

CIRRUS
PERSPECTIVE TOUCH+
BY GARMIN®



# THE POWER OF TOUCH

At Cirrus, we are driven to constantly improve the flight experience. From day one, we have partnered with Garmin<sup>®</sup> — the global pioneer and industry leader in GPS technology — to develop and continuously improve the most sophisticated flight decks in the world.

Now, we have taken another revolutionary step forward with a new avionics system that is simple to use, more intuitive and more capable than ever.

Introducing the Cirrus Perspective Touch+™ by Garmin® flight deck for SR Series G7+ aircraft.

Powered by touch, the flight deck seamlessly connects you to your aircraft like never before. Easily access every function and tap to navigate through shallow menus. Enjoy a world of adventure at your fingertips.

Welcome to the new SR Series G7+ featuring Cirrus Perspective Touch+™.



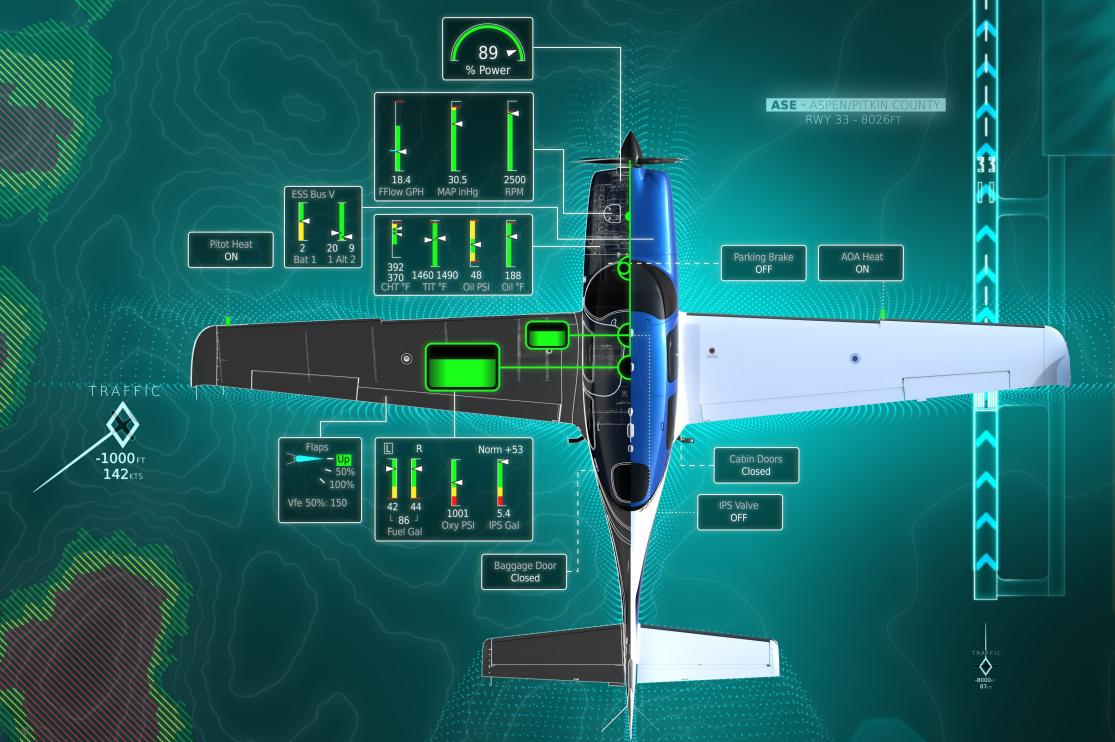
# FLIGHT DECK SUPERIORITY

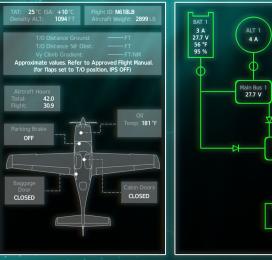
For more than two decades, we have made the best-selling aircraft in its class, and we have continuously redefined personal aviation with the latest advancements in flight technology. The SR Series G7+ raises the bar again with the most advanced flight deck available in a certified, high-performance piston aircraft with the addition of Cirrus Perspective Touch+™.

