



Cessna

A Textron Company

Citation | CJ1+



A new, better way to be your best.

The new Citation CJ1+.



Now there's a business jet that delivers significantly better performance, increased fuel efficiency, more advanced avionics, Full Authority Digital Engine Controls (FADEC), a newly styled interior and a lot more – including a price that makes it an even better value than the aircraft it replaces. It's called the Citation CJ1+.

It's customary for new airplanes to be touted as having been created from a "clean sheet of paper." In the case of the CJ1+, however, the aircraft emerges from the real world, and is based on the experiences of hundreds of CJ operators across more than a million flight hours. If practice really does make perfect, then the CJ1+ has earned the pole position in the quest for the flawless aircraft.

The CJ series made business jet operation viable for a whole new generation of aviators. It helped forward-thinking operators realize that the time had come to move up from their technologically

archaic turboprops. They just needed a business jet they could ease into. They wanted something that was simple to fly and priced to buy. An aircraft they knew they could count on absolutely. In other words, they were looking for a Sure Thing.®

That's always good news at Cessna. CJs were so right for so many reasons, they immediately became best-sellers. Now, we've taken everything that was so right and made it so much better. And by making the most popular options standard, we have brought the new aircraft in at a price that makes it an even greater value.

Good news for smart aviators.

CJ1+ Heritage



More speed, range and climb on less fuel.

CJs have always outperformed turboprops while being less complicated to fly. That's why they're certified for single-pilot operation. And now that FADEC is standard on the CJ1+, pilot workload is reduced and operation becomes easier yet. The CJ1+ simply takes performance and ease of operation to a whole new level.

The CJ1+ is driven by a pair of Williams FJ44-1AP engines that develop even more thrust than the revolutionary CJ1 powerplants. But powerful new engines are only part of the performance story. By redesigning the nacelles and pylons and adding a fairing over the main gear wheel, Cessna engineers transformed a significant amount of drag into smooth, streamlined air-flow surface.

The combination of more power and less drag delivers a number of dividends to the *Plus* operator, including a maximum takeoff weight

increase of 100 pounds. It also means the aircraft can now climb directly to 41,000 feet in 27 minutes – a major improvement from the 58-minute step climb of the earlier CJ1. Cruise speed at 41,000 feet has been boosted by more than 20 knots. And max cruise is now 389 knots (448 mph). Efficiency has been elevated as well, enabling the *Plus* to fly faster and farther on less fuel. And even at maximum takeoff weight, the CJ1+ can use runways as short as 3,250 feet and range as far as 1,300 nautical miles.



An inside spread you can bet on.

The engineers and designers who created the CJ1+ cabin are true masters of space and light. New styling and embellished features enhance what was already the category's most exquisite and finely crafted interior. The headliner is new. Cabinetry is new. So are the window shades. And new LED indirect lighting bathes the cabin in a way that gives every view the quality of a fine photograph.

The surprisingly roomy cabin is made even more so by the recessed full-length aisle. Expanded seated headroom is captured by ergonomic reclining seats that can be tracked fore and aft as well as inboard toward the aisle for extra elbow and shoulder room.

An entertainment center can be located within easy reach. And convenient foldaway writing tables tuck neatly into the sidewalls when you're ready to put the work away, stretch out and relax with the help of the new refreshment center, which is now standard.

For the more productive, a fully integrated cabin information system is available. It provides streaming, real-time data such as moving maps and digital video. The CJ1+ cabin is among the finest environments in the air. And with help from special acoustic-blanket soundproofing that reduces the inherently lower engine soundprint even further, it's also one of the quietest.



Refreshment Center

A new deluxe refreshment center is now standard on the CJ1+ with room for snacks, beverages and other trip necessities.



Cockpit Headliner

A sleek new, easy-to-clean, one-piece headliner comes complete with integrated auxiliary lighting, cabin ventilation and an AirCell® telephone option.



Side-facing Seat

A comfortable, side-facing passenger seat sits just across the aisle from the entry door within easy reach of the refreshment center.



Passenger Seating

Sleek and comfortable, these newly styled reclining seats track into the aisle and away from the sidewalls for added comfort and headroom.



Indirect Lighting

New cabin styling includes a smooth overhead for easy maintenance and cool-burning LED indirect lighting for a relaxing ambiance.

