



CIRRUS
AIRCRAFT

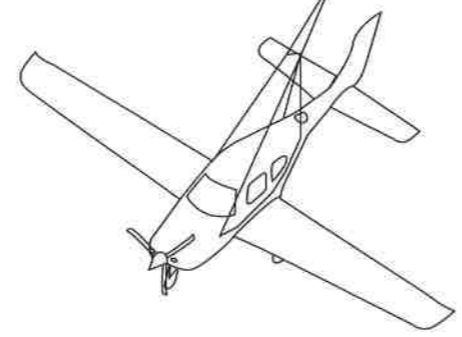
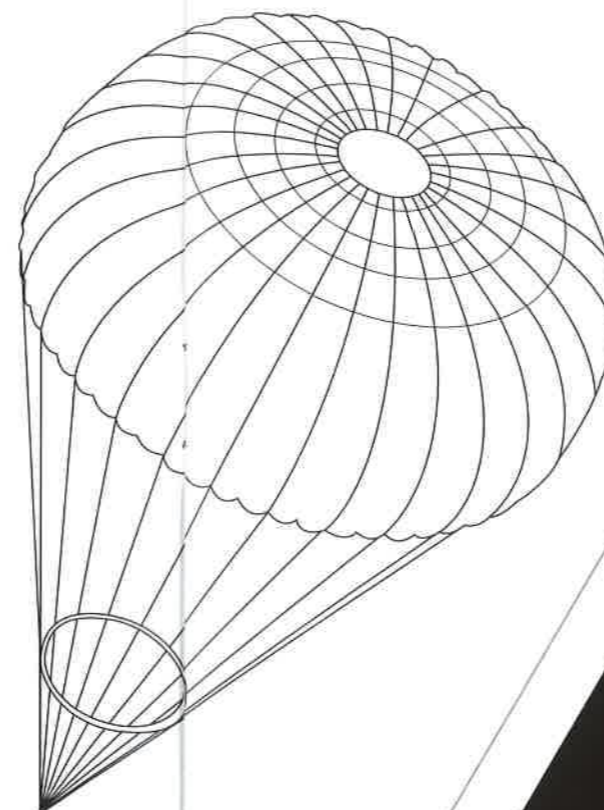


CIRRUS PERCEPTION

SPECIAL MISSION AIRCRAFT



CIRRUS PERCEPTION



Cirrus Airframe Parachute System™

- AERIAL SURVEYS
- AERIAL PHOTOGRAPHY
- AIR SAMPLING
- ALL-WEATHER TRANSPORT
- DISASTER SUPPORT
- TRAFFIC ENFORCEMENT & STUDIES
- VIP OR PRISONER TRANSPORT
- DRUG INTERDICTION
- GEO THERMIC SURVEYS
- COMPANION TRAINER
- PIPELINE PATROL

MOORE'S LAW

Moore's law states that advances in technology happen at an exponential rate. These same principles apply to airborne sensors. With an array of missions, sensor systems are becoming ever more capable while at the same time are lighter, more compact, and more affordable than ever. Special mission customers no longer need a large multi-million dollar turbine-powered platform to carry heavy, antiquated technology. With modern, lightweight sensor payloads, Cirrus recognized that the SR22 and SR22T are the ideal platforms to integrate with modern systems to create a special mission aircraft that has no rival in terms of cost, systems integration, mission adaptability and flexibility.

CAPABILITY THROUGH SAFETY

With the introduction of the "PERCEPTION" Special Mission Platform, Cirrus is preparing to provide our customers with the most technologically advanced special mission aircraft in its class. In addition to an array of special mission capabilities, the CIRRUS PERCEPTION will continue to offer all the other benefits available in the SR22 and SR22T. These include: the Cirrus Airframe Parachute System™ (CAPS™), Cirrus Perspective™ by Garmin® avionics suite, air conditioning, 210+ knot cruise speeds, Flight Into Known Icing (FIKI) capability, and a useful load in excess of 1300 pounds, along with the widest most comfortable cabin in its class.

