

SR20

GENERATION THREE



WE WANT TO TAKE YOU FLYING

Enjoy a complimentary demonstration flight and find out why owning a Cirrus SR20 truly is PLANE GENIUS™.

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SR20

GENERATION THREE



2008 SR20G3 THE AIRPLANE THAT CHANGED THE INDUSTRY

PLANE GENIUS™

GENERATION THREE

LEADER OF THE CLASS

Affordable luxury. That's what makes the SR20-GTS so appealing. Our top-of-the-line SR20 respects your bottom line. An ample 200 horsepower engine does the heavy lifting as you relax and enjoy an array of standard equipment that includes every available factory-installed option and all interior styling extras. With an impressive exterior package that includes every sparkling detail from a chrome spinner to a distinctively elegant striping package, the SR20-GTS commands a second look wherever it lands.



PERFORMANCE SAFETY COMFORT INNOVATION EASE OF OPERATION

INNOVATION



THE AIRPLANE THAT CHANGED THE INDUSTRY

INSPIRED INNOVATION

Introducing the all-new 2008 SR20-G3. Created for those who want more out of life, the SR20 has been redesigned and reengineered for a whole new generation of pilots. From its glass cockpit to its newly designed wing, the plane is sure to exceed your expectations. The SR20-G3 is also the ultimate in stylish luxury, making every flight more enjoyable. Plus, it comes equipped with all the safety features you've come to expect from Cirrus. Whether you're a beginning student, an experienced pilot looking for personal transportation, or a flight training center wanting to expand your operation, the 2008 SR20-G3 is the airplane for you!

ECONOMICAL PERFORMANCE

The SR20 will take you to your destination, over 700 nm away, at up to 156 knots in style and comfort. Fast and efficient, it can even use less fuel than your family SUV. And you can go direct, often 35 percent less distance to travel, without delays.

THE CHOICE OF SMART PILOTS

A variety of options lets you create a versatile, rugged, and technologically advanced airplane that's simple to fly and affordable to maintain. You'll also have the peace of mind knowing that your SR20 is one of the most dependable planes on the market today. Place your trust in the reliability of a composite airframe proven by a fleet of nearly 4,000 aircraft that have logged over 2 million flight hours. And when you're ready to trade up for your new Cirrus, you'll appreciate the fact that the SR20 has great residual value.



ELEGANCE REACHES NEW HEIGHTS

The looks of a high-performance sports car. The safety features of a long-distance touring automobile. The comfort of an ultra-luxury car. The SR20-G3 has it all, plus a spacious 49-inch-wide cabin (124 cm) so you and your passengers can fly in comfort. Luxurious ergonomic seating and a superior climate-controlled environment make every flight a relaxing experience.

What's your pleasure? The SR20's XM Satellite Radio system (available only in the U.S.) makes every flight more enjoyable. Coast to coast, you and your passengers will enjoy the music you prefer with over 200 stations from which to choose.

With the SR20-G3 you get the whole package – including the innovative glass cockpit Cirrus introduced to general aviation aircraft to make flying easier and more intuitive than ever. The plane's large glass avionics panel allows everyone to monitor the flight's progress on a moving map display. Though other manufacturers have tried to copy it, our unique panel layout is one of the most functional yet aesthetically pleasing designs in the industry. Plus, we've wrapped the avionics around the pilot and placed all the controls right where they should be.

More than a means of travel, the SR20-G3 is your sanctuary for comfortable transportation. Sleek and easy-to-fly, it's the perfect way to travel – whether your destination is near or far ... or simply the blue sky above.





PREMIUM STANDARD FEATURES

The SR20's Continental engine puts 200 horsepower and 156 kts at your fingertips, and its redesigned longer wing gives you greater climb performance than ever before. The plane boasts a spacious 49-inch-wide cabin that will keep all occupants relaxed in an atmosphere of generous ergonomic seating and a superior climate-controlled environment. Oversized doors allow for easy entry and exit, while the unique rear window brings in additional light to create a brighter, more comfortable ambient environment. Luxurious leather seats – available as an option – to surround pilot and passengers, making even longer flights a relaxing experience.

Comfort, safety, convenience, ease of flying. They all add up to make the 2008 SR20-G3 the standard from which all others are judged.