In-flight Productivity

A standard 110-volt power supply and available fax/data port facilitates the use of laptop computers or other productivity tools as you cruise.

Aft Lavatory

The aft lavatory compartment features a thickly padded and belted seat and an armrest cabinet for extra storage room.

The CJ1+ nose and tailcone baggage storage areas allow you to carry up to 725 pounds of cargo and equipment in the 45 cubic feet of external compartments, keeping luggage from cluttering the cabin.



Both standard and optional equipment shown. **External Baggage**



A cockpit fully decked out for flight.

Both standard and optional equipment shown. | CJ1+ Situational Awareness



Primary Flight Display – PFD



Multi-Function Display – MFD



Collins FMS-3000 – advanced flight planning, multisensor navigation and flight management



Electronic Charts – approach, departure and arrival procedures, airport diagrams with aircraft position plotted, chart NOTAMS



Broadcast Graphical Weather – ground-based weather data ahead of the flight route

The Pro Line 21 integrated flight deck.

Knowledgeable pilots throughout the world have a special fondness for Collins Pro Line 21 avionics. Pro Line 21 was our choice for the original CJ1. And when we set out to make a new, upgraded version of that best-selling aircraft, we listened carefully to what CJ pilots thought about their flight decks. After all was said and done, it came down to something as simple as this: We love our Pro Line 21 avionics. Give us more of a good thing, and make it all work in even closer harmony.

The message could not have been more clear. Operators asked for a fully integrated Pro Line 21 avionics suite. And that's what's waiting for them on the flight deck of the new CJ1+.

All primary flight, navigation, engine and sensor data is consolidated in large, easy-to-scan active matrix LCDs for information management and intuitive, at-a-glance situational awareness. The result is a flight deck that contributes to operational safety and reduces pilot workload.

Two 8 x 10-inch Primary Flight Displays (PFDs) team with a Multi-Function Display (MFD), Collins FMS-3000 Flight Management System (FMS) and Pro Line 21 CNS radios. The standard equipment list also includes SKYWATCH HP (TCAS I), LandMark TAWS Class B, satellite broadcast graphical weather, maintenance diagnostics, a pilot's electronic checklist and more. Optional capabilities include electronic charts and approach plates, provisions for future weather and data uplinks, plus other emerging graphical-interface technologies.



At Cessna, we take care of our own.

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One of the most valuable features of the CJ1+ is not on the aircraft. Well before the first Citation ever rolled off the line, we had already built Service Centers to support the fleet. Today, the present and future needs of Citation operators are being taken care of by Cessna-owned Citation Service Centers and Authorized Citation Service Facilities across the globe.

The industry's largest, most comprehensive, dedicated worldwide network has nearly doubled its capacity in recent years. Most locations offer 24-hour, seven-day-a-week support across a broad spectrum of services. So it's no surprise that the global system that supports Cessna operators is ranked at the top by the aviation community.

The CJ1+ carries an extensive warranty, including a full five years on airframe components and avionics. In addition, you can

budget accurately with no surprises when you sign up for Cessna's ProParts, PowerAdvantage and ProNav programs. And with the Cessna Contract Fuel Card, you can save from 20 to 30 percent on jet fuel purchases. As part of our commitment to being your Sure Thing,[®] Cessna has allocated more than \$1 billion in people, training, parts and facilities to provide Citation operators with unparalleled service around the world.



At 389 knots (448 mph), the CJ1+ cruises as much as 150 mph faster than the turboprop it typically replaces. In just 27 minutes, powerful new engines propel it directly to 41,000 feet – far above most weather and nearly two miles higher than the old-technology turboprop will ever go. Up front, the *Plus* is equipped with some of the world’s most desirable avionics, now fully integrated into one seamless, intuitive flight deck. And the new FADEC systems simplify aircraft operation and reduce pilot workload.

In the cabin, new styling and indirect LED lighting transform the roomy interior into a productive command center or personal sanctum. Seen one way, the CJ1+ is the ultimate – the culmination of everything a business jet of this caliber should be. The utmost in performance, comfort and technological advancement at a price that makes it an even greater value than its forerunner. Seen from another perspective, however, the CJ1+ is just the beginning. It’s the commencement

of a long continuum of Citation business jets, each representing a natural and carefully nurtured step on a lifelong path.