SAFETY HAS BEEN IN THE FORETHOUGHT OF EVERYTHING WE'VE EVER DONE AT CIRRUS. AS THE "PLANE WITH THE PARACHUTE," WE'RE FAMOUS FOR IT.

The NASA airfoil used on all Cirrus aircraft was designed specifically to prevent the base-to-final stall/spin accident. This wing design also allows Cirrus aircraft to meet the stringent FAA Part 23 certification standards. Additional benefits from this design are superior stability and safety during maneuvering flight, especially low-level ground reference maneuvers.



Icing Forecast



Icing Potential



System Monitoring

Cirrus is unique in general aviation for offering technology such as digital "smart" servos in the autopilot, ESP, hypoxia check, automatic descent mode and autopilot with underspeed protection and stall prevention. With our Cirrus Perspective by Garmin avionics suite we go further with multi-layered prevention incorporating both passive features that are nearly transparent during the flight and active features that reduce pilot workload.

FLEXIBILITY + VERSATILITY



CIRRUS PERCEPTION

MISSION SOLUTIONS

The Cirrus PERCEPTION starts with the most sophisticated single engine aircraft in the world and provides customers a platform to integrate flexible and affordable sensor options. The PERCEPTION provides special mission customers with the ability to specifically tailor their new SR22 or SR22T aircraft and incorporate the equipment they need to accomplish the mission. A PERCEPTION equipped Generation 5 Cirrus SR22 or SR22T is a force multiplier. It is a multi-mission aircraft that provides affordable solutions for an array of missions. The sensor mounting system is removable, reconfigurable, and can carry an array of different vendor provided sensors. In today's challenging budget environment, the Cirrus Special Mission Platform allows one plane to service multiple missions.

SENSOR AND MISSION FLEXIBILITY

To meet customer mission requirements, Cirrus has partnered with recognized experts in the special mission industry. Working closely with our partners, the PERCEPTION will offer an array of sensor and user station options. These include the Cloud Cap Technology TASE 400/500 line of EO/IR sensors from UTC Aerospace and the FLIR Systems Star SAFIRE 380 HDC EO/IR system. Additionally, Cirrus has partnered with one of the industry's premiere sensor integrators, Integrated Surveillance and Defense Inc. (ISD). With ISD and other preferred sensor integrators, our customers will enjoy the best integration services available and will be able to choose from a wide selection of user stations and mission specific equipment options.



CUSTOMIZED USER STATIONS



SOPHISTICATED AVIONICS SUITE
CIRRUS PERSPECTIVE™ BY GARMIN®



STANDARD DEFINITION IMAGES INTEGRATED DIRECTLY INTO THE AVIONICS.
HIGH DEFINITION DISPLAYS ARE ALSO AVAILABLE.

- LAW ENFORCEMENT MISSIONS
- HYDROCARBON LEAK DETECTION
- SEARCH AND RESCUE (SAR)
- AERIAL MAPPING & SURVEYS
- DISASTER MANAGEMENT
- BROADCAST TELEVISION
- DRUG INTERDICTION
- BORDER SECURITY
- PIPELINE PATROL
- DOT TRANSPORT
- WILDLIFE PATROL
- FIRE FIGHTING



MISSION SOLUTIONS

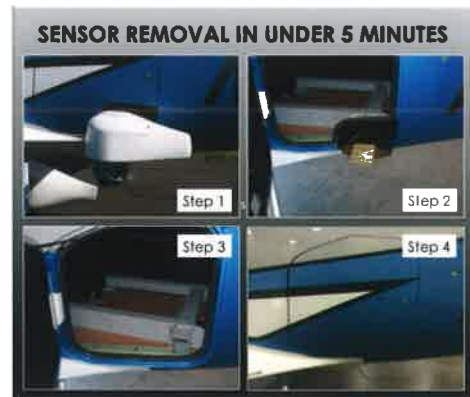
CIRRUS PERCEPTION

HIGH PERFORMANCE - LOW COST

Pound for pound the SR22 is the most affordable, capable, high performance Special Mission Platform in its class. The PERCEPTION is a "Total Solution" and offers superior capability at a price point that special mission and law enforcement customers can afford.

