



Cessna

A Textron Company

Citation | Sovereign



So much room inside. So much roam outside.  
The Citation Sovereign.



## The big, sure way to go farther in business.

The Citation Sovereign offers today's savvy business travelers a very big, very simple proposition: Cover far more ground. In far greater comfort. Without spending far more money. If this sounds sensible to you, the Sovereign was made to fit your mission. More to the point, it is the biggest helping of sensibility ever served up and certified in a midsize business jet. Citation or otherwise. By far.

In fact, the Sovereign literally dwarfs its competition. With coast-to-coast range, impressive speed, outstanding short-field performance and the largest double-club cabin available in its class, it dramatically redefines what a midsize jet can do. Big time. This remarkable aircraft can range nearly 3,300 statute miles nonstop. Or fly multiple short-range hops without refueling. It will cruise at speeds up to Mach .80 (over 500 mph). And with the shortest

takeoff run in its class - by a good thousand feet - it can operate from sub-4,000-foot airstrips that other midsize jets can't even go near. Yet, with all of its hard-charging capability and roomy comfort, this Sure Thing® Citation is priced at millions less than anything even remotely comparable. The Citation Sovereign. By any measure, and by every measure, it's more airplane for the money than any other midsize jet ever built.



## Do things other midsize jets only dream of.

Leap off runways as short as 3,640 feet. Climb directly to 43,000 feet in just 23 minutes. Cruise at speeds up to 458 knots (527 mph) in the comfort of the largest cabin Cessna has ever built. Cross the United States nonstop carrying six passengers and full fuel – with a maximum range of 3,250 statute miles. Land softly on trailing-link gear with ample NBAA IFR fuel reserves. The Sovereign has taken the list of everything that midsize operators always dreamed a business jet could do. And created a Sure Thing.

Excellent power-to-weight characteristics – combined with a moderately swept supercritical wing design – give this extraordinary performer the responsive handling and versatility of a much lighter aircraft. Powered by new series Pratt & Whitney PW306C turboprops rated at 5,770 pounds of takeoff thrust apiece, the Sovereign will take you far – without having to go slow. For example, it'll carry five passengers from California to Hawaii – or Naples

to Nairobi – with plenty of fuel in reserve. And without having to throttle back to time-wasting airspeeds. More range. More performance. More room. More utility. All for less money. With the Sovereign, our integrated design team has struck the perfect balance of aerodynamics, ergonomics and economics. Meaning you can strike the word “compromise” from your business vernacular. And start taking your business places no other midsize jet can.



## Big-time comfort available nonstop, coast to coast.

Cover as much territory as the new Citation Sovereign does, and you'll soon come to realize that cabin comfort is an absolute necessity. As you speed across time zones and continents, the freedom to stand up, walk around, stretch out and relax is essential to keeping your mind sharp and your energy high. Not to worry. Rising 68 inches in height and stretching over 24 feet in length, the Sovereign's impressive full-length, stand-up cabin outstrips its midsize competition by every appreciable measure. In fact, the spacious 620-cubic-foot interior is more than half-again as large as others in its class.

The popular double-club configuration provides ample room for eight or more passengers to interact comfortably. Higher-density configurations are available to carry as many as 12 passengers per trip. And a generous 66 inches of constant cabin width, gives you more than enough seated head and shoulder room. Even so, the fully adjustable seats can be tracked laterally into the aisle for extra clearance, if you like. The seats feature an infinite number of reclining positions, full berthing capability, forward and aft tracking – plus they'll swivel 180 degrees for a variety of conversational groupings. Simply put, you can't get more comfortable in any comparably priced business aircraft.

## Refreshment Center

This beautifully crafted cabinetry serves up catering trays, snacks and dual hot tank beverages – with storage for glassware, china, cutlery, ice and more.

## Closet

The Sovereign's centerline closet provides enough room to stow several full-size garment bags, coats, briefcases, laptop computers and other carry-on items.



## Aft Lavatory

The private lavatory is large enough to double as a stand-up dressing room – with solid sliding doors, a flushing toilet and a vanity sink with hot and cold water.





The solid airstair entryway makes boarding convenient – through a wide standard cabin entrance just a few easy steps from the ground.



Baggage Capacity

The Sovereign's 135 cubic feet of baggage capacity is by far the largest of any midsize jet. While external loading eliminates interference with cabin boarding and damage to the elegant interior.