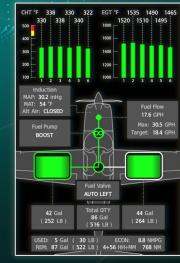
Explore the larger, high-resolution widescreen displays that show crucial flight information. Interact with the touchscreen controllers to see how intuitive a flight deck can be. Discover new, innovative capabilities that increase your situational awareness on the ground and in the air.

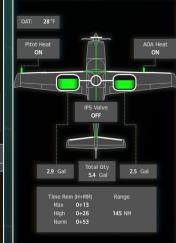
Cirrus Perspective Touch+™ is expertly designed to make flying easier and safer – continuously impressive during every flight.













# UNRIVALED INTEGRATION

With the SR Series G7+, you gain more insight into your aircraft than ever before. The Cirrus Perspective Touch+™ flight deck integrates key onboard systems so you can easily monitor the state of your aircraft in real time.

Colorful synoptic pages allow you to monitor aircraft systems and subsystems. Dedicated pages equip you with important systems information including engine, fuel, electrical, ice protection and more. Confidently fly knowing that you have the most comprehensive systems information available throughout your flight.

Smart Pitot Heat performs a self test before every flight and automatically turns on or off in flight depending on outside air temperatures.





# INTELLIGENT CONNECTIVITY — VIRTUALLY ANYWHERE

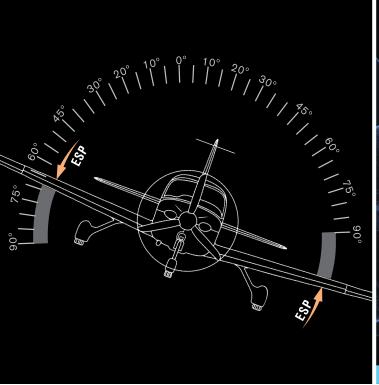
Cirrus Perspective Touch+™ offers a comprehensive set of conveniences to keep you connected to your aircraft. You will gain advanced connectivity that enhances your travel before, during and after each flight.

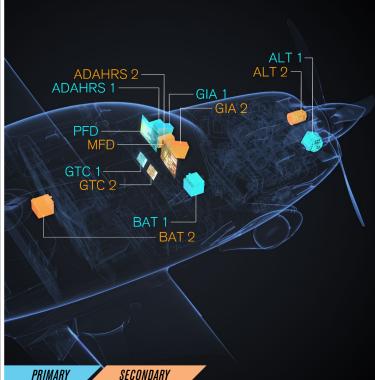
The Cirrus IQ™ app connects owners to their aircraft and provides powerful insights that make owning and operating an aircraft easier than ever before. With Cirrus IQ PRO™, connected owners can stay informed with real-time aircraft status updates, in-depth flight summaries with exportable flight data, streamlined inspection and maintenance management and more. Cirrus IQ PRO™ also features Automatic Database Updates, which seamlessly downloads new databases over WiFi® or LTE® and synchronizes them with all systems, ensuring your aircraft is ready to fly when you are.

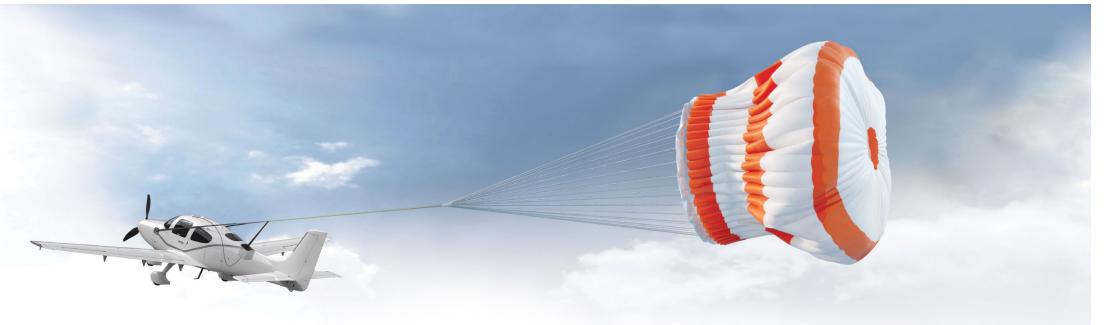
With Bluetooth® connectivity, pilots can effortlessly upload flight plans directly to the avionics panel, control SiriusXM® radio and stream music through the audio panel all from a mobile device. The Bluetooth® connection also provides real-time access to in-flight traffic and SiriusXM® weather, keeping you informed throughout your journey.

