

# SOLJETS



2008 Cessna Citation Encore+

SN 560-0782 | N247EJ



Passenger

8



Mach

0.755



Range (NM)

1,780

## AIRFRAME

Total Hours: 7,362  
Total Landings: 5,787

## ENGINES - Pratt & Whitney PW535B

Programs: ESP Silver Lite

	Left	Right
Serial Number:	PCE-DE0068	PCE-DE0064
Total Hours:	6,369	7,165
Engine Cycles:	5,028	5,610
Hours until Overhaul:	1,840	1,479

## MAINTENANCE

- Phase 1-4 Completed August 2022

## AIRCRAFT HIGHLIGHTS

- Gogo Avance L3 Domestic Wi-Fi
- Cescom
- Enrolled on ESP Silver Lite and CASP

## INTERIOR

- 2019 Interior Refurbishment. Eight (8) Passenger Seating in Chatham Taupe Leather including Four Club Seating, Two Single Forward Facing Seats, Aft Facing Forward Seat, and Belted Lavatory Accented with Ultraleather Headliner, Kaleidoscope Sidepanels, Atlantic Thatch Carpet, High-Gloss Waterfall Bubinga Veneers and Rose Gold Plating.

## EXTERIOR

- Overall Akzo Noble with Dupont Slate Gray, Charcoal, and Raspberry Stripes.

CONTACT

[sales@soljets.com](mailto:sales@soljets.com)

+1.847.920.7000

## AVIONICS

- Collins Proline 21 – 3-Tube EFIS System
- Collins FMS-3000
- Dual Collins TDR-94 with Mode S and Enhanced Flight ID
- ADS-B-Out
- Collins GPS-4000S WAAS-Capable
- Collins TTR-4000 TCAS-II
- Honeywell Mark V EGPWS
- TAWS-A
- RVSM Certified
- APS-4000 FCS with Yaw Damp
- Dual Collins VHF-22
- Dual Collins VIR-32
- Dual Collins DME-442
- Dual Collins ADF-462
- Collins ALT-4000
- Honeywell Primus 650 Color Digital Radar
- WX-1000 Stormscope
- L3 FA-2100 CVR
- Artex C406N ELT with NAV Interface

## FEATURES / OPTIONS

- AvVisor Plus
- 8.4” Cabin Display Monitor
- Prepco Coffee Tank
- Gogo Avance L3 Domestic Wi-Fi
- Hamilton Sunstrand Air Cycle Machine
- LED lighting & Single-Point Fuel
- Precise Flight Pulselight
- Engine Synchronizer
- Angle of Attack Indexer
- Dual EROS Quick-Donning Oxygen Masks
- Battery Temperature Gauge

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## MAXIMUM CRUISE SPEED

(35,000 ft / 10,688 m, mid cruise weight)

428 ktas    793 km/hr

## NBAA IFR RANGE

(100 nm Alternate)

Full fuel, MTOW, and Max Cruise

1,780 nm    3,260 km

## AIRPORT PERFORMANCE

(Dry, Level, Hard, Zero Wind)

Takeoff distance (SL, ISA, MTOW)

3,520 ft    1,073 m

Landing distance (SL, ISA, MTOW)

2,770 ft    844 m

## CEILING

Maximum certified

45,000 ft    13,716 m

## RATES OF CLIMB

All engines

4,620 ft/min    1,408 m/min

Single engine

1,400 ft/mi    427 m/m

## AIRSPEED LIMITS

Vmo from Sea Level to 8,000 ft  
(2,438 m)

262 kias    465 km/hr

Mmo at 28,900 ft (8,809 m) and  
above

M.755    (indicated)

## PRESSURIZATION

Nominal pressure differential

8.9 psi    .64 bar

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## OUTSIDE DIMENSIONS

Overall length	48 ft 11 in	14.91 m
Overall height	15 ft 2 in	4.62 m
Wingspan	54 ft 9 in	16.69 m

## CABIN DIMENSIONS

Length (excluding cockpit)	22 ft 4 in	6.81 m
Height	57 in	1.45 m
Width	58 in	1.47 m

## ENGINES

Two (2) Pratt & Whitney PW535B		
Takeoff thrust	3,400 lb	15.12 kN
Bypass Ratio	255 :1	