	10	20	30	40	50	60	70	80	90	100	110	120	130	
Citation Sovereign	■	■	■	■	■	■	■	■	■	■	■	■	■	135
Challenger 300	■	■	■	■	■	■	■	■	■	■	■	■	■	106
Gulfstream G150	■	■	■	■	■	■	■	■	■	■	■	■	■	80
Lear 45XR	■	■	■	■	■	■	■	■	■	■	■	■	■	65
Gulfstream G100	■	■	■	■	■	■	■	■	■	■	■	■	■	51
Hawker 800XP	■	■	■	■	■	■	■	■	■	■	■	■	■	48

Total Baggage Capacity in Cubic Feet



## In a Sovereign, peace of mind comes along for the long haul.

When you choose a new Citation Sovereign, you never have to go it alone. After all, you're not just buying a business jet. You're buying the company behind it. Over the past three decades, no one in this industry has done more to earn the trust and confidence of its customers than the customer support team at Cessna.

True to form, your new long-range Sovereign comes backed by the largest, most far-reaching service organization in business aviation. Citation Service Centers provide you the ultimate worry-free maintenance and tech support. What's more, your new Sovereign is covered by one of the industry's most comprehensive owner-protection packages\*. With coverage on both parts and labor, the Sovereign's Cessna-built airframe components are backed by a five-year, 5,000-hour limited warranty. The engines are covered for five years or up to 3,000 hours. And the Honeywell avionics are

covered for five years or up to 5,000 operating hours. All other vendor components are covered for one year.

You can budget accurately with no surprises when you sign up for Cessna's ProParts, PowerAdvantage, PowerAdvantage+, AuxAdvantage and ProNav programs. Because your parts costs can now be as easy to predict as your monthly flight hours, you'll be able to control your flight operations budget as efficiently as you manage your business.

Add it all up. You won't find a company that goes further than Cessna to make sure your new aircraft takes you as far as you want to go.



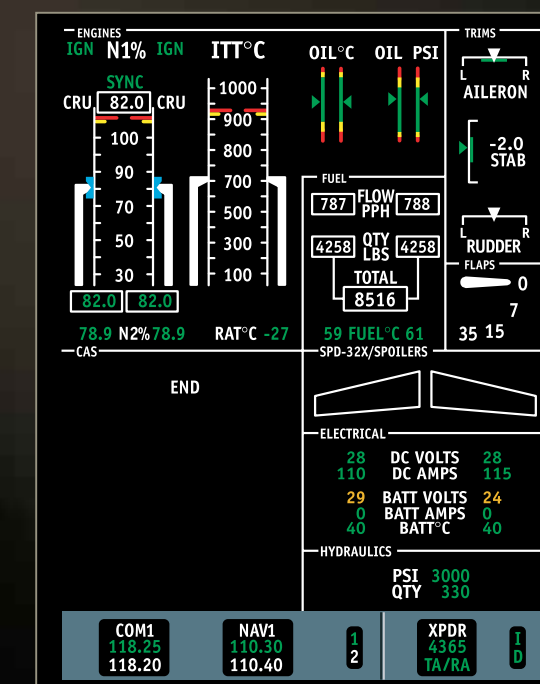
Epic voyages are best flown with an aptly named flight deck.



Primary Flight Display – PFD



Multi-Function Display – MFD



Engine Indicating and Crew Alerting System – EICAS

## The Epic™ global avionics experience.

Fulfilling the long-range missions that the Sovereign is capable of requires a flight deck that delivers proven global avionics performance. Which is why Cessna engineers equipped it with the Honeywell Epic avionics suite. This supremely capable system integrates some of the most advanced navigation and flight control capabilities ever offered in this category of business jet. Meaning that the Sovereign won't just take you far afield. It'll take you far into the future, as well.