With Cirrus Global Connect, you will have access to worldwide satellite text messaging and telephone service dialed right from your phone plus optional global weather outside North America so you can stay in touch virtually anywhere you fly.









#### **UNMATCHED SAFETY**

The SR Series G7+ is designed with pilot and passenger safety in mind. Award-winning safety systems are embedded in every Cirrus aircraft and purposefully integrated to protect you and your passengers.

#### CIRRUS AIRFRAME PARACHUTE SYSTEM® (CAPS®)

Since its inception, Cirrus has redefined the standard for aviation safety as the "plane with the parachute." We equip every aircraft with our signature Cirrus Airframe Parachute System® (CAPS®), the most significant safety innovation in over a half-century of general aviation. CAPS® provides a revolutionary layer of safety for you and your passengers because our most fundamental mission will always be creating safer aircraft, safer pilots and safer skies.

#### STALL AND SPIN PROTECTION

Our SR Series G7+ aircraft incorporate a NASA-developed wing technology that features a "cuffed" discontinuous leading edge to minimize the potential for spin entry after an inadvertent stall. Plus, the digital, three-axis autopilot enables Electronic Stability & Protection™ (ESP™), which passively and unobtrusively helps correct unusual flight attitudes, even when the autopilot is not engaged.

#### STICK SHAKER

Complementing aural warnings and visual alerts, the SR Series G7+ offers pilot and copilot yokes with integrated Stick Shakers that provide tactile cues to warn you of an impending aerodynamic stall.

#### FLAP AIRSPEED PROTECTION

With the SR Series G7+, Flap Airspeed Protection prevents extending flaps when airspeed is too high or retracting them when it is too low and risking an inadvertent stall for extra assurance during critical phases of flight.

#### SMART REDUNDANCY

Cirrus Perspective Touch+ incorporates smart redundancy, fault tolerance and robust design to provide the safest, most reliable all-digital flight deck available. Each aircraft is equipped with dual Air Data Attitude and Heading Reference Systems (ADAHRS) to ensure the autopilot remains available, even in the unlikely event of an ADAHRS failure. Plus, two alternators, two batteries and multiple electrical buses isolate essential equipment to ensure power will be supplied to all critical components — even if multiple power source failures occur.

#### RUNWAY OCCUPANCY AWARENESS

New to SR Series G7+, Runway Occupancy Awareness leverages ADS-B traffic data to predict and alert pilots of potential runway incursions from nearby airborne aircraft or other aircraft on or approaching the runway. Visual and aural alerts are provided on the pilot's primary flight display and 3D SafeTaxi® map to maximize situational awareness, a safety feature that is especially useful at busy airports.

14

### FLIGHT DISPLAYS

Cirrus Perspective Touch+™ includes the best aircraft displays in the industry. They are larger, more colorful and offer three times more resolution than before, making them ideal for viewing charts, managing your flight plan or keeping an eye on weather.

The new split-screen capability on the PFD and MFD simultaneously provides up to three separate windows to present all the information you need while in flight including checklists, moving maps, enhanced airport diagrams, traffic, weather and more.