## DESIGN WEIGHTS AND CAPACITIES

Max ramp weight	17,030 lb	7,725 kg
Max takeoff weight	16,830 lb	7,634 kg
Max landing weight	15,200 lb	6,895 kg
Max zero fuel weight	12,600 lb	5,715 kg
Max fuel capacity (6.7 lb / gal)	5,400 lb	2,449 kg
Typical empty weight*	10,020 lb	4,545 kg
Useful Load**	7,010 lb	3,189 kg
Payload with full fuel	17,030 lb	7,725 kg

\*Reflects standard aircraft with typical options and unusable fuel / oil

\*\*Amount of payload and fuel that can be carried based on ramp weight

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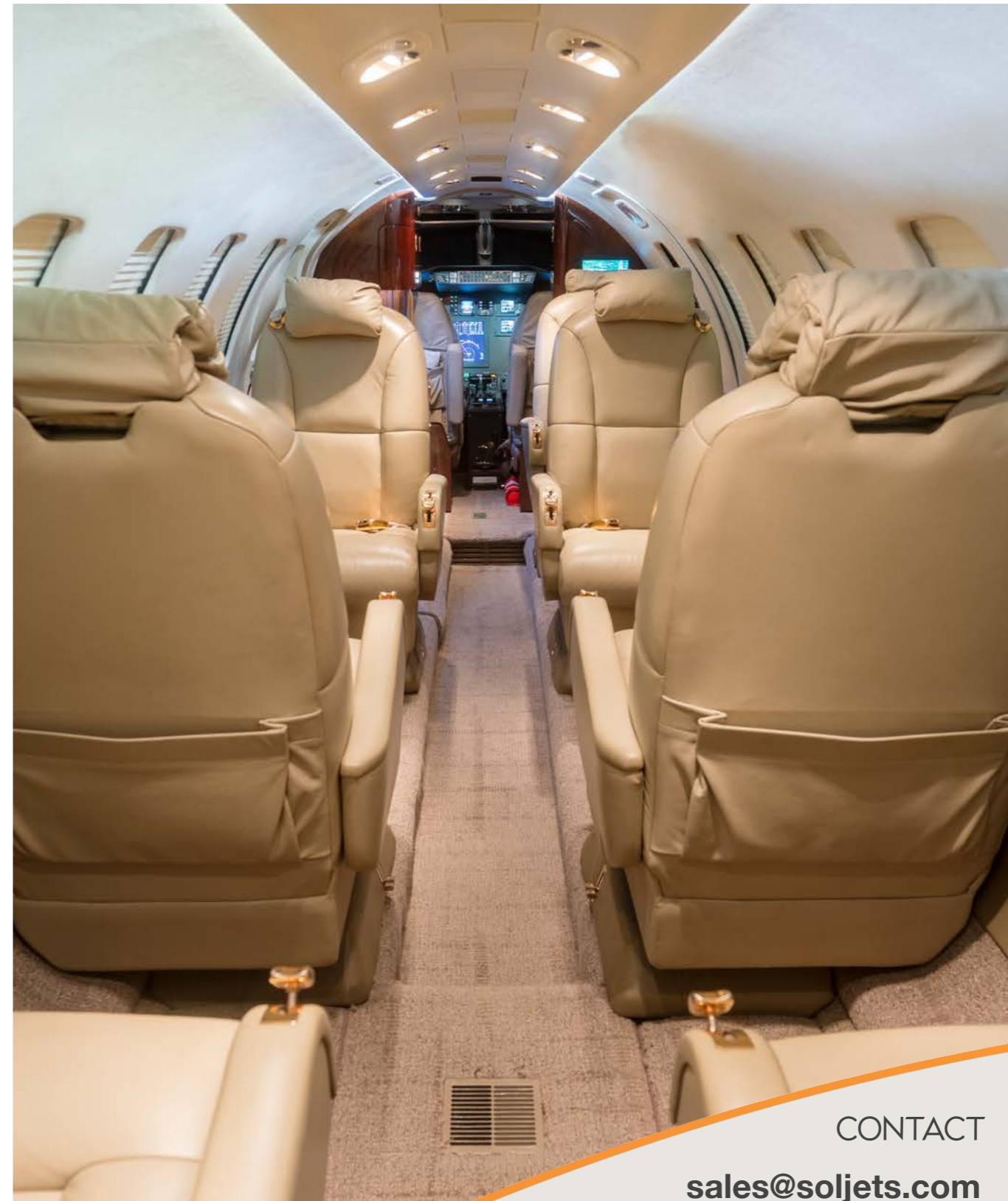
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