STANDARD ON EVERY SR20-G3

- Innovative glass cockpit to make flying easier, safer, and more enjoyable
- Cirrus Airframe Parachute System™ (CAPS) and airbag seatbelts
- Side yokes for greater convenience, increased instrument panel visibility and enhanced safety
- Simplified power control for ease of flying
- Composite design for outstanding strength, supreme aerodynamics, and weight savings
- 26G energy absorbing seats

Many other manufacturers and competitors have copied some of these features, but only Cirrus equips each and every SR20 with all these innovative features as standard equipment.



PERFORMANCE SAFETY COMFORT INNOVATION EASE OF OPERATION



THE CHOICE OF LEADING FLIGHT SCHOOLS

Flight schools and aviation colleges agree. The sophisticated Cirrus glass cockpit is like the advanced avionics flight students will ultimately be using as professional pilots. Flight school safety objectives are complemented by Cirrus' comprehensive list of standard safety features, including the Cirrus Airframe Parachute System™. Versatile, rugged, simple to fly, and affordable to maintain. Call us for a Demo Flight. The SR20 is sure to become the most rented airplane on your flight line. Ask your local flight school about SR20 leaseback opportunities.

PHOTO: WESTERN MICHIGAN UNIVERSITY - COLLEGE OF AVIATION



GENERATION THREE

WHAT'S NEW ON THE REDESIGNED SR20

The SR20 has been transformed into an aircraft with more features than ever ... while reducing weight. It features one of the highest strength-to-weight ratios in the industry. We've made the wing stronger and increased useful load.

Two inches (5.1 cm) taller than its predecessor, the SR20's ramp presence and stance are very striking. Exterior improvements abound – like the restyled wheel pants and drag-reducing NACA air intake, optional LED wing tip recognition lights, and restyled wing root fairings. Inside are more changes – including the new single-piece interior bolster panel design with backlit control switches.

LIGHTER WING

The heart of our new wing design is a carbon-fiber spar (produced in an autoclave), which reduces the airplane's overall weight and provides an outstanding strength-to-weight ratio while also increasing the useful load.

GREATER USEFUL LOAD

The maximum Gross Take Off Weight of the 2008 SR20 is 3,050 lb (1,383 kg). 50 lb (23 kg) more than the previous model, your useful load has increased substantially ... so you can take more with you wherever you fly.

FUEL CAPACITY MEANS GREATER RANGE

With its 56-gallon (212-litres) usable wet-wing fuel storage system, you can reach destinations over 700 nm away without a fuel stop.

TALLER STANCE, GREATER GROUND CLEARANCE

The main landing gear has been reengineered to increase the airplane height by two inches (5.1 cm). This provides greater prop and tail clearance when landing on less-than-ideal runway surfaces.

NEW RECOGNITION LIGHTS

Designed into the new wing tips, LED recognition lights – standard on SR20-GTS – increase your visibility of the airport environment during taxi, takeoff, and landing at night. They also make it easier to “see and be seen” by other aircraft, increasing your chances of collision avoidance, both day and night.

IMPROVED HANDLING

Increased dihedral improves lateral stability, providing a more balanced and fluid feel.

IMPROVED AERODYNAMIC CHARACTERISTICS

Wing root fairings have been redesigned to reduce drag and increase climb efficiency.

ENVIRONMENTAL SYSTEM DESIGN CHANGE

Fresh airflow on Generation Three aircraft has increased by 40 percent, and the airflow has more than doubled in full heat mode. We've increased the hot air temperature by 30° F (16.7° C). You'll also find the system smoother and easier to operate.

WIDE AREA AUGMENTATION SYSTEM (WAAS)

The WAAS-certified GNS 430W provides vertical guidance, in the WAAS coverage area, much like a glideslope on an ILS approach, giving you precision approach capability into some of the most remote airports in the country. Coupled with the simple-to-use and sophisticated S-TEC 55X autopilot with roll-steer function (GPSS), GNS 430W gives the pilot added ability to fly holding patterns and procedure turns automatically.

AVIDYNE

Pipitka Entegra

The PFD displays a comprehensive set of flight information. At the top, it shows airspeed (170 KTS), altitude (9100 FT), and heading (218°). The center features a synthetic vision display with terrain and horizon. Below this, a heading scale and engine gauges (RPM, MAP, FF, OIL) are visible. The bottom section contains flight data for KDLH, including VOR, ADF, and engine parameters.