18



# Bat 1 | Alt 2 | Amp | Amp | Amp | COWEE | COW

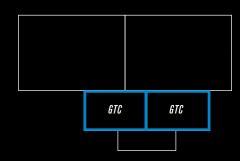
# TOUCHSCREEN CONTROLLERS

Cirrus Perspective Touch+™ reimagines your connection to your avionics. Both the Vision Jet® and the SR Series showcase the same Garmin® touchscreen controllers giving you complete control of the flight deck with a clutter-free interface that's simple to navigate, even in high workload situations.

Responsive, icon-based "touch keys" provide quick access to flight planning, mapping, procedures, audio controls, synoptic pages and more. Shallow menus ensure every function you need and returning to the home screen are only a few taps away.

Of course, if you prefer a manual approach, just use the controllers' concentric knobs to toggle among functions and enter frequencies. It's your choice; you're always in control in your Cirrus aircraft. That's exactly how technology should be.







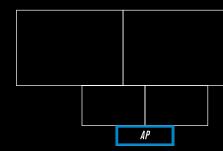
# DIGITAL AUTOPILOT

The SR Series G7+ positions the controller closer to the Cirrus Perspective Touch+™ displays for improved ergonomics and workflow.

Cirrus Perspective Touch+™ reduces your workload with the assistance of the digital dual-channel Automated Flight Control System (AFCS). Building on smart servo technology, the AFCS delivers precise lateral and vertical navigation guidance during every phase of flight. An optional yaw damper automatically engages and disengages at 200 feet AGL to ensure a comfortable, coordinated flight.

Additionally, the industry-leading Blue Level Button comes as standard equipment on all Cirrus aircraft, and when the level mode button is activated inflight, the autopilot automatically engages and works to return the aircraft to a straight-and-level condition.







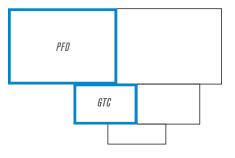


#### AIRPORT OPERATIONS

Cirrus Perspective Touch+™ is equipped with the latest tools to enhance your situational awareness and help you safely navigate even the most complex airports with dynamic depictions of the airport environment. Easily enter taxi clearances using Taxiway Routing and follow clearly displayed instructions on the map with a 3D exterior view that shows your aircraft, airport buildings, markings, signs and more.

Garmin® SurfaceWatch™ continuously monitors your aircraft location and provides visual and aural alerts to help avoid taking off or landing on the wrong runway, a runway that is too short or a taxiway. It also displays the remaining runway available for added situational awareness.

Runway Occupancy Awareness uses ADS-B traffic data to alert pilots of potential runway conflicts. It provides visual and aural alerts of potential threats to maximize situational awareness, especially at busy airports.