Fact is, the CJ1+ is both of these things and more. It will take you where you want to go today. And once there, it will be your head start to the next level. As your business grows and your missions change, Cessna will be right there with you. We’ll be your Sure Thing helping you seize new opportunities every exhilarating step along the way.

Answer every challenge with a genuine *Sure Thing*®.

Citation CJ1+ Specifications

Maximum Cruise Speed

389 ktas (720 km/hr), 31,000 ft (9,449 m), mid-cruise weight

NBAA IFR Range (100 nm alternate)

1,300 nautical miles (2,408 km) (full fuel, maximum takeoff weight)

Airport Performance (dry, level, hard-surfaced runway with zero wind)

Takeoff distance (SL, ISA, MTOW) 3,250 ft (991 m)

Landing distance (SL, ISA, MLW) 2,590 ft (789 m)

Ceiling

Maximum certified 41,000 ft (12,497 m)

Single engine 21,200 ft (6,462 m)

Rates of Climb

All engines 3,290 ft/min (1,003 m/min)

Single engine 906 ft/min (276 m/min)

Airspeed Limits

VMO from sea level to

30,500 ft (9,296 m) 263 kias (487 km/hr)

MMO at 30,500 ft (9,296 m) and above M 0.71 (indicated)

Stall Speed

MLW, landing configuration 83 kcas (154 km/hr)

Pressurization

Nominal pressure differential 8.5 psi (59 kPa)

Outside Dimensions

Overall length 42 ft 7 in (12.98 m)

Overall height 13 ft 9 in (4.19 m)

Overall width 46 ft 11 in (14.30 m)

Cabin Dimensions (with typical interior installed)

Length (excluding cockpit) 132 in (3.35 m)

Height 57 in (1.45 m)

Width 58 in (1.47 m)

Engines

Two Williams International FJ44-1AP

Takeoff thrust 1,965 lb (8.74 kN)

Bypass ratio 2.58:1

Design Weights and Capacities

Maximum ramp weight 10,800 lb (4,899 kg)

Maximum takeoff weight 10,700 lb (4,853 kg)

Maximum landing weight 9,900 lb (4,491 kg)

Maximum zero fuel weight 8,400 lb (3,810 kg)

Maximum fuel capacity (6.7 lb/gal) 3,220 lb (1,461 kg)

Typical empty weight* 6,820 lb (3,093 kg)

One pilot plus furnishings 200 lb (91 kg)

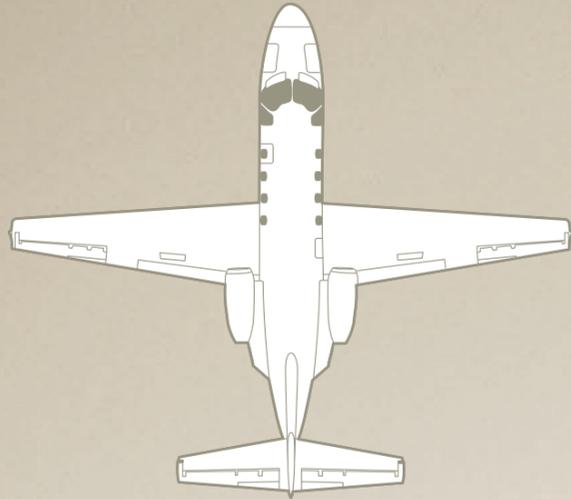
Typical basic operating weight (BOW) 7,020 lb (3,184 kg)

Useful load** 3,780 lb (1,715 kg)

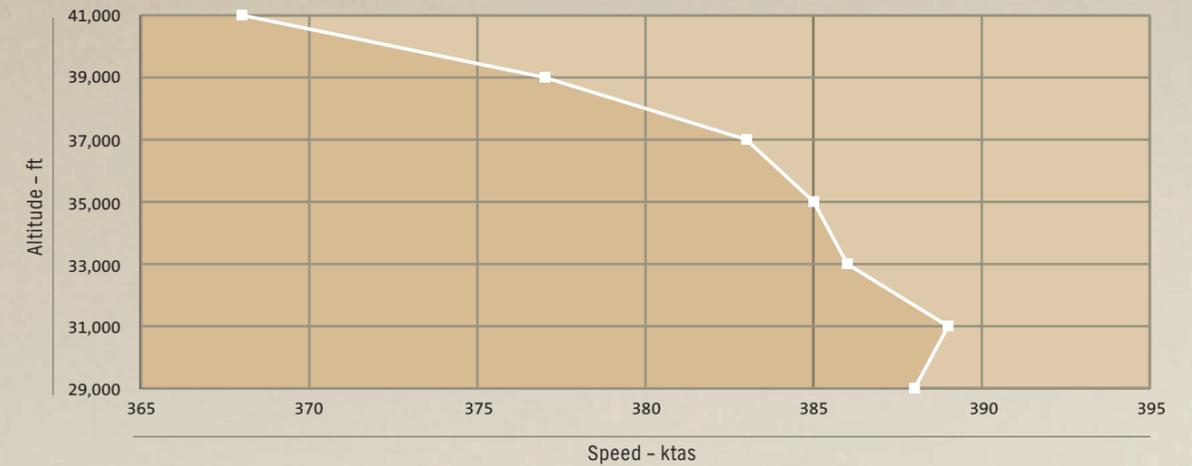
Payload with full fuel 560 lb (254 kg)