AVIDYNE

HighLifez

The MFD is split into several functional areas. The top left shows flight data for KDLH. The main area is a weather radar display with color-coded intensity. To the right, there's a traffic display and engine data. The bottom section includes a checklist and engine status.



The CCP displays the current frequency (127.950) and mode (VLOC). It includes buttons for various functions like COM, OBS, MSG, FPL, and PROC.

The MCP displays ATIS (124.100), Ground (121.900), Tower (110.300), and Unicom (122.950) frequencies. It also includes buttons for NAV, APR, REV, ALT, and VS.

The MCP displays the current altitude (0211) and mode (S000). It includes buttons for NAV, APR, REV, ALT, and VS.



FLIGHT DIRECTOR



Flight Director simplifies both instrument and visual flight by helping the pilot intuitively maneuver the airplane. The display consists of a flying wedge, indicating the aircraft attitude, and a set of command bars, indicating the recommended attitude to maintain the selected course. When hand-flying the aircraft, simply keep the displayed flying wedge snugly nestled into the inverted "V" or notch where the two command bars join.

EMAX™



EMax Engine Monitoring displays pertinent engine information including CHT, EGT, fuel flow, and percent power, simplifying engine management. A fuel totalizer computes MPG and remaining fuel at each waypoint in your flight plan, including your destination. A lean-assist function guides you through fuel mixture adjustments, and it includes built-in cautionary advisories of settings too rich or too lean.

STORMSCOPE®



Stormscope provides real-time lightning detection, including both ground strikes and cloud-to-cloud strikes. Before the onset of precipitation, Stormscope detects every type of lightning in real-time. Even before datalink weather begins to plot its findings, Stormscope is tracking the intensity and movement of the storm.

XM WEATHER + RADIO*



XM Weather is a satellite datalink that provides critical weather information: NEXRAD radar, METARs, TAFs, AIRMETs, SIGMETS, TFRs, winds aloft, freezing levels, and lightning. XM Satellite Radio provides entertainment via coast-to-coast satellite radio with 200+ stations.

*Available only in the U.S.

TAWS-B



Enhanced Ground Proximity Warning System by Honeywell (TAWS-B) significantly reduces the risk of Controlled Flight Into Terrain (CFIT). Forward-seeing technology alerts you with audible and visual warnings to hazards both ahead of and below the airplane.

CMax™



CMax Electronic Approach Plates make your MFD more informative and simplify single pilot IFR operations. Since charts are not required, the SR20 benefits from a truly paperless cockpit.

SKYWATCH™



This transponder-based traffic awareness and warning system alerts you with both visual and audible warnings of aircraft in your area. It works anywhere in the world and is independent of ground-based radar sites.

INNOVATIVE AVIONICS

Cirrus offers the most innovative and advanced avionics to make flying easier and more intuitive than ever before.

AIRBAG SEATBELT – In the event of an accident, the Cirrus airbag seatbelt will help protect you and your front-seat passenger with technology proven in the automotive industry. Within milliseconds of an accident, an airbag "pillow" is deployed to help shield the occupant's head and upper body.



DUAL GARMIN GNS 430W – With two Communication Radios, two Navigation Radios, and two GPS Receivers, the dual Garmin GNS 430Ws offer the greatest possible level of redundancy. When coupled with the Avidyne Entegra Flight Deck, they give you the ability to display up to four customizable maps simultaneously, greatly enhancing situational awareness. Each Garmin GNS 430W works independently, giving you self-contained navigation and communications in virtually any condition. And now, with WAAS technology, you can enjoy even greater performance and flexibility.



S-TEC 55X AUTOPILOT – Designed with simplicity in mind, the S-TEC 55X autopilot reduces pilot workload and allows you to arrive at your destination refreshed and alert. This autopilot boasts all of the standard features you would expect in any autopilot and also offers altitude pre-select, GPS steering, and ILS glideslope coupling. In the unlikely event of a PFD failure, the autopilot will still help you get home safely with its independent control and navigation inputs.