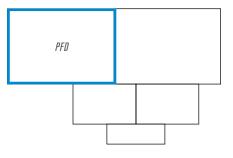


# +1300 FT 83% Power 5 MILES DESCENDING

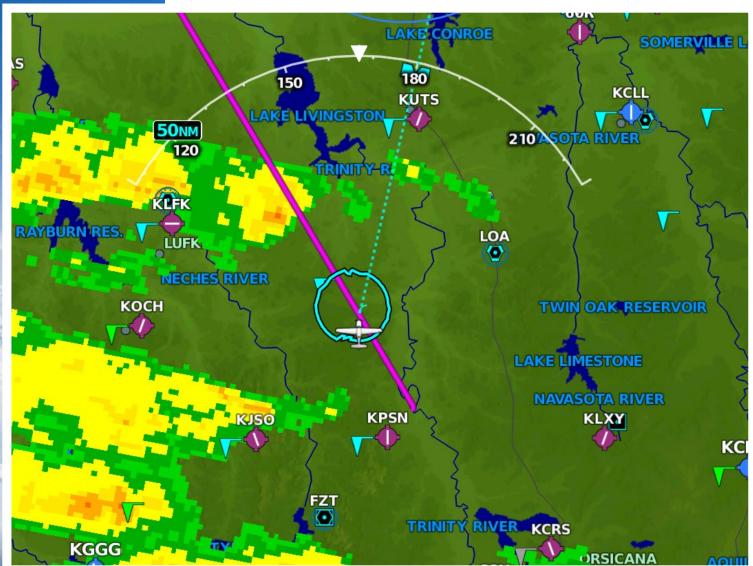


#### TRAFFIC ADVISORY SYSTEM

Cirrus Perspective Touch+™ features a high-performance, active traffic advisory system (TAS), with powerful capabilities that keep you informed of potential conflicts. You can track up to 45 targets within 22 NM range and 10,000 feet vertical separation and view their course trend vectors that display precise flight trajectories, including heading, climbs or descents. Plus, you will hear ATC-like spoken aural alerts — "Traffic, three o'clock, same altitude, two miles" — so you can stay aware and locate encroaching aircraft in busy airspace.

