



# 2006 Citation CJ3 N8106V, 525B-0072

## Specifications and Summary

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# 2006 Cessna Citation CJ3

**N8106V - S/N 525B-0072**

**PRELIMINARY SPEC**

**TOTAL TIME:** (As of 9/23/2009)

**TTAF:** 1446

**LANDINGS:** 1009

**ENGINES:** Williams/Rolls Royce FJ44-3A

**Left**

**Right**

**SNEW:**

1446

1446

**Cycles:**

1009

1009

**Serial Number:**

141151

141152

(Enrolled in Williams TAP Elite Engine Program)

## **WEIGHTS:**

**MAX RAMP:** 14,070

**MAX TAKEOFF:** 13,870

**MAX LANDING:** 12,750

**MAX ZERO FUEL:** 10,510

**FUEL CAPACITY:** 4,710

**EMPTY WEIGHT:** 8,384

## **AVIONICS DESCRIPTION:**

*Collins Proline 21 Avionics System is an integrated Flight Director/Autopilot and EFIS system utilizing three 8"x10" Color Liquid Crystal Displays (LCD). The Primary Flight Displays (PFD) are located on the pilot's and copilot's panel with an Enhanced Multi-Function Display (MFD) on the center panel.*

*All displays are capable of providing compass, radar information, and engine parameters. The MFD has enhanced capabilities and is able to display a variety of graphical information.*

*The weather display may be overlaid on either the arc or map format. The PFD's also display lateral navigation information in conjunction with the compass information. Vertical deviation, distance, display, autopilot/flight director annunciations, and navigation bearings are also displayed on the PFD. Dual Collins AHC-3000 Attitude Heading Reference Systems supply attitude and magnetic or true heading information to the PFD..*

*Engine parameters will be displayed at the top of the MFD, including N1, N1 reference, thrust mode, ITT, ignition selected annunciation, N2, oil temp, oil pressure, fuel quantity, fuel flow and fuel temperature. Below the engine display is a window which may display extended FMS data or an integrated electronic checklist. The lower portion of the MFD displays navigation in either a full compass rose, partial compass arc, present position (PPOS) map format or a planning map format. Situational awareness presentations (weather detection, TAWS, and TCAS) may be overlaid on either the arc or PPOS map formats. Temperatures (TAS, RAT, SAT and ISA deviation) are displayed at the bottom of the PFD. Electronic approach and taxi charts and uplinked graphical weather may also be displayed on the MFD.*

*The single Collins Flight Management System FMS-3000 provides multiple waypoint navigation solution blended from available GPS, VOR, and DME sources, suitable for en-route, terminal, and non-precision approach navigation. Both lateral and vertical modes may be displayed on the Flight Director and may be fully coupled to the autopilot. Airway flight planning, plain language identifiers and airport communication and navigation frequency lookup features are included. Present position referenced geopolitical and airspace boundaries, and airways may be overlaid on any of the FMS formats. The CDU-3000 (Control Display Unit) provides an alternate method for controlling the radio sensors, in lieu of*

the RTU-4210s (Radio Tuning Units). An optional Performance Data Base is installed which enables ground-based predicted performance, including automatic computation of takeoff reference speeds.

**AVIONICS EQUIPMENT:** (Collins ProLine 21 System with 3-Tube EFIS)

**COMMUNICATIONS:** (2) Pro Line 21 CNS Radios include dual Collins RTU-4210 Radio Tuning Units and dual Collins VHF-4000 transceivers with 8.33 kHz spacing

**VHF NAVIGATION:** (2) Pro Line 21 CNS Radios by Collins include dual NAV

**HIGH FREQUENCY RADIO:** (1) Collins HF-9000

**FLIGHT DIRECTOR:** Collins Proline 21 Flight Guidance System (FGS)

**AUTOPILOT:** Collins Proline 21 Avionics Flight Director / Autopilot System

**EFIS:** Collins Proline 21 3-Tube Integrated System

**RADAR:** Collins WXR-800 Weather Radar

**BROADCAST WEATHER:** XM WX Satellite Weather Data receiver displayed on MFD (subscription required)

**TRANSPONDER\*:** (2) TDR-94D Mode S Diversity Transponders with Enhanced Flight ID

**DISTANCE MEASURING EQUIPMENT:** (2) Pro Line 21 CNS Radios by Collins includes DME-4000

**RADIO ALTIMETER:** (1) Collins ALT-4000 Radar Altimeter

**AUTOMATIC DIRECTION FINDER:** (1) ProLine 21 CNS Radios by Collins includes an ADF

**AIR DATA COMPUTER:** (2) Collins ADC-3000 Air Data Computer

**ALTITUDE HEADING REFERENCE SYSTEM:** (2) Collins AHC-3000 AHRS

**FLIGHT MANAGEMENT SYSTEMS/GLOBAL POSITIONING SYSTEMS:** (1) Collins FMS-3000 with both lateral and vertical modes and (1) Garmin 500 FMS which serves as a second, independent FMS using its own internal GPS sensor with advisory vertical navigation data.