CAPS™ – Cirrus airplanes are uniquely designed from the parachute outward. Developed by Cirrus and BRS™, CAPS is a rocket-deployed 55-foot (17 m) parachute that provides an extra margin of safety to Cirrus pilots and passengers in the unlikely event of an emergency. Normally hidden beneath the sleek surface of the airframe, strong Kevlar straps are ready to suspend the entire airplane beneath the canopy. Once the overhead handle is pulled by the pilot or passenger, the parachute lowers the airplane and its occupants to the ground. Cirrus is the only manufacturer of Part 23 certified aircraft to include such a parachute as a standard feature.



LED RECOGNITION LIGHTS – New leading-edge wing tip long life LED recognition lights (standard on SR20-GTS) enhance ground visibility at night during the taxi, take off and landing phases of flight to better illuminate what's in front of you. While you're in flight, the recognition lights make you more visible to other pilots, even during daylight hours.



MASTER SWITCH PANEL – The master switch panel has been redesigned, incorporating a number of new features. The switches are now recessed to prevent inadvertent power cycling during flight. The entire unit is now backlit with a dimmer control for better visibility at night. In addition, LED lights have been installed to make it easy for pilots to differentiate between switches that are turned off and those that are turned on at night.

SINGLE POWER LEVER – Our SIMPLE™ Single Movement Power Lever – conveniently located on the center console – is a proprietary design incorporating the propeller governor lever with the throttle lever. Propeller speed is adjusted for you automatically, minimizing your workload and maximizing your flying enjoyment. Why bother with two power levers when you can make flying as simple as push forward, go fast?

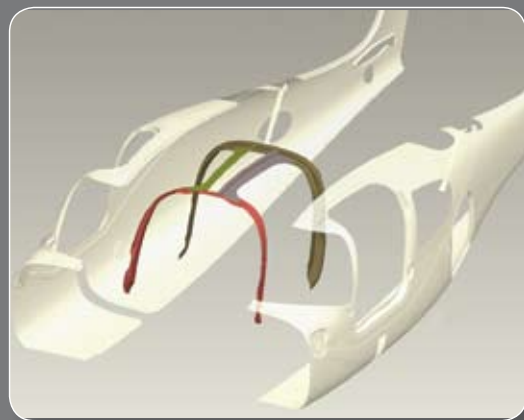


OVERSIZED DOORS – The enormous cabin doors mean no ducking or crawling, since they allow for the easiest of entry and exit – even for backseat passengers. And there are no vulnerable door seals for passengers to accidentally puncture. Once the doors are closed, you and your passengers will enjoy the panoramic view from the large windows that increase both comfort and visibility.



CONTINENTAL ENGINE – World-renowned Continental engines are a proven source of reliable, durable power for all Cirrus aircraft. All SR20 models are fuel-injected, six cylinder engines with a tuned exhaust system and altitude-compensating fuel pump. The extraordinary 200 hp IO-360-ES engine is not only powerful, it's rugged and fuel-efficient as well.





ROLL CAGE AND 26G SEATS –In addition to the phenomenal strength of the composite airframe structure, the Cirrus 3g roll cage surrounds you and your passengers in an enclosed zone of safety. The SR20 comes with an automotive style beveled firewall to protect you by keeping the airplane upright in the event of an off airport landing. For even more safety, the SR20 has 26g seats that utilize CEAT™ (Cirrus Energy Absorbing Technology) to absorb energy protecting you and your passengers from excessive landing forces.



DUAL SIDE YOKE – An ergonomically correct dual side yoke helps make flying easy and comfortable. Your hand rests naturally around the side yoke, and the electric trim is easily thumb-operated. Radio push-to-talk and autopilot disconnect are also at your fingertips.



CUFFED WING – Prevention is key when it comes to avoiding inadvertent stalls and spins. Our innovative, NASA-inspired wing produces exceptional handling and roll control at slow speeds with gentle pre-stall characteristics and warning. The wing is a blend of several high-performance airfoils and is easily recognized by the extended leading edge section or 'cuff'. This unique wing design also provides improved resistance to spin entry during an inadvertent stall.

