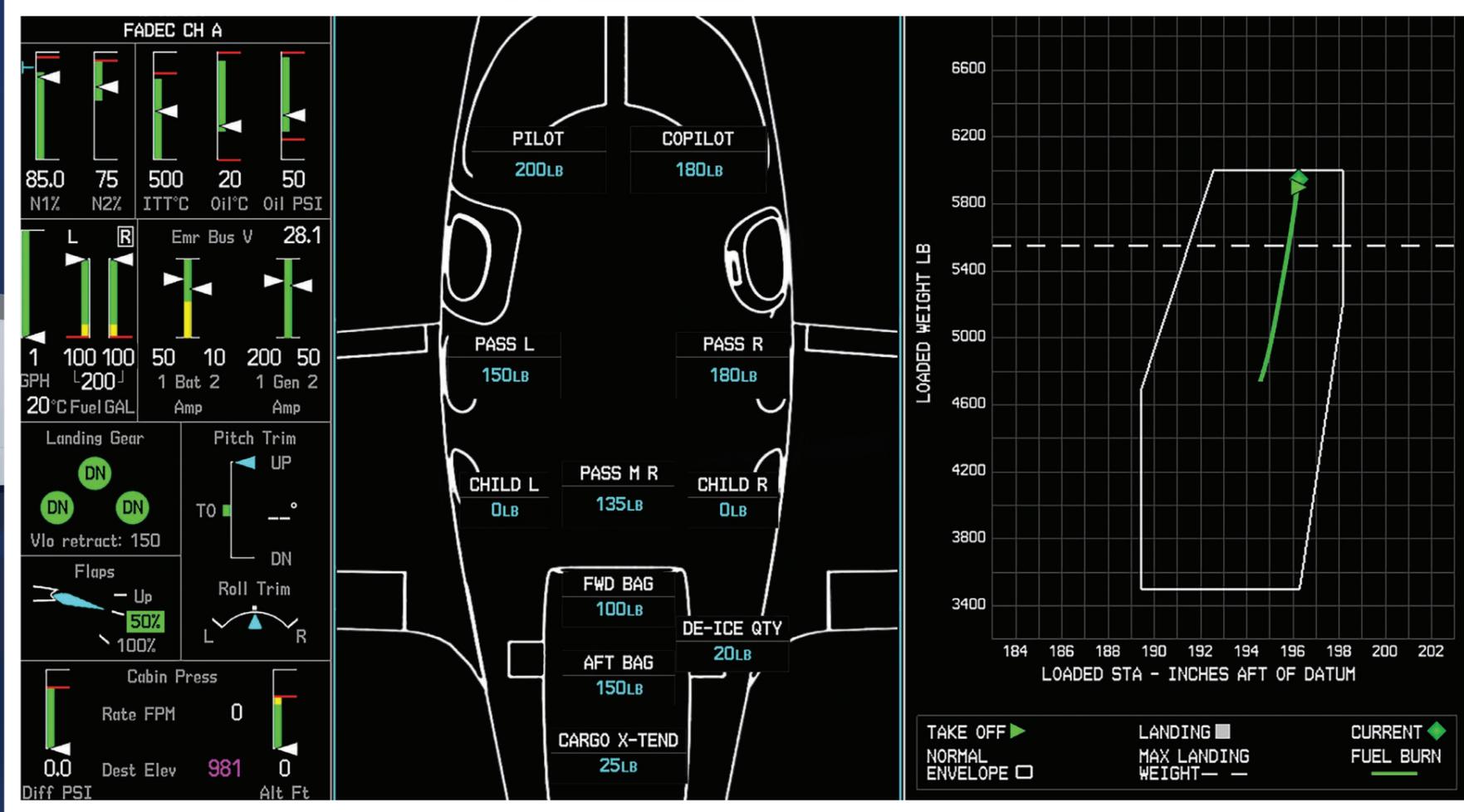




TRAFFIC AVOIDANCE

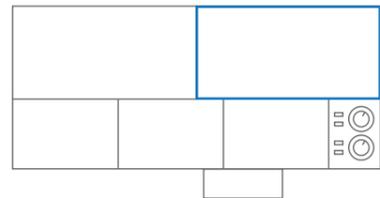
Eye in the sky. A high performance traffic system — designed for jet speeds — scans distances of 80nm and detects up to 75 targets within 10,000-foot vertical separation. The added course trend vectors help identify and track specific aircraft flight trajectories with much greater precision, while safety measures such as ATC-like aural alerts (“Traffic, Three o’clock, Same Altitude, Two Miles”) allow the pilot to keep heads-up scanning for traffic in congested areas.