The system's centerpieces are four 8 x 10-inch LCD displays. For optimum situational awareness, two Primary Flight Displays (PFDs) depict aircraft attitude, altitude, airspeed, vertical speed and heading references at the pilot's and copilot's stations. These PFDs flank two centrally mounted displays – one serving as a Multi-Function Display (MFD), and the other as an Engine Indicating and Crew Alerting System (EICAS) panel. Radio tuning is also presented on the EICAS and MFD displays, and is controlled by cursor control devices located in the center pedestal or through either

FMS. Manual reversionary switching from either PFD to the central displays provides backup redundancy. Dual Honeywell flight management systems (FMS) are integrated into the standard Epic system for full flight regime navigation management and feature a worldwide navigation database. The system incorporates dual GPS receivers, VOR-DME and DME-DME cross-reference for highly accurate positioning anywhere around the globe. Vertical navigation and GPS approach capabilities are also included. All of which make the Sovereign that much more effective.



Advanced aerodynamics. Exceptional short-field capability. Superior fuel-efficiency. Unprecedented comfort. The factors that make the Citation Sovereign so right for so many companies go way beyond mere numbers on a spec chart. They embody a real-world tactical advantage – yielding tangible benefits that make business travelers more engaged, more productive. While operations become more robust, more profitable.

And while the oft-repeated axiom “time is money” rings truer today than ever before, *face-time* brings home even more money. Which is precisely why you fly in the first place. And why the Sovereign was designed so you can fill up the tanks, board passengers, and go – without the frustrating trade-off between the number of passengers on board and extra fuel stops en route. Able to use runways even shorter than 4,000 feet, the Sovereign can operate

from just about anywhere your light jet once did. Except that this is no light jet. You enjoy the benefit of the largest cabin – and the largest baggage compartment – in the traditional midsize class. And you do it all for millions less than any other comparably sized business jet. Bottom line: The Citation Sovereign is more airplane for the money than any midsize jet ever built. Outsizing everything in its class. While outclassing everything at its price.

Our commitment to being your Sure Thing<sup>®</sup> has never been bigger.

Sovereign Promise

## Citation Sovereign Specifications

### Maximum Cruise Speed

458 ktas (849 km/hr), 35,000 ft (10,668 m), mid-cruise weight

### NBAA IFR Range (200 nm alternate)

2,847 nautical miles (5,276 km) (full fuel, maximum takeoff weight)

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

Takeoff distance (SL, ISA, MTOW) ..... 3,640 ft (1,109 m)

Landing distance (SL, ISA, MLW) ..... 2,650 ft (808 m)

### Ceiling

Maximum certified ..... 47,000 ft (14,326 m)

Single engine ..... 27,560 ft (8,400 m)

### Rates of Climb

All engines ..... 4,016 ft/min (1,224 m/min)

Single engine ..... 1,237 ft/min (377 m/min)

### Airspeed Limits

VMO from 8,000 ft (2,438 m) to

29,833 ft (9,093 m) ..... 305 kias (565 km/hr)

MMO at 29,833 ft (9,093 m) and above ..... M 0.80 (indicated)

### Stall Speed

MLW, landing configuration ..... 88 kcas (163 km/hr)

### Pressurization

Nominal pressure differential ..... 9.3 psi (64 kPa)

### Outside Dimensions

Overall length ..... 63 ft 6 in (19.35 m)

Overall height ..... 20 ft 4 in (6.20 m)

Wingspan ..... 63 ft 4 in (19.30 m)

### Cabin Dimensions (with typical interior installed)

Length (excluding cockpit) ..... 303 in (7.70 m)

Height ..... 68 in (1.73 m)

Width ..... 66 in (1.68 m)

### Engines

Two Pratt & Whitney PW306C

Takeoff thrust ..... 5,770 lb (25.67 kN)

Bypass ratio ..... 4.4:1

### Design Weights and Capacities

Maximum ramp weight ..... 30,550 lb (13,857 kg)

Maximum takeoff weight ..... 30,300 lb (13,744 kg)

Maximum landing weight ..... 27,100 lb (12,292 kg)

Maximum zero fuel weight ..... 20,800 lb (9,435 kg)

Maximum fuel capacity (6.7 lb/gal) ..... 11,216 lb (5,087 kg)

Typical empty weight\* ..... 17,720 lb (8,038 kg)

Two crew plus furnishings ..... 400 lb (181 kg)