SR20

Performance

Takeoff	1478 ft	450 m
Takeoff Over 50 ft/15.2 m Object	2221 ft	677 m
Climb Rate	828 ft/min	252 m/min
Max Operating Altitude	17,500 ft	5334 m
Stall Speed with Flaps	56 KCAS	56 KCAS
Max Cruise Speed (75% power)	156 KTAS	156 KTAS
Cruise Range w/Reserve	627 nm/65% pwr	627 nm/65% pwr
Maximum Range w/Reserve	785 nm/55% pwr	785 nm/55% pwr
Landing Ground Roll	853 ft	260 m
Landing Over 50 ft/15.2 m Object	2636 ft	803 m

Engine

Manufacturer	Continental	Continental
Model	IO-360-ES	IO-360-ES
Horsepower	200	200

Design Weights and Loading*

Maximum Gross Weight	3050 lbs	1383 kg
Standard Empty Weight (SR20-G3)	2080 lbs	943 kg
Standard Empty Weight (SR20-GTS™)	2162 lbs	981 kg
Useful Load (SR20-G3)	970 lbs	440 kg
Useful Load (SR20-GTS™)	888 lbs	403 kg
Usable Fuel Capacity	56 gal/336 lbs	212 litre/152 kg

Design Dimensions

Wingspan	38 ft 4 in	11.68 m
Cabin Width	49 in	124 cm
Cabin Height	50 in	127 cm

*Weights and loading based on base SR20 configuration. Actual Useful Loads and individual aircraft weights will vary depending on options installed on the aircraft. Always consult specific aircraft weight and balance data for flight planning.
¹ONLY available with 3-blade propeller.
²Must be registered by owner with the country of aircraft registration.
³Available for use only in the U.S.
⁴Available for export markets only.

SR20-G3 SR20-GTS™

Safety

Cirrus Airframe Parachute System (CAPS™)	■	■
Airbag Seatbelts (Pilot & Copilot)	■	■
Terrain Awareness System (Garmin®)	■	■

Performance/Powerplant

TCM IO-360-ES, 200 hp	■	■
3-Blade Propeller	□	■

Avionics

Primary Flight Display (PFD)	■	■
EX5000C Multi-Function Display (MFD)	■	■
GMA 340 Audio Panel	■	■
GNS 430W/250XL, Autopilot 55SR	■	–
GNS 430W/420W, Autopilot 55SR	□	–
GNS 430W/430W, Autopilot 55X	□	■
GTX 327 Digital Transponder	■	■
Weather Datalink & Audio (XM) ³	□	■
WX Package (Stormscope® & XM) ³	□	■
Real-Time Lightning Information (Stormscope®)	□	■
Traffic Information (SKYWATCH™)	□	■
Enhanced Ground Proximity Warning System (TAWS-B) by Honeywell	□	■
Engine & Fuel Monitor (EMax™)	□	■
Electronic Approach Plates (CMax™)	□	■
Flight Director	□	■

Other Features

406 MHz ELT ²	■	■
Fan Powered Ventilation System	□	■
Recognition Lights	□	■

Paint and Graphics

Leading Edge Protectant	□	■
Tinted Windows	□	■
Polished Spinner ¹	□	■
Leather Interior	□	■

International Option

GTX 330 Transponder (Mode-S) ⁴	□	□
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SR20-G3 AIRCRAFT