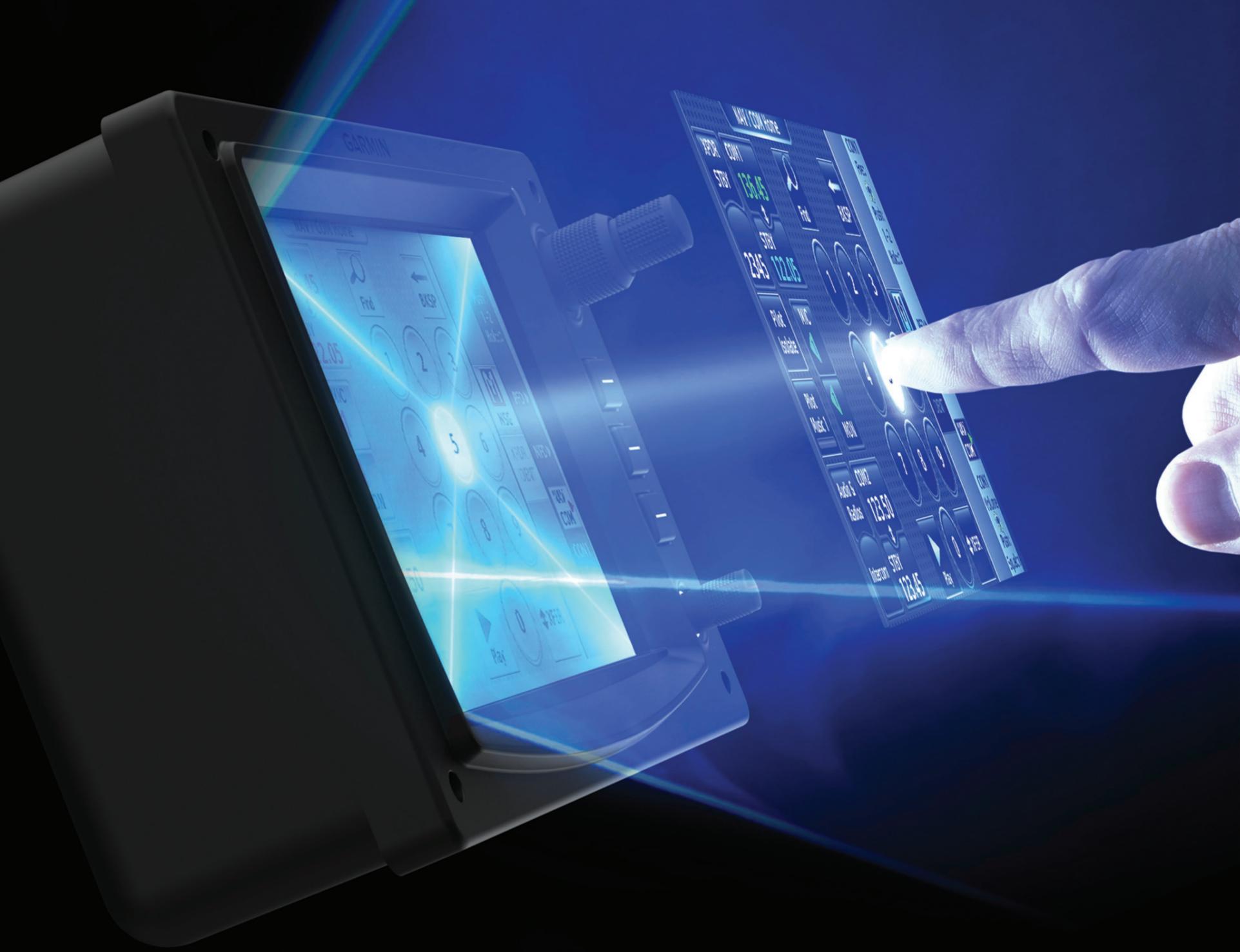




PAYLOAD MANAGEMENT

Smart Loading. The Weight and Balance synoptic pages make every input easy and accurate. Every gallon of fuel, seat occupied and bag stowed can be accounted for in the center of gravity calculation. This data can also be viewed on a flight display pane as a summary list, loading graphic and/or station weight calculation.





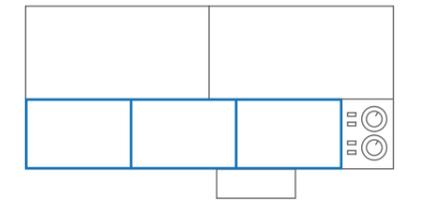
LEADING-EDGE TOUCHSCREEN TECHNOLOGY

Designed around you. The sunlight-readable high-resolution color displays use a grid of infrared beams to determine the location of your touch, for faster and more responsive data entry — even in turbulence. Additionally, each touchscreen placement gives the pilot an unobstructed view to access aircraft systems, radios and flight planning without straining.

Pan and zoom. A pop-up touchpad page on the touchscreen controller gives pilots control of the map pointer on the moving map, allowing for faster and easier identification of airspace and airport information. Navigate and control the moving map with simple finger gestures.

Fingertip Control. The icon-based user interface on the touchscreen controllers presents pilots with the same understanding they have with their smartphones and tablet devices by including the optional QWERTY keyboard layout. The full keyboard makes data entry more efficient thus eliminating the “hunt” for the right key during a critical phase of flight.

Perspective Touch+ — embracing the spirit of innovation and technology.





CIRRUS
PERSPECTIVE TOUCH+[™]
BY **GARMIN**[®]

Specifications, weights, representations, colors, list of equipment, use of materials and model references, are not warranted or guaranteed to be true or accurate. Actual Useful Load will vary depending on options installed on the aircraft. Always consult specific aircraft weight and balance data for flight planning. The pictures contained on this website and/or brochure of specific models or other products may contain optional equipment or nonstandard features, which even if available, may be at an additional cost. You may rely only upon statements and representations contained in actual contracts that you enter into with Cirrus Design Corporation. Materials outside of the contract, such as may be contained on this website and/or brochure, are not to be considered part of, inducement for, or given in reliance on, when you enter into any contract or agreement with Cirrus Design Corporation. Prices are subject to change without notice. Referenced Cirrus trademarks are owned by Cirrus Industries, Inc. or its subsidiaries. All other brands, product names, company names, trademarks and service marks are the properties of their respective owners. All rights reserved.
©2019, CIRRUS DESIGN CORPORATION D/B/A CIRRUS AIRCRAFT. ALL RIGHTS RESERVED.