*Reflects standard aircraft with typical options, typical interior and unusable fuel and oil.

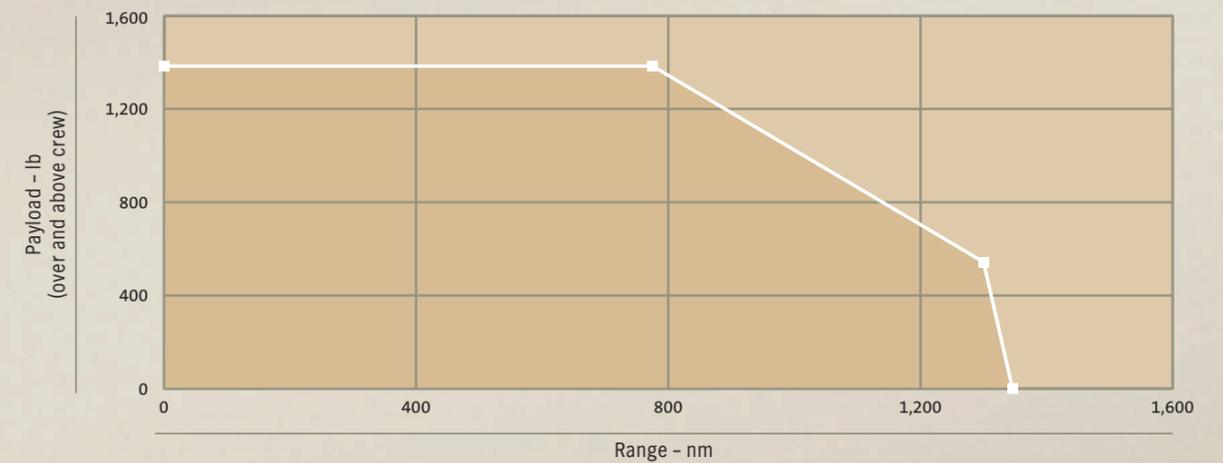
**Amount of payload and fuel that can be carried, over and above crew (based on ramp weight).



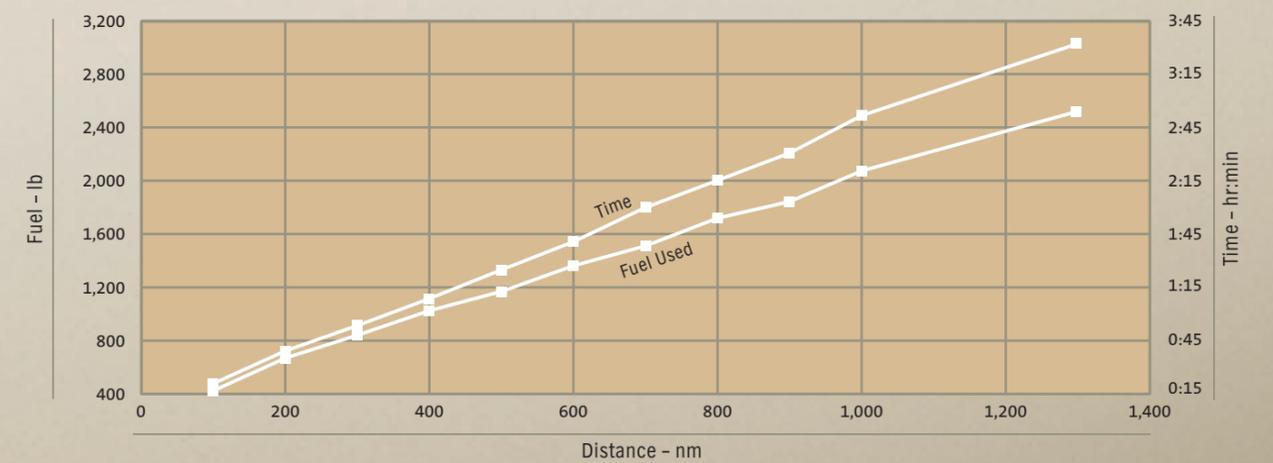
Speed at Altitude | Conditions: Mid-cruise weight, ISA, high-speed cruise power



