



STUNNING PERFORMANCE FROM A PROVEN DESIGN

GARRETT F44 Eagle II

AIRFRAMES

AVIONICS

ENGINES

INTERIORS

PAINT

By combining the best engine specialists in the business with the best engine upgrade for your Citation, you can attain superior aircraft performance at a fraction of the cost of a new aircraft.

From the popular Eagle II and Longwing modifications, to exclusive products including RVSM solutions to your Citation, the people of Garrett Aviation offer services and capabilities that make a great airplane even better—on the ground and in the air.

GARRETT



FJ44 Eagle II



Whether it's a complete upgrade to the Garrett FJ44 Eagle II package or a simple interior modification, our commitment to innovations, quality, integrity, and service is unmatched. When you go with the people of Garrett, you'll receive the performance and value you're looking for.

With this upgrade already being done at the Houston and Augusta facilities, we can meet your needs at a location that's convenient for you. And because of our extensive network, you will never be far from a Garrett engine expert ready to install and service the Garrett FJ44 Eagle II. Our Regional Sales Managers specialize in scheduling a slot for your retrofit that will allow for other needed work to be done on your aircraft at the same time. You can utilize our convenience, service, and skill to attain greater range, climb, and speed.



Garrett FJ44 Eagle II

The Garrett FJ44 Eagle II is the second 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 Garrett FJ44 Eagle II improves on the overall performance of its predecessor, the JT15D-powered Citation, in all categories.

PERFORMANCE

- Delivers 32 percent more takeoff thrust at the point of rotation.
- Will climb direct to FL 430 in less than 30 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 50 knots faster than the stock Citation 500/501SP. Economy cruise is 30 knots faster.
- Will travel more than 2,000 nautical miles at economy cruise.
- Sips fuel. Consumption is reduced by up to 40 percent.

These impressive numbers are just the beginning. The list of performance improvements the Garrett FJ44 Eagle II delivers to you in the air and on the bottom line are seemingly endless.

In fact, compared to other powered aircraft, the Garrett FJ44 Eagle II out performs these aircraft in almost all categories at only a fraction of the acquisition cost.



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 Garrett FJ44 Eagle II and other product offerings from Garrett Aviation Services.

By combining the performance enhancements of our proven Eagle wing modification 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.

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	CJ1	CJ2	Premier	Garrett FJ44 Eagle II
Sales Price	\$4,000,000 <small>Cessna's suggested retail price with typically selected complement of options.</small>	\$4,900,000 <small>Cessna's suggested retail price with typically selected complement of options.</small>	\$5,258,015 <small>This price was published by Raytheon as a typically equipped aircraft.</small>	\$2,950,000 <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	380 ktas	410 ktas	451 ktas	400 ktas
Long Range Cruise	301 ktas	372 ktas*	368 ktas	355 ktas
Climb Performance				
Climb Performance—Single Engine	850 fpm	1,123 fpm	948 fpm	1,200 fpm
Climb Performance—Two Engines	3,230 fpm	3,970 fpm	3,700 fpm	4,000 fpm
Climb Performance to Max Certified Altitude	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	25 min. to FL 430 at 12,500 lbs
Range	1,475 nm w/45-minute reserve	1,738 nm with 3 passengers and a crew of one w/45-minute hold	1,315 nm with 3 passengers and a crew of one w/45-minute reserve	2,000 nm w/45-minute reserve, 1,250 payload, 4,500 lb useable fuel
Runway Length				
Standard	Takeoff 3,280 ft at 10,600 lbs Landing 2,780 ft at 9,800 lbs	Takeoff 3,420 ft at 12,375 lbs Landing 2,720 ft at 10,000 lbs	Takeoff 3,792 ft at 12,500 lbs Landing 3,170 ft at 11,600 lbs	Takeoff 2,642 ft at 12,500 lbs* Landing 2,600 ft at 10,000 lbs*
5,000 ft @ 77 degrees F	Takeoff 5,210 ft at 10,000 lbs	Takeoff 5,080 ft at 12,375 lbs	Takeoff 7,875 ft at 10,600 lbs*	Takeoff 4,392 ft at 12,500 lbs*
Weights				
Maximum Ramp Weight	10,700 lbs	12,500 lbs	12,590 lbs	12,650 lbs
Maximum Takeoff Weight	10,600 lbs	12,375 lbs	12,500 lbs	12,500 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	9,500 lbs
Maximum Fuel Capacity (usable)	3,220 lbs	3,932 lbs	3,611 lbs	4,510 lbs
Maximum Fuel Payload	630 lbs	888 lbs	800 lbs	940 lbs

*estimated

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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 Garrett FJ44 Eagle II's wing modification enables the aircraft to safely operate at significantly reduced rotation, approach, and touch-down speeds. On the other end of the performance scale, the Garrett FJ44 Eagle II 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 Garrett FJ44 Eagle II is an extremely easy-to-fly aircraft that delivers exceptional, all-around performance and value.



WILLIAMS INTERNATIONAL. THE POWER BEHIND THE GARRETT FJ44 EAGLE II.

At the heart of the Garrett FJ44 Eagle II's 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 Garrett 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 proven Eagle series. The state-of-the-art engines combined with Garrett's advanced wing modification, creates an aircraft that delivers performance and value that equals, and often surpasses, even the newest business aircraft.

HEAD-TO-HEAD

	Citation I	Garrett FJ44 Eagle II
Max Takeoff Weight	11,850 lbs	12,500 lbs
Max Zero Fuel Weight	8,400 lbs	9,500 lbs
Max Usable Fuel @ 6.7 lbs/gal	3,780 lbs	4,510 lbs
Max Cruise Speed (at average weight)	310 ktas	400 ktas
Ceiling	41,000 ft	43,000 ft
Climb Performance (Two Engines)	2,600 fpm	4,000 fpm
Climb Performance (One Engine)	789 fpm	1,200 fpm
Range	1,150 nm	2,000 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 Garrett FJ44 Eagle II package. It's the most cost-effective way to take a popular, proven, pilot-friendly aircraft and propel it well into the future.

GARRETT FJ44Eagle II





Garrett Aviation Services offers the most exciting
and cost-effective solution for your Citation 500/501SP.



WHO'S WORKING ON **YOUR** AIRCRAFT?™

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