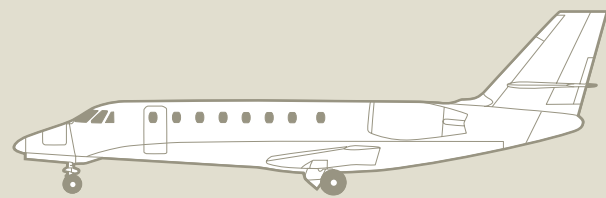
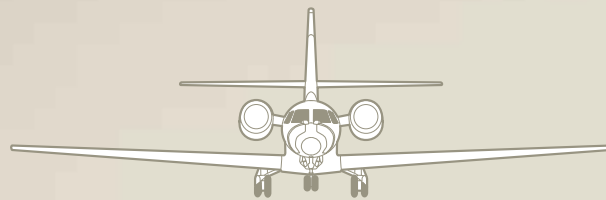
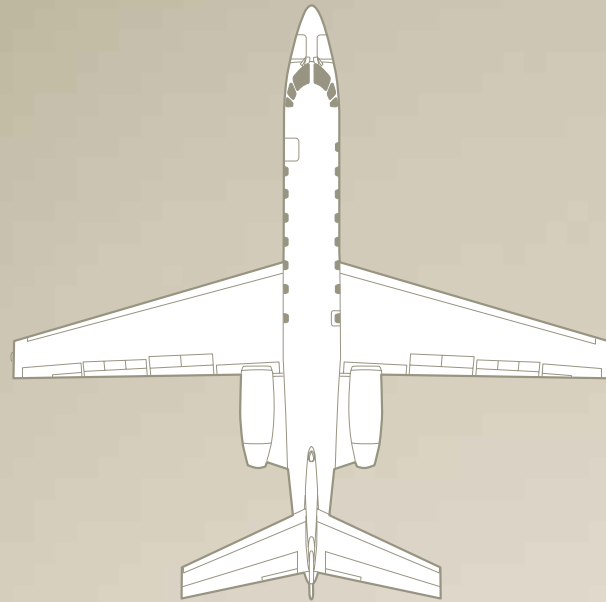
Typical basic operating weight (BOW) ..... 18,120 lb (8,219 kg)

Useful load\*\* ..... 12,430 lb (5,638 kg)

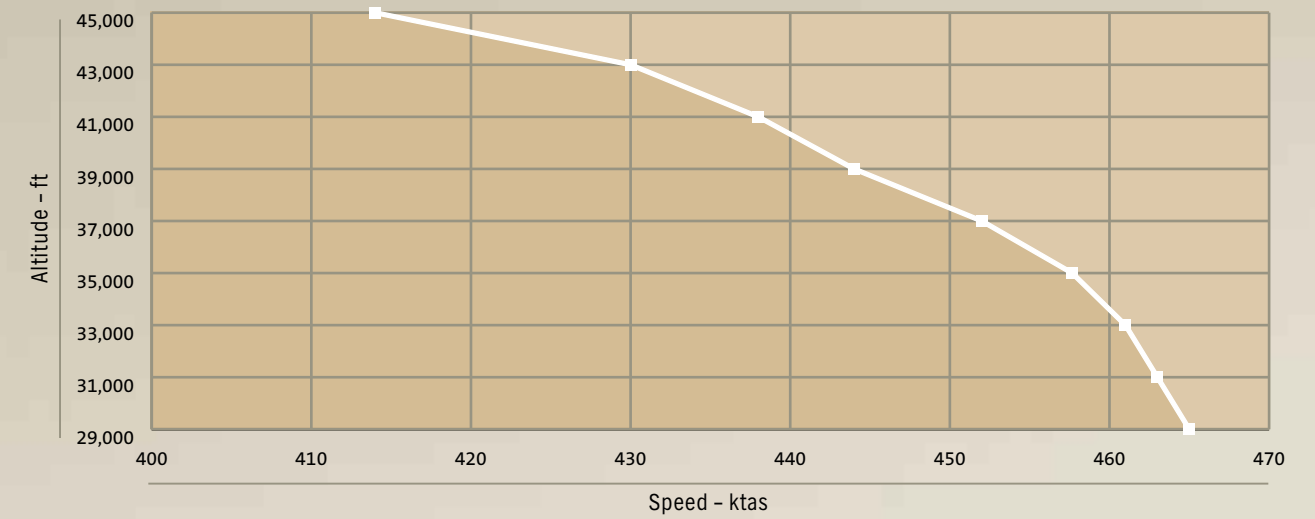
Payload with full fuel ..... 1,214 lb (551 kg)