SR20-GTS AIRCRAFT

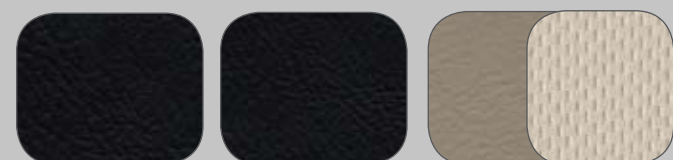
SR20-G3 FLAGSTONE



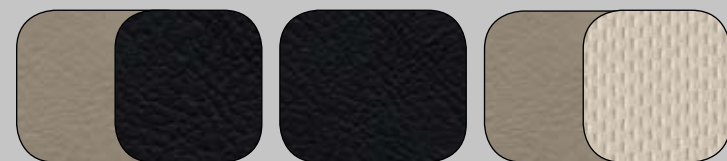
SR20-G3 STONE LEATHER



SR20-G3 ONYX LEATHER



SR20-G3 SAND & ONYX LEATHER



SR20-G3 STONE FABRIC



SR20-G3 ONYX FABRIC



SR20-G3 MATADOR



SR20-G3 CELESTIAL



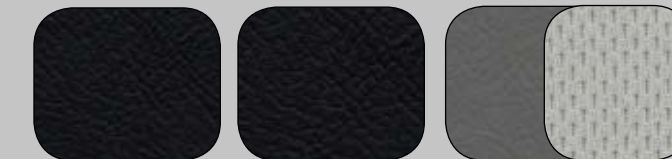
SR20-GTS TUXEDO



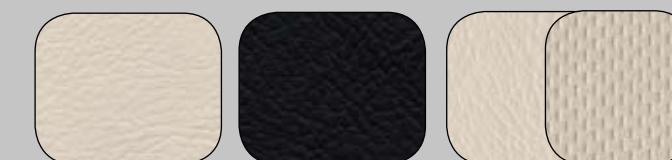
SR20-GTS GARNET



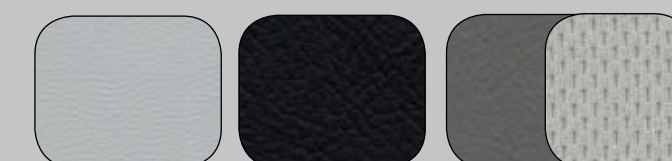
SR20-GTS SLATE LEATHER



SR20-GTS IVORY LEATHER



SR22-GTS LIGHT GREY





EASY TO FLY + EASY TO BUY

While nothing can compare to the pure joy of flying a Cirrus, our exciting Ownership Programs will also enhance your total aircraft ownership experience. The programs include everything you need to purchase, trade, finance, lease, insure, warranty, and operate your Cirrus. Ask your Cirrus Sales Manager about:

CIRRUS CERTIFIED™

Let us help you sell your current Cirrus so you can move on up to a new Cirrus aircraft.¹

CIRRUS FINANCE™

Low, competitive rates and excellent service make it easier than ever to own a new Cirrus.³

CIRRUS LEASE™

If purchasing isn't right for you, low-cost leasing may be the most viable option.²

CIRRUS INSURANCE™

Take advantage of the opportunity to obtain insurance at some of the most favorable rates in the industry.²

CIRRUS SHARE™

Whether or not you intend to 'fly alone', it doesn't always make sense to 'buy alone.' Joint ownership may be the perfect option for you.²

CIRRUS ACCESS™

Not a pilot? Not a problem! You get more than an airplane – you get a personal, professional pilot and flight instructor who's yours to command for a whole year.²

CIRRUS ENCORE™

If you're already a Cirrus owner, you can save thousands on the purchase of your next Cirrus.⁴

CIRRUS WARRANTY™

At Cirrus, you'll find the best warranty selections available to back up your investment.⁴

CIRRUS PROFICIENT™

Cirrus provides a simple way for owners and pilots to make a plan for building pilot experience and skills.⁴