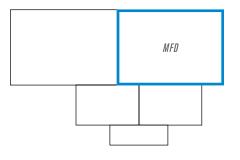


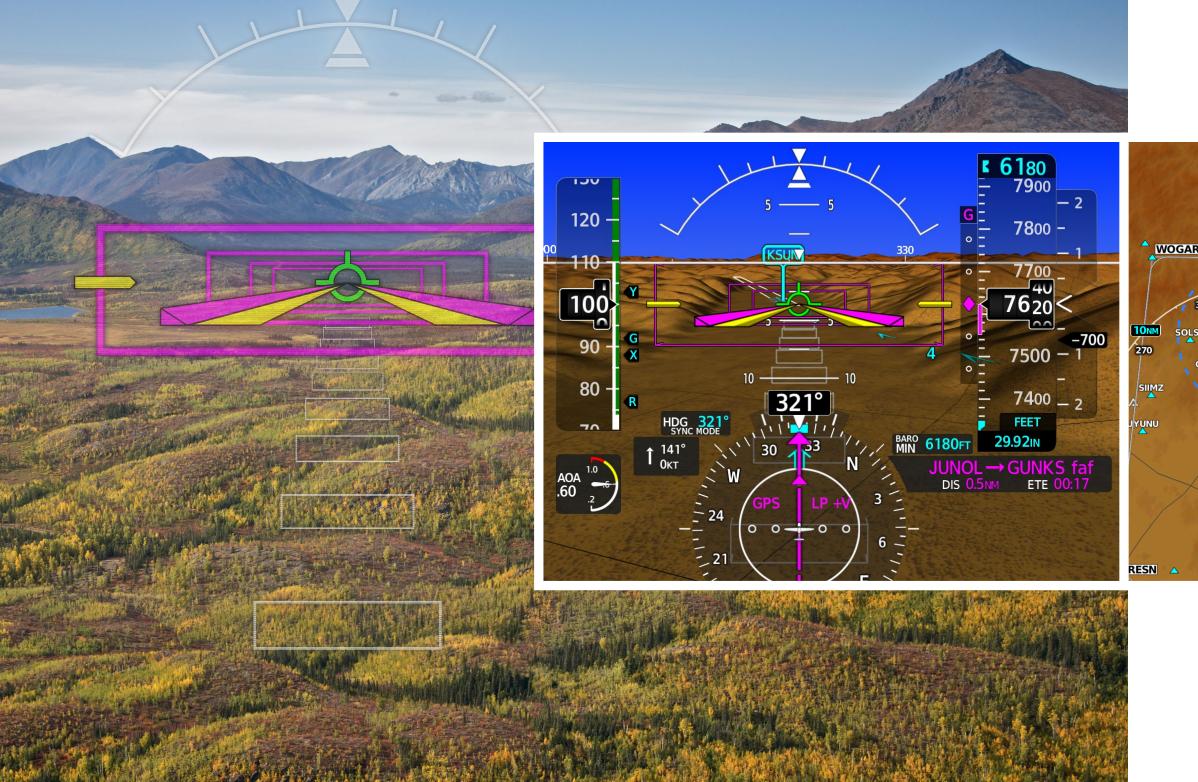


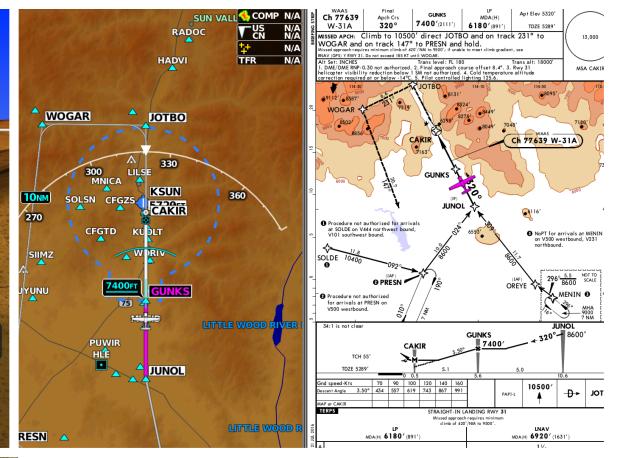


### DATALINK WEATHER

Cirrus Perspective Touch+™ provides a broad suite of weather information to help you stay alert to changing weather conditions as you fly. You will access ADS-B "In" weather and satellite weather services for a comprehensive view of your environment. Animated radar shows cell movement, lightning, satellite cloud tops, icing potential, freezing levels, winds aloft, as well as METAR, TAF and SIGMETS/AIRMETS. All the information you need to help you make informed decisions to enhance flight safety.