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

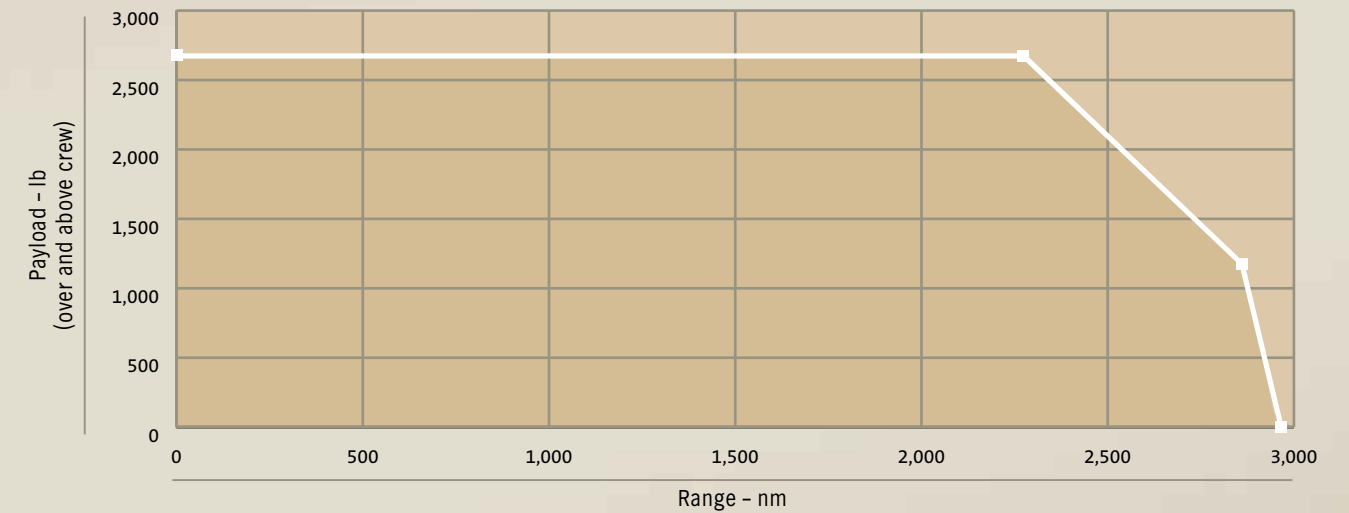
\*\*Amount of payload and fuel that can be carried, over and above crew (based on ramp weight).



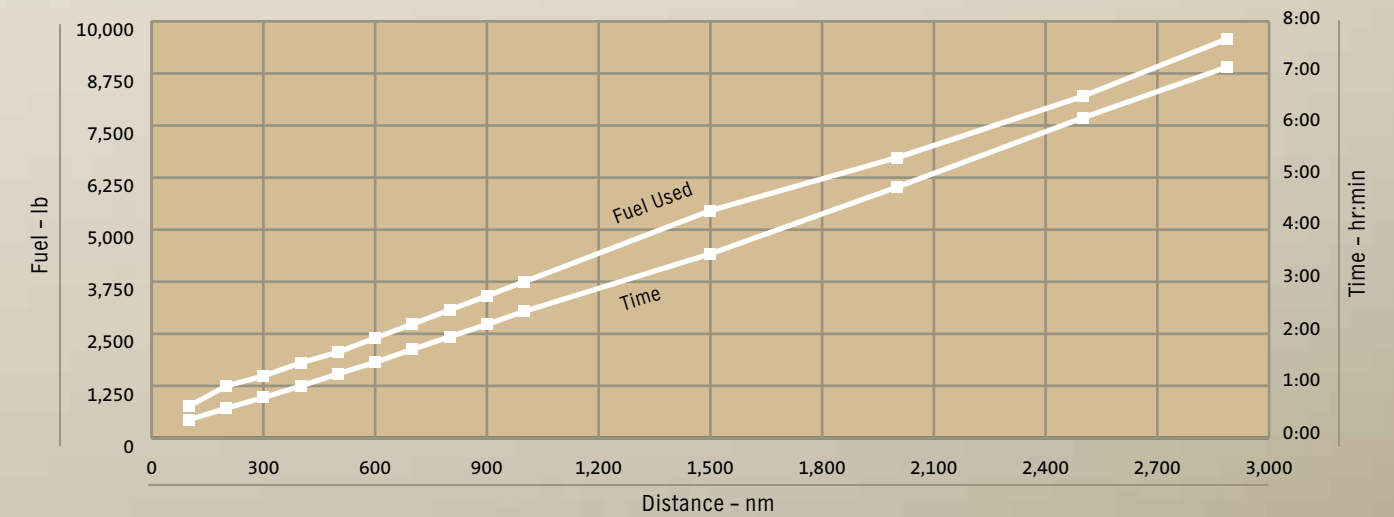
Speed at Altitude | Conditions: Mid-cruise weight, ISA, high-speed cruise power