ONE PLANE - MULTIPLE MISSIONS

The PERCEPTION starts with the Cirrus SR22 or SR22T equipped with the Cirrus Perspective by Garmin avionics suite. With the addition of Cirrus' proprietary Sensor Mounting System (SMS), a Cirrus aircraft becomes a PERCEPTION. The PERCEPTION can incorporate a wide array of sensor types. The system is modular, removable, transferable and reconfigurable. The special mission aircraft is designed to provide solutions for multiple different missions. The Cirrus PERCEPTION will be FAA certified and the certification for the SMS will be included under the aircraft's type certificate. If the system is within prescribed weight and frontal area specifications, it can bolt right on. Additionally, sensors can be removed and flown in a standard configuration.



PRODUCTION POSITIONS AVAILABLE NOW

The PERCEPTION is tentatively scheduled to achieve FAA certification in Q2 2015. Limited initial production positions are available now. If you have specific questions about the Cirrus PERCEPTION, please contact special mission sales to discuss your needs.

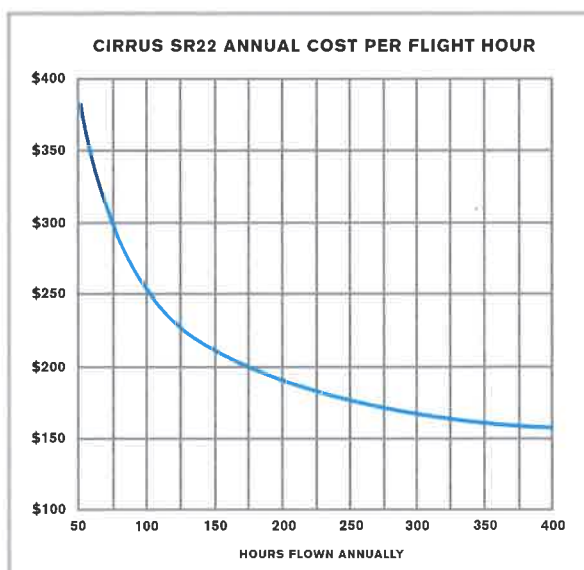
CIRRUS PERCEPTION

The PERCEPTION is tentatively scheduled to achieve FAA certification in Q2 2015. Limited initial production positions are available now. If you have specific needs, questions, or would like more information please contact the Cirrus Special Mission experts directly to discuss your requirements. Bottom line: The new Cirrus Perception is pound-for-pound the most affordable, capable, high performance special mission platform on the market. The PERCEPTION is a "Total Solution" and offers superior capability at a price point that special mission and law enforcement customers can afford.

CIRRUS SR22 AIRCRAFT

CIRRUS SR22 AIRCRAFT			
PERFORMANCE	Takeoff	1,028 ft	313 m
	Takeoff Over 50 ft Obstacle	1,594 ft	486 m
	Climb Rate	1,400 ft/min	7.1 m/min
	Max Operating Altitude	17,500 ft	5,334 m
	Stall Speed with Flaps	60 KCAS	60 KCAS
	Max Cruise Speed	185 KTAS	185 KTAS
	Landing Groundroll	1141 ft	348 m
ENGINE	Manufacturer	Continental	
	Model	IO-550-N	
	Horsepower	310	
DIMENSIONS	Wingspan	38 ft 4 in	11.68 m
	Length	26 ft	7.92 m
	Height	8 ft 11 in	2.7 m
	Cabin Width	49 in	124 cm
	Cabin Height	50 in	127 cm
		US STANDARD	METRIC

CIRRUS SR22 ANNUAL COST PER FLIGHT HOUR



CONTACT US TODAY FOR MORE INFORMATION

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