Range vs. Payload | Conditions: NBAA IFR reserves (100 nm alternate), ISA, zero wind, high-speed cruise power, FL410, typical BOW



Flight Planning Chart | Conditions: NBAA IFR reserves (100 nm alternate), ISA, zero wind, high-speed cruise power, typical BOW, 3 passengers



Takeoff Performance	Required field length per FAR 25	
	Sea level / 59° F	5,000 ft / 77° F
Weight (lb)	Distance (ft)	
10,700	3,250	5,890
10,500	3,120	5,570
10,000	2,820	4,850
9,000	2,570	3,570
8,000	2,480	2,790

Note: Takeoff and landing field lengths are based on dry, level, hard surface runways with no wind.

Takeoff Performance (<i>Metric</i>)	Required field length per FAR 25	
	Sea level / 15° C	1,524 m / 25° C
Weight (kg)	Distance (m)	
4,853	991	1,795
4,763	951	1,698
4,536	860	1,478
4,082	783	1,088
3,629	756	850

Note: Takeoff and landing field lengths are based on dry, level, hard surface runways with no wind.

Climb Performance	From sea level, ISA conditions								
Takeoff Weight (lb)	10,700			10,000			8,000		
Altitude (ft)	Time (min)	Fuel (lb)	Distance (nm)	Time (min)	Fuel (lb)	Distance (nm)	Time (min)	Fuel (lb)	Distance (nm)
25,000	11	272	48	10	250	44	7	191	33
31,000	15	348	71	14	317	64	10	240	48
35,000	19	402	90	17	364	81	12	272	60
39,000	23	454	112	20	408	99	15	299	71
41,000	27	493	129	23	436	112	16	314	77

Climb Performance (<i>Metric</i>)	From sea level, ISA conditions								
Takeoff Weight (kg)	4,853			4,536			3,629		
Altitude (m)	Time (min)	Fuel (kg)	Distance (km)	Time (min)	Fuel (kg)	Distance (km)	Time (min)	Fuel (kg)	Distance (km)
7,620	11	123	89	10	113	82	7	87	61
9,449	15	158	132	14	144	119	10	109	89
10,668	19	182	167	17	165	150	12	123	111
11,887	23	206	208	20	185	183	15	136	132
12,497	27	224	239	23	198	208	16	142	143

Cruise Performance	High-speed cruise, ISA conditions								
Cruise Weight (lb)	10,000			9,000			8,000		
Altitude (ft)	Speed (KTAS) / Fuel Flow (lb/hr)								
25,000	377 / 1,169			377 / 1,157			377 / 1,146		
31,000	387 / 1,014			389 / 1,016			391 / 1,019		
35,000	382 / 857			385 / 859			387 / 861		
39,000	370 / 705			377 / 708			381 / 710		
41,000	359 / 635			368 / 638			376 / 641		

Cruise Performance (<i>Metric</i>)	High-speed cruise, ISA conditions								
Cruise Weight (kg)	4,536			4,082			3,629		
Altitude(m)	Speed (km/hr) / Fuel Flow (kg/hr)								
7,620	699 / 530			699 / 525			699 / 520		
9,449	717 / 460			721 / 461			725 / 462		
10,668	708 / 389			713 / 390			717 / 391		
11,887	686 / 320			699 / 321			706 / 322		
12,497	665 / 288			682 / 289			697 / 291		

Landing Performance | Sea level, 59°F, distance from 50 feet above the runway

Weight (lb)	Distance (ft)
9,900	2,590
9,500	2,530
9,000	2,440
8,500	2,360
8,000	2,270

Landing Performance (*Metric*) | Sea level, 15°C, distance from 50 feet above the runway