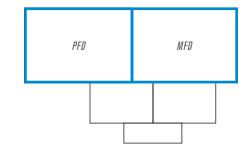


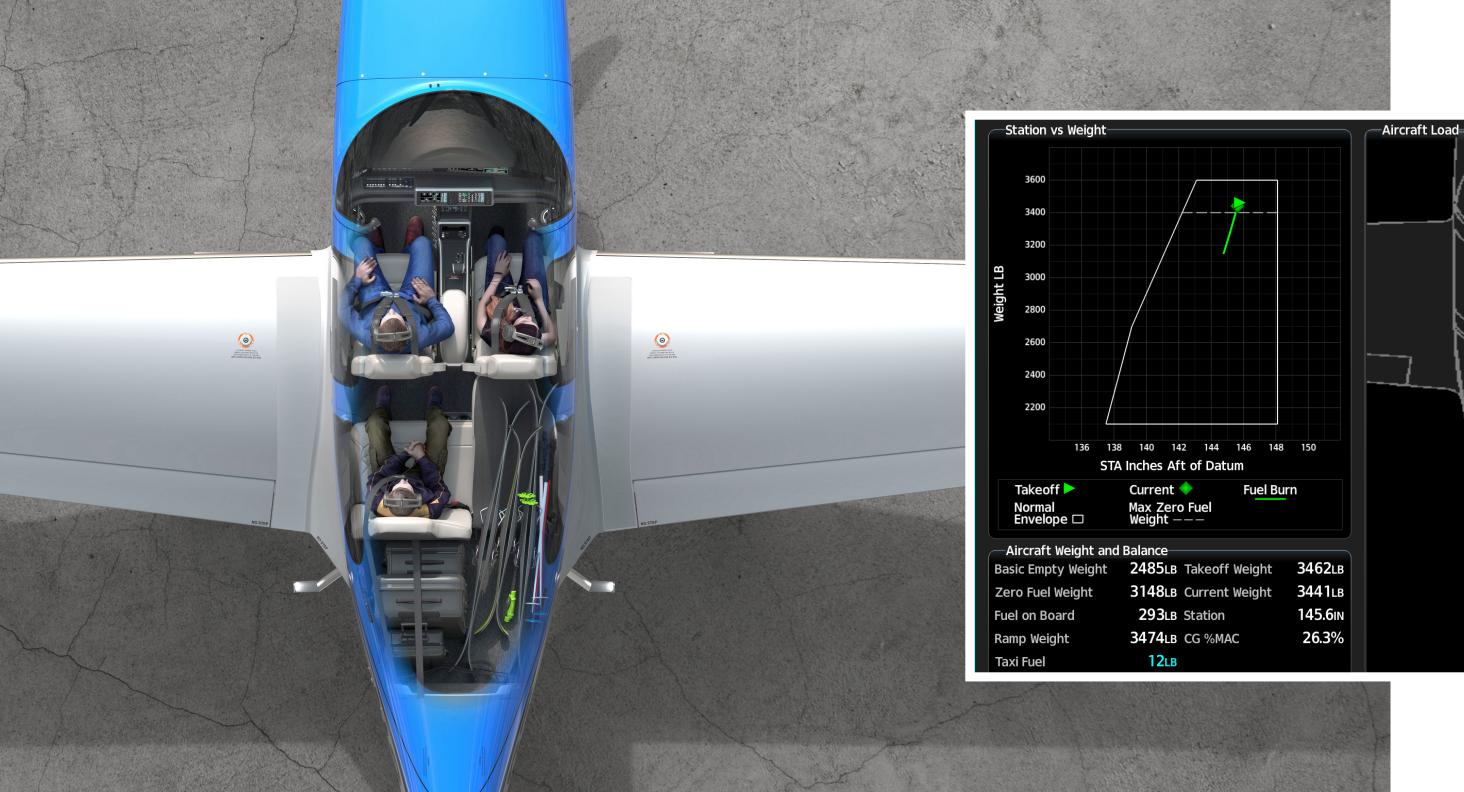
#### SITUATIONAL AWARENESS

Cirrus Perspective Touch+™ enhances situational awareness in every phase of flight with an expansive set of tools on your PFD and MFD. Now, with split-screen capabilities, you can view up to three multi-function windows for even more information to guide your decision-making.

See a 3D virtual view of ground and water features, obstacles and traffic with Garmin® SVT™ synthetic vision technology, and know that you are on the desired flight path — whether enroute, on approach or on the missed approach — with Highway in the Sky (HITS).

Stay clear of powerlines with Garmin® WireAware™ technology overlays on the moving map. Get visual and aural cautions and warnings of potential conflicts with the enhanced Terrain Awareness and Warning System (eTAWS) as well as warnings for premature or excessive rates of descent or altitude loss after takeoff with forward-looking terrain avoidance. Track your active flight plan in profile view, including your waypoints, descent path and terrain along your route, on the Vertical Situational Display (VSD).





#### PAYLOAD MANAGEMENT

Pilot

205<sub>LB</sub>

Pass L

75 гв

**IPS Fluid** 

48<sub>LB</sub>

Pass M

100<sub>LB</sub>

Baggage

**80**LB

Copilot

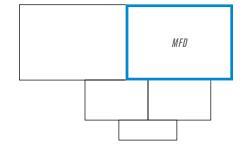
130<sub>LB</sub>

Pass R

**25**LB

With the most spacious cabin in its class, the SR Series G7+ seamlessly integrates luxury and convenience. The 60/40 Flex Seating™ folding rear seats invite your passengers to relax — while also enabling easy transport of a wide assortment of gear.

Loading your aircraft is easy, too. The Weight and Balance synoptic page accounts for every seat occupied, bag stowed and gallon of fuel or TKS fluid on board in your center of gravity calculations. You know you can complete your flight safely and legally — and go confidently on your way.





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BY GARMIN®



Specifications, weights, representations, colors, list of equipment, use of materials and model references listed herein 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 parameters and data for flight planning. The pictures contained in this brochure of specific models or other products may contain optional equipment or nonstandard features, which even if available may be at an additional cost. Some optional equipment requires separate paid subscriptions from third-party providers. You may rely only upon statements and representations contained in actual contracts that you enter into with Cirrus Design Corporation. Referenced Cirrus trademarks are owned by Cirrus Industries, Inc. or its subsidiaries. All other brands, product names, company names, trademarks and services marks are the properties of their respective owners.

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