

Sierra Industries Ltd. offers the most exciting products
on the market today for your Citation.



SIERRA
Stallion

STUNNING PERFORMANCE FROM A PROVEN DESIGN

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SIERRA Stallion

EXPANDING THE CITATION'S PERFORMANCE BY DESIGN

In today's world, a business aircraft has to provide its owners greater capabilities and reliability at the lowest possible acquisition and operation costs. The Sierra Stallion climbs faster and higher than its predecessor to get you up and over the intervening weather – all while burning significantly less fuel.

From take-off to touch-down, the Sierra Stallion is an extremely easy-to-fly aircraft that delivers exceptional, all-around performance and value.



"...the sprightliness of the aircraft adds to a feel of power that is hard to deny...the Eagle II jumps into the air very quickly, accelerating in the climb..."

– Aviation International News

WILLIAMS INTERNATIONAL. THE POWER BEHIND THE SIERRA Stallion.

At the heart of Sierra's Stallion exceptional performance is the Williams International FJ44-2A fanjet engine. Featuring the company's third generation wide sweep fan technology combined with the most advanced computer-aided design and performance modeling, the engine delivers the power and reliability that is comparable to much larger, heavier, and more expensive engines.

To help minimize the ongoing cost of ownership, the FJ44-2A engine has also been designed to minimize routine maintenance expenses by incorporating a number of unique features that facilitate inspections, as well as component access and repair procedures.

The power, reliability, and cost-effectiveness of the Williams International FJ44-2A is the driving force behind an exciting step in the evolution of the Stallion. The state-of-the-art engines, create an aircraft that delivers performance and value that equals, and often surpasses, even the newest business aircraft.



HEAD-TO-HEAD

	Citation I	Sierra Eagle II	Sierra Stallion
Max Take-Off Weight	11,850 lbs	12,500 lbs	12,500 lbs
Max Zero Fuel Weight	8,400 lbs	9,500 lbs	8,400 lbs
Max Usable Fuel @6.7lbs/gal	3,780 lbs	4,510 lbs	3,780 lbs
Max Cruise Speed (at average weight)	335 ktas	375 ktas	390 ktas
Ceiling	41,000 ft	43,000 ft	43,000 ft
Climb Performance (Two Engines)	2,600 fpm	4,500 fpm	4,500 fpm
Climb Performance (One Engine)	789 fpm	1,500 fpm	1,500 fpm
Range	1,150 nm	1,750 nm	1,400 nm

If you are currently operating or considering a Citation 500/501SP, you owe it to yourself to take a look at the performance and value advantages offered by the Sierra Stallion package. It's the most cost-effective way to take a popular, proven, pilot-friendly aircraft and propel it well into the future.



SIERRA Stallion

In creating the Sierra Stallion, Sierra Industries, Ltd. has drawn on the knowledge and experience that come with being the world's foremost provider of aftermarket performance and convenience enhancements for the Cessna Citation series of business jets.

From Sierra's exclusive enhancement products for the Citation to the popular and proven Eagle and Longwing modifications, Sierra Industries offers more than 100 different products that make a great airplane even better – on the ground and in the air.



Mark Huffstutler
Owner, Sierra Industries

SIERRA Stallion



"Sierra is also working on a Williams-powered version of the Citation II – called the Super SII"
– Aviation International News



Whether it's a complete upgrade to the Sierra Stallion package or a simple interior re-configuration, our commitment to innovation, quality, integrity and service means that you can rely on Sierra's skilled professionals to deliver the performance and value you are looking for.

Sierra Industries is a leader in providing rotatable parts, as well as more specialized maintenance equipment for Citation repair shops and facilities around the world. Aside from providing full repair and inspection services for Cessna Citations, our Uvalde, Texas based FAA approved Repair Station (S16R285) is also EASA approved and offers maintenance services for a variety of Cessna, Piper and Raytheon/Beech aircraft.

Sierra Stallion

The Sierra Stallion is the latest generation of enhancements to the popular Citation 500/501SP family. And from a quality, performance, reliability, and value standpoint, it is a winner in every way. In fact, the Sierra Stallion improves on the overall performance of its predecessor, the JT15D-powered Citation, in all categories.

A QUANTUM LEAP IN THE EVOLUTION OF CITATION PERFORMANCE.

From the moment the Wright brothers landed, the aviation industry has been built on an unbroken string of design and performance improvements. Such is the lineage of the Sierra Stallion and other product offerings from Sierra Industries.



With the state-of-the-art power and economy of the Williams International FJ44-2A fanjet engines, we have literally created a whole new class of light business jet. One that continues the Citation's proven, pilot-friendly flying qualities, while delivering a level of performance that was previously available only on aircraft costing millions more.