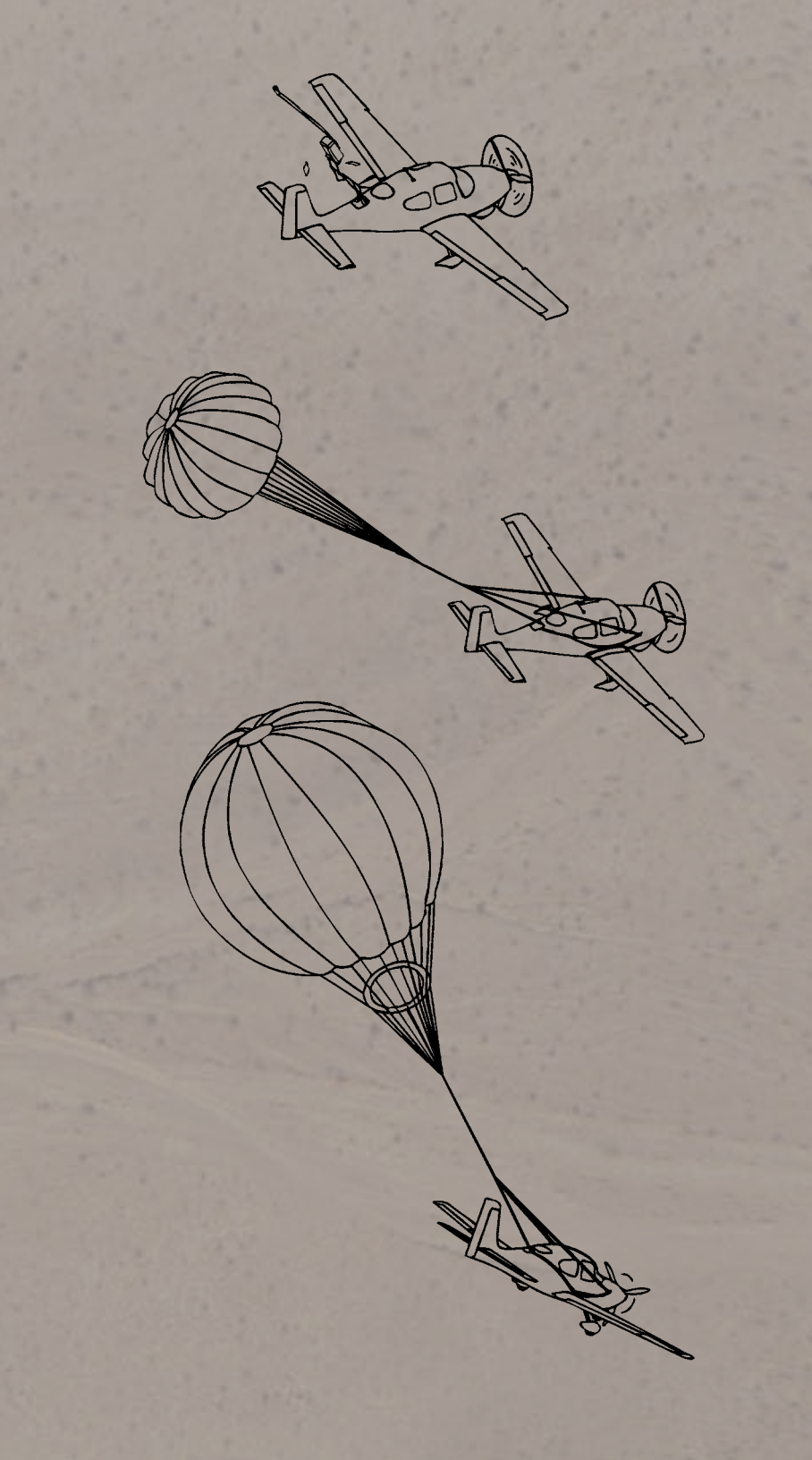
More information about these unique ownership programs is available online at cirrusdesign.com/ownershipprograms.

¹Available in U.S. only

²Available in U.S. and limited availability in Europe & Australia

³Available in U.S. and Canada

⁴Available worldwide



SAFETY BY DESIGN

Nothing is more important than your safety. That's why we've dedicated ourselves to designing an aircraft from the ground up to be as safe as the very latest technology allows.

“THE PLANE WITH THE CHUTE”

When activated, the Cirrus Airframe Parachute System (CAPS™) launches a 55-foot (17 m) diameter parachute that lowers the airplane to the ground. The security and the peace-of-mind provided by CAPS is unequalled in terms of safety, just as airbags are in cars.

ALWAYS ON THE ALERT

Equipment like SKYWATCH™ alerts you to the other transponder-equipped aircraft in your area, and Terrain Awareness System keeps you aware of terrain and obstacles on the ground. Enhanced Ground Proximity Warning System by Honeywell (TAWS-B) – with its visual warning and an additional audible warning – is also available as an optional feature.

WEATHER ALERTS

Real-time XM Weather (available only in the U.S.) allows you to easily avoid extreme weather conditions.

RECOGNITION LIGHTS

New leading-edge wingtip recognition lights – standard on the SR20-GTS – enhance safety day and night.

OTHER INNOVATIONS TO HELP KEEP YOU SAFE

Cirrus has become known as the industry's safety leader through such standard features as our innovative cuffed wing design, energy-absorbing seats, airframe roll cage, four-point safety harnesses, airbag seatbelts, and our beveled firewall ... to name just a few. And in partnership with Jeppesen, we're the first manufacturer in the industry to offer innovative, web-based transition training to promote safe flying through lifelong learning.

While Cirrus has added numerous safety features to the SR20, safe operation of an airplane requires careful flight planning and proper pilot decision making. Always fly with a Safety-First plan.

SMART PILOTS EXPECT THE UNEXPECTED