Range vs. Payload | Conditions: NBAA IFR reserves (200 nm alternate), ISA, zero wind, high-speed cruise power, FL470, Typical BOW



Flight Planning Chart | Conditions: NBAA IFR reserves (200 nm alternate), ISA, zero wind, high-speed cruise power, typical BOW, 4 passengers



## Takeoff Performance

Required field length per FAR 25

	Sea level / 59° F	5,000 <span> </span> ft / 77° F
Weight (lb)	Distance (ft)	
30,300	3,640	4,950
28,000	3,280	4,300
26,000	3,230	3,830
24,000	3,190	3,490
22,000	3,170	3,430
20,000	3,150	3,380

*Note: Takeoff and landing field lengths are based on dry, level, hard surface runway with zero wind.*

### Takeoff Performance *(Metric)*

Required field length per FAR 25

	Sea level / 15° C	1,524 <span> </span> m / 25° C
Weight (kg)	Distance (m)	
13,744	1,109	1,509
12,701	1,000	1,311
11,793	985	1,167
10,886	972	1,064
9,979	966	1,045
9,072	960	1,030

*Note: Takeoff and landing field lengths are based on dry, level, hard surface runway with zero wind.*

### Climb Performance

From sea level, ISA conditions, 270 KIAS/M 0.78

Takeoff Weight (lb)	30,300			28,000			24,000		
Altitude (ft)	Time (min)	Fuel (lb)	Distance (nm)	Time (min)	Fuel (lb)	Distance (nm)	Time (min)	Fuel (lb)	Distance (nm)
25,000	7	481	36	6	438	33	5	366	27
35,000	13	722	71	11	649	63	9	533	51
41,000	19	915	108	16	806	93	13	647	73
43,000	23	1,031	135	19	885	112	15	696	85
45,000	–	–	–	25	1,016	147	17	759	101
47,000	–	–	–	–	–	–	21	844	126

### Climb Performance *(Metric)*

From sea level, ISA conditions, 270 KIAS/M 0.78

Takeoff Weight (kg)	13,744			12,701			10,886		
Altitude (m)	Time (min)	Fuel (kg)	Distance (km)	Time (min)	Fuel (kg)	Distance (km)	Time (min)	Fuel (kg)	Distance (km)
7,620	7	218	67	6	199	61	5	166	50
10,668	13	327	131	11	294	117	9	242	95
12,497	19	415	200	16	366	172	13	293	135
13,106	23	468	250	19	401	208	15	316	158
13,716	–	–	–	25	461	272	17	344	187
14,326	–	–	–	–	–	–	21	383	234

### Cruise Performance\*

Mid-cruise weight

Cruise Weight (lb)	29,000	26,000	23,000
Altitude (ft)	Speed (KTAS) / Fuel Flow (lb/hr)		
25,000	438 / 2,528	438 / 2,471	438 / 2,427
35,000	452 / 2,136	456 / 2,144	461 / 2,150
41,000	424 / 1,570	435 / 1,582	443 / 1,587
43,000	404 / 1,415	425 / 1,437	437 / 1,447
45,000	– / –	403 / 1,288	427 / 1,304
47,000	– / –	– / –	400 / 1,139

*\*High speed cruise thrust, ISA*

### Cruise Performance\* *(Metric)*

Mid-cruise weight

Cruise Weight (kg)	13,154	11,793	10,433
Altitude(m)	Speed (km/hr) / Fuel Flow (kg/hr)		
7,620	812 / 1,147	812 / 1,121	812 / 1,101
10,668	838 / 969	845 / 972	854 / 975
12,497	786 / 712	806 / 718	821 / 720
13,106	749 / 642	787 / 651	810 / 656
13,716	– / –	746 / 584	791 / 591
14,326	– / –	– / –	741 / 517