PERFORMANCE

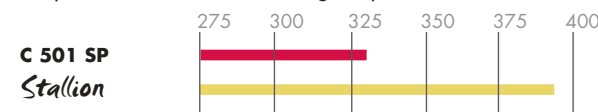
- Delivers 32 percent more take-off thrust at the point of rotation.
- Will climb direct to FL 430 in less than 25 minutes. The JT15D Citation requires a step-climb taking more than 1 hour and 20 minutes to FL 410
- Boasts a max cruise that is more than 40 knots faster than the stock Citation 500/501SP. Economy cruise is 35 knots faster.
- Will travel more than 1,400 nautical miles at economy cruise.
- Sips fuel. Consumption is reduced by up to 25 percent.
- Higher Service Ceiling – 43,000 feet

These impressive numbers are just the beginning. The list of performance improvements the Sierra Stallion delivers to you in the air and to the bottom line are seemingly endless.

In fact, compared to other powered aircraft in this class, the Sierra Stallion out performs these aircraft in almost all categories at a fraction of the acquisition cost.

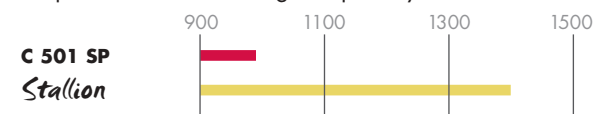
MAXIMUM SPEED - KTAS

Projected Maximum Level Flight Speed



MAXIMUM RANGE - NM

Projected Maximum Range Capability



	Cessna Mustang	CJ1+	CJ2+	Premier	Sierra Stallion
SALES PRICE	\$2,600,000	\$4,241,000 <small>Cessna's suggested retail price with typically selected complement of options.</small>	\$5,750,000 <small>Cessna's suggested retail price with typically selected complement of options.</small>	\$6,057,000 <small>This price was published by Raytheon as a typically equipped aircraft.</small>	\$2,450,000 <small>Low airframe time with modification, Price reduction based on time remaining on the JT15-D1A engines removed from the aircraft.</small>
CRUISE SPEED					
Maximum Cruise	340 ktas	380 ktas	410 ktas	451 ktas	390 ktas
Long Range Cruise	298 ktas	301 ktas	372 ktas*	368 ktas	375 ktas
CLIMB PERFORMANCE					
Climb Performance – Single Engine		850 fpm	1,123 fpm	948 fpm	1,500 fpm
Climb Performance – Two Engine	3,000 fpm	3,230 fpm	3,970 fpm	3,700 fpm	4,500 fpm
Climb Performance to Max Certified Altitude	23 min. to FL 370 at 8,600 lbs	58 min. to FL 410 at 10,600 lbs	36 min. to FL 450 at 12,375 lbs	23 min. to FL 410 at 12,500 lbs	less than 25 min. to FL 430 at 11,850 lbs
RANGE	1,300 nm	1,475 nm w/45-minute reserve	1,738 nm with 3 passengers and crew of one w/45-minute hold	1,315 nm with 3 passengers and crew of one w/45-minute reserve	1,400 nm with 4 passengers and crew of one w/45-minute reserve 1,250 payload, 3,780 lb useable fuel
RUNWAY LENGTH					
Standard	Take-off 3,120 ft at 8,600 lbs Landing 2,610 ft	Take-off 3,280 ft at 10,600 lbs Landing 2,780 ft at 9,800 lbs	Take-off 3,420 ft at 12,375 lbs Landing 2,720 ft at 10,000 lbs	Take-off 3,792 ft at 12,500 lbs Landing 3,170 ft at 11,600 lbs	Take-off 2,580 ft at 12,500 lbs* Landing 2,600 ft at 10,000 lbs*
5,000 ft @ 77 degrees F		Take-off 5,210 ft at 10,000 lbs	Take-off 5,080 ft at 12,375 lbs	Take-off 7,875 ft at 10,600 lbs*	Take-off 5,134 ft at 12,500 lbs*
WEIGHTS					
Maximum Ramp Weight		10,700 lbs	12,500 lbs	12,590 lbs	12,500 lbs
Maximum Takeoff Weight	8,600 lbs	10,600 lbs	12,375 lbs	12,500 lbs	11,850 lbs
Maximum Landing Weight		9,800 lbs	11,500 lbs	11,600 lbs	11,850 lbs
Maximum Zero Fuel Weight		8,400 lbs	9,300 lbs	10,000 lbs	8,400 lbs
Maximum Fuel Capacity (usable)		3,220 lbs	3,932 lbs	3,611 lbs	3,780 lbs
Maximum Fuel Payload	600 lbs	630 lbs	888 lbs	800 lbs	1670 lbs

* estimated

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