Weight (kg)	Distance (m)
4,491	789
4,309	771
4,082	744
3,856	719
3,629	692

Citation CJ1+ Service Facilities

North America

Cessna Greensboro Citation Service Center¹

Wichita Mid-Continent Airport
One Citation Lane
Wichita, Kansas 67209-7706
Tel: (800) 835-4050
Tel: (316) 517-6313
Fax: (316) 517-6099

Duncan Aviation, Inc.⁵

Lincoln Municipal Airport
P.O. Box 81887
Lincoln, Nebraska 68501
Tel: (800) 228-4277
Tel: (402) 475-2611
Fax: (402) 479-4144

Duncan Aviation – BTL⁵
W.K. Kellogg Airport
15745 S. Airport Road
Battle Creek, Michigan 49015
Tel: (800) 525-2376
Tel: (269) 969-8400
Fax: (269) 969-8459

Cessna Milwaukee Citation Service Center¹

General Mitchell International Airport
210 E. Citation Way
Milwaukee, Wisconsin 53207
Tel: (800) 848-5181
Tel: (414) 744-1500
Fax: (414) 744-1700
Parts: (800) 258-6272

Cessna New York Citation Service Center¹

Stewart International Airport
3 Express Drive
Newburgh, New York 12550
Tel: (800) 435-7692
Tel: (845) 567-9210
Fax: (845) 567-0032

Cessna Orlando Citation Service Center¹

Orlando International Airport
4134 Bear Road
Orlando, Florida 32827
Tel: (800) 223-7762
Tel: (407) 859-1245
Fax: (407) 240-0572
Parts: (800) 243-2535

Cessna Sacramento Citation Service Center¹

Sacramento International Airport
5850 Citation Way
Sacramento, California 95837
Tel: (800) 845-6317
Tel: (916) 929-5656
Fax: (916) 929-0127

Cessna San Antonio Citation Service Center¹

San Antonio International Airport
One Cessna Drive
San Antonio, Texas 78216
Tel: (800) 731-7317
Tel: (210) 357-6120
Fax: (210) 357-6121

Cessna Toledo Citation Service Center¹

Toledo-Express Airport
11591 W. Airport Service Road
Swanton, Ohio 43558-9465
Tel: (800) 237-7622
Tel: (419) 866-6761
Fax: (419) 866-1398
Parts: (800) 523-7920

Cessna Wichita Citation Service Center¹

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One Citation Lane
Wichita, Kansas 67209-7706
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Fax: (316) 517-6099

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Duncan Aviation – BTL⁵

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Tel: (269) 969-8400
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Execaire, a division of I.M.P. Ltd.^{3,5}

Lester B. Pearson Int'l Airport
2450 Derry Road East Hangar 7
Mississauga, Ontario L5S 1B2

CANADA
Tel: (905) 677-2484
Fax: (905) 673-8733

Flightcraft, Inc.⁶

Portland International Airport
7777 N.E. Airport Way
Portland, Oregon 97218
Tel: (800) 547-9307 ext. 6520
Tel: (503) 335-6520
Fax: (503) 331-4261

Jet Aviation Texas, Inc.⁶

Dallas Love Field
7363 Cedar Springs
Dallas, Texas 75235
Tel: (800) 966-2378
Tel: (214) 353-5400
Fax: (214) 357-2560

Premier Air Center, Inc.⁵

St. Louis Regional Airport
18 Terminal Drive
E. Alton, Illinois 62024
Tel: (800) 851-5026
Tel: (618) 259-3230
Fax: (618) 259-1903

West Star Aviation⁶

Walker Field Airport
796 Heritage Way
Grand Junction, Colorado 81504
Tel: (800) 255-4193
Tel: (970) 243-7500
Fax: (970) 242-4333

Europe

Atlas Air Service GmbH^{3,5}
Bremen International Airport
Henrich-Focke-Str. 9A
D-28199 Bremen
GERMANY
Tel: 49-421-53658-0
Fax: 49-421-53658-60

Atlas Air Service GmbH⁶
Flughafen Paderborn-Lippstadt
D-33142 Büren-Ahden
GERMANY
Tel: 49-2955-76020
Fax: 49-2955-760240