**GLOBAL POSITIONING SYSTEM:** Collins GPS-4000A and Garmin GPS-500

**ELECTRONIC CHARTS:** Collins Chartlink permits displaying Jeppesen Electronic Charts on MFD (subscription required)

**TRAFFIC COLLISION AVOIDANCE SYSTEM:** Collins TTR-4000 (TCAS II) with Change 7

**TERRAIN AWARENESS AND WARNING SYSTEM\*:** Honeywell Mark VIII EGPWS

*\*[NOTE: Class B TAWS (or better) required for Part 91 ops in a/c with >6 seats by March 29, 2005] ✓*

**EMERGENCY LOCATOR TRANSMITTER\*:** Artex C406-2 ELT

*\*[NOTE: ELT is required 1/1/2004 of all nonscheduled N-registered jet aircraft] ✓*

**ADDITIONAL EQUIPMENT / OPTIONS / UPGRADES:**

- ENTERTAINMENT SYSTEM (Flight Display Entertainment System)
- Dual 7" Monitors (4 receptacles)
- DVD/CD Player with audio/video inputs and wireless remote
- 4 Wireless Headsets
- MOVING MAP DISPLAY with Flight Information (position, altitude, speed & ETE)
- AIRCELL Iridum ST-3100 flight phone with cabin and cockpit handsets
- GARMIN GPS 500
- JEPPESEN ELECTRONIC CHARTS (subscription required)
- TCAS II
- EGPWS
- XM BROADCAST GRAPHICAL WEATHER (subscription required)
- COCKPIT VOICE RECORDER
- HIGH FREQUENCY RADIO
- VOICE ANNUNCIATOR
- COCKPIT MUTE SWITCH
- PULSELITES
- TAIL LOGO LIGHTS
- LOCKING FUEL CAPS
- (6) 1200W/115V OUTLETS IN CABIN
- (2) 1200W/115V OUTLETS IN COCKPIT
- 42 AMP HOUR LEAD ACID BATTERY
- SHEEPSKIN COVERED PILOT SEATS
- BRAVO STYLE ENTRY STEPS

- FLUSHING TOILET
- LOOSE EQUIPMENT: TIA MICROWAVE OVEN (Microwave oven is interchangeable with Flight Display Entertainment System)

**CAPABILITIES:**

**RVSM:** Yes, Factory Standard  
**FIREBLOCKED:** Yes  
**FM IMMUNITY:** Yes

**INTERIOR:**

This 6 passenger (plus 2 pilots) configuration consists of a four place club in the mid cabin. Directly aft of the forward club seats are two forward facing seats. Privacy pocket doors isolate the main cabin from the aft right side flushing toilet. The interior features leather seats throughout with 2 stowable Executive Tables with leather table top inserts at the mid club seats and two Slimline tables at the aft passenger seats. Each chair has stowable inboard armrests and hidden headrests. The right side refreshment center features a hot liquid tank, a large ice drawer, large trash container, beverage can storage and multiple storage drawers. The storage cabinet aft of the pilots' seats provides general storage and the flight deck includes dual 115VAC electrical outlets.

**EXTERIOR:**

Overall White with blue and grey accent stripes.

**MAINTENANCE & INSPECTION:**

- ▶ Enrolled in William's TapElite Engine Program
- ▶ Enrolled in ProParts
- ▶ Enrolled in CESCO

**WARRANTY INFORMATION:**

Warranty Start Date began on date of delivery:	04/13/2006
Cessna Aircraft Manufactured Components:	5 years or 5,000 operating hours
Standard Collins Aircraft Avionics:	5 years or 5,000 operating hours
All other Standard Aircraft Avionics:	2 years
Optional Avionics, interior furnishings, exterior paint, all Special Equipment requests and vendor items:	1 year
Williams FJ44-3A engines:	36 months or 1500 engine operating hours for 1 <sup>st</sup> user

*(NOTE: This warranty information is an incomplete synopsis. Buyer must review manufacturer's warranty information. All warranties are subject to verification by Buyer.)*

**HISTORY:**

- Initial Airworthiness Certificate issued: 04/04/2006
- No Known Damage History

**AVAILABLE:** Immediately

**ASKING PRICE:** \$TBD (USD)

*This aircraft is being brokered by Guardian Jet, LLC. Prospective purchasers are encouraged to conduct their own independent pre-purchase inspection as Guardian Jet, LLC makes no representations as to the airworthiness of the aircraft or the accuracy of the above information. Specifications subject to verification by Buyer. Aircraft subject to prior sale.*

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# Aircraft Photographs