*\*High speed cruise thrust, ISA*

## Landing Performance

Sea level,

59° F, distance from 50 feet above the runway

Weight (lb)	Distance (ft)
27,100	2,650
25,000	2,510
23,000	2,370
22,000	2,300
21,000	2,230
20,000	2,160

### Landing Performance *(Metric)*

Sea level,

15° C, distance from 50 feet above the runway

Weight (kg)	Distance (m)
12,292	808
11,340	765
10,433	722
9,979	701
9,525	680
9,072	658

## Citation Sovereign Service Facilities

## North America

### Cessna Greensboro Citation Service Center<sup>1</sup>

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 Center<sup>1</sup>

Toledo Express Airport
11591 West 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 Center<sup>1</sup>

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.<sup>5</sup>

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

#### Duncan Aviation – BTL<sup>5</sup>

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

#### Execaire,

**a division of I.M.P. Ltd.**<sup>3,5</sup>
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

#### Premier Air Center, Inc.<sup>5</sup>

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 Aviation<sup>6</sup>

Walker Field Airport
796 Heritage Way
Grand Junction, Colorado 81506
Tel: (800) 255-4193
Tel: (970) 243-4500
Fax: (970) 242-4333

## Africa

### COMAIR Servicing Lanseria (Pty) Ltd.<sup>2, 6</sup>

Hangar 2, Lanseria Airport
Lanseria Gauteng
1748
**SOUTH AFRICA**
Tel: 27-11-548-3000
Fax: 27-11-548-3032

## Europe

**Atlas Air Service GmbH**<sup>3, 5</sup>
Bremen International Airport
D-28199 Bremen
**GERMANY**
Tel: 49-421-53658-0
Fax: 49-421-53658-60

### Cessna European Citation Service Center<sup>1</sup>

Aéroport de Paris, Le Bourget
Zone d'Aviation d'Affaires
93352 Le Bourget,
**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**<sup>4, 5</sup>
Bournemouth International Airport
Hangar 100
Christchurch, Dorset BH23 6NW
**UNITED KINGDOM**
Tel: 44-1-202-573243
Fax: 44-1-202-581579

### Gate V Aircraft Maintenance GmbH<sup>5</sup>

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

**Jet Aviation Flugzeugwartung GmbH**<sup>4, 5</sup>
Düsseldorf International Airport
Hangar 2
40474 Düsseldorf
**GERMANY**
Tel: 49-211-454 970
Fax: 49-211-454 3423

**Jet Aviation Zurich AG**<sup>2, 4, 5</sup>
Zurich Airport
P.O. Box 205
8058 Zurich
**SWITZERLAND**
Tel: 41-58-158-8111
Fax: 41-58-158-8115

**RUAG Aerospace Services GmbH**<sup>4, 5</sup>
Oberpfaffenhofen Airport
P.O. Box 1253
D-82234 Wessling
**GERMANY**
Tel: 49-8153-302125
Fax: 49-8153-304995

## Latin America

**Centro de Servicio Avemex S.A. de C.V.**<sup>2, 4, 5</sup>
Aeropuerto Internacional de Toluca
Calle 4, Lote 35, Hangar 14
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 Marília S.A.**<sup>2, 3, 4, 5</sup>
Hangar Jundiáí – Jundiáí Airport
Av. Emilio Antonon, s/n
Chacara Aeroporto, Jundiáí 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**<sup>2, 5</sup>
Bankstown Airport
Hangar 109, Drover Road
Bankstown
NSW 2200
**AUSTRALIA**
Tel: 61-2-8713-1190
Fax: 61-2-8713-1191

<sup>[1]</sup> Cessna-operated Service Center for all Citation Aircraft

<sup>[2]</sup> Authorized as Service Station for Citation X

<sup>[3]</sup> Authorized as Service Center for Citation X

<sup>[4]</sup> FAA-approved International Service Facility

<sup>[5]</sup> Authorized to work on Citation 600- as well as 500-series Aircraft

<sup>[6]</sup> Authorized to work on Citation 500-series Aircraft only



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Citation Sovereign | Sure Thing®

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+1-316-517-6056 outside the U.S. | Fax 316-517-6640 | Sovereign.Cessna.com

CIT 7/07 10M Litho in the U.S.A.