Cessna European Citation Service Center¹

Aéroport de Paris, Le Bourget
Zone d'Aviation d'Affaires
93352 Le Bourget, cedex
FRANCE
Tel: 33 (0) 1 49-92-22-00
Fax: 33 (0) 1 49-92-22-01
Parts: 33 (0) 6 85-30-33-20

CSE Citation Centre^{4,5}

Bournemouth International Airport
Hangar 100
Christchurch, Dorset BH23 6NW
UNITED KINGDOM
Tel: 44-1-202-573243
Fax: 44-1-202-581579

C.T.A. s.r.l.⁶
Centro Tecnico Aeronautico s.r.l.
Linate Airport
Viale dell' Aviazione, 65
20138 Milano
ITALY

Tel: 39-02-70-20-99-96
Fax: 39-02-70-20-04-85

Gate V Aircraft Maintenance GmbH⁵

Vienna Airport
Hangar 1
A-1300 Vienna Airport
AUSTRIA
Tel: 43-1-7007-32687
Fax: 43-1-7007-32472

Jet Aviation Flugzeugwartung GmbH^{4,5}

Düsseldorf International Airport
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40474 Düsseldorf
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Fax: 49-211-454 3423

Jet Aviation Zurich AG^{2,4,5}

Zurich-Airport
P.O. Box 205
8058 Zurich
SWITZERLAND
Tel: 41-58-158-8111
Fax: 41-58-158-8115

Marshall Aerospace^{4,6}

The Airport
Cambridge CB5 8RX
ENGLAND
Tel: 44 (0) 1-223-373216
Fax: 44 (0) 1-223-373989

RUAG Aerospace Services GmbH^{4,6}
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D-70629 Stuttgart
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Tel: 49-8153-304501
Fax: 49-8153-304995

S.A.N. Aircraft Maintenance⁶

Ciampino Ovest Airport
“G.B. Pastine”
Blgd. 131, Hangar 104
00040 Rome – Ciampino
ITALY
Tel: 39-06-79348263
Fax: 39-06-79348259

Latin America

Aeroservicio S.A.⁶
Aerodromo Eulogio Sanchez
Av. Larrain N 7941 Hangar 5 La Reina, Santiago 6881023

CHILE
Tel: 56-2-2734427
Fax: 56-2-2735735

Airtech Servicios Aéreos C.A.^{4,6}

Oscar Machado Zuloaga Airport
id SVCS
Caracas
VENEZUELA
Tel: 58-239-2255567
Tel: 58-239-2240398
Fax: 58-239-2240086

Centro de Servicio Avemex S.A. de C.V.^{2,4,5}

Aeropuerto Internacional de Toluca
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San Pedro Totoltepec, Edo. de México
Toluca, México C.P. 50200
MEXICO
Tel: 52-722-279-3000
Fax: 52-722-273-1487

TAM-Taxi Aéreo Marilia S.A.^{3,4,5}

Hangar Jundiái – Jundiái Airport
Av. Emilio Antonon, s/n
Chacara Aeroporto, Jundiái SP
Lote 1, 2, 3, 4
CEP 13212-010
BRAZIL
Tel: 55-11-4589-5500
Fax: 55-11-4589-5559

Pacific Rim

Aeromil Pacific Pty. Ltd.^{2,5}
Bankstown Airport
Hangar 109, Drover Road
Bankstown, NSW 2200
AUSTRALIA
Tel: 61-2-8713-1190
Fax: 61-2-8713-1191

Airflite Pty. Ltd.⁶

37 Eagle Drive
Jandakot Airport
Jandakot, W.A. 6164
AUSTRALIA
Tel: 61-8-9332-5244
Fax: 61-8-9332-3189

Japan Aerospace Corporation⁶

5-17 Minami-Aoyama 2-Chome
Minato-ku, Tokyo 107-0062
JAPAN
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Fax: 81-3-5785-5964/5965

Jet Aviation (Asia Pacific) Pte Ltd.^{2,6}
1075 West Camp Road
Seletar Airport
SINGAPORE 797800
Tel: 65-6481-5311
Fax: 65-6481-8336

^[1] Cessna-operated Service Center for all Citation Aircraft

^[2] Authorized as Service Station for Citation X

^[3] Authorized as Service Center for Citation X

^[4] FAA-approved International Service Facility

^[5] Authorized to work on Citation 600- as well as 500-series Aircraft

^[6] Authorized to work on Citation 500-series Aircraft only



Citation CJ1+ | Sure Thing®

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