# Zero Time 208B Grand Caravan EX

Serial Number: 208B-5553 C of A Date: Sept 2019 Vinyl Registration ID: N823CT - TTAF: 5.9 Hours

Price: \$2.700





EXCELLENT opportunity to acquire an EXCEPTIONALLY well Optioned NEW Cessna 208B Grand Caravan EX

Certificate of Airworthiness Date: 23 September 2019 Entry Into Service Date: 27 September 2019 Warranty Start Dates: 27 September 2019

# Bonus Inclusions With The Acquisition Of The Aircraft Will Be:

- Two (2) Standard Pilot Training Courses
- Three (3) ADDITIONAL Pilot Training Courses \$31K Value (for a total of 5 Pilot Training Courses)
- One (1) Standard Mechanic Training Course

#### BEYOND THE STANDARD AVIONICS PACKAGE - EXCLUSIVE AVIONICS OPTIONS INCLUDE:

- Garmin GTS-825 TAS Traffic Advisory System
- Garmin GTX-345 ADS-B Out and In Functionality w/Display on Garmin 1000
- Garmin GTN TAWS-B Terrain Awareness Warning System Enablement
- Honeywell KRA 405B Radar Altimeter w/Accuracy: ± 3 ft or ±3%, < 500 ft ±5%, >500 ft
- Bendix-King KR-87 ADF
- Garmin GWX-70 4 Color Digital Doppler Weather Radar
- Artex C 406-N 3 Frequency ELT
- Garmin Flight Stream 510 Advanced Wireless Connectivity and Integration
- Optional Garmin Surface Watch Terminal Environment Safety Enabled
- Optional Garmin Search & Rescue Enablement
- XM Satellite Weather / Entertainment
- Garmin Video Enablement Card Control & Display Interface To Optional Auxiliary Video Systems

#### BEYOND THE STANDARD AIRFRAME PACKAGE - EXCLUSIVE AIRFRAME OPTIONS INCLUDE:

- Cargo Pod Installation
- Highly Desired Optional Wipaire Single Point Refueling System STC
- Cabin Air Conditioning System
- TKS Anti-Ice System
- McCauley Propeller with TKS Anti-Ice System
- Beautiful Upgraded 'Canyon' 10-Place Leather Interior in Double-Club Configuration
- Complete 17 Port Passenger Oxygen System
- Optional 29" Oversize Tires Exchanged (Standard Tires are 22")
- Optional 300 Amp Starter/ Generator Exchange
- Aero Twin Rudder Gust Lock STC

#### **STANDARD AVIONICS INCLUDE:**

## **Garmin 1000 NXi Advanced Avionics Integrated Systems to Include:**

- Dual GDU 1040A Pilot and Copilot Primary Flight Displays (PFD's)
- Single GDU 1040A Multifunction Display (MFD)
- GFC-700 Automatic Flight Control System (AFCS)
- Dual GDC 74A Air Data Computers (ADC)
- GEA 71 Engine/Airframe Unit
- GRS 77 Dual Attitude and Heading Reference System (AHRS)
- GMA 1360D Dual Audio System with Bluetooth capability and 3D audio
- Garmin Relative Terrain/Obstacles
- Garmin Flight Charts Capable
- Garmin Safe Taxi
- KN-63 DME
- Dual Avionics Power Switch

- ELT Remote Switch and Monitor Light (Dorsal Fin Installation)
- Avionics Cooling includes (2) Cowl Deck Fans and (3) Display Fans
- PA System with Aft Cabin Speakers
- IFR High and Low Altitude Charts with Auto/Day/Night Modes
- Integrated VFR Sectional Charts

# **ENGINE INDICATION SYSTEM (EIS) Displayed on MFD During Normal Operations:**

- Engine and System Displays
  - Torque
  - Interstage Turbine Temperature
  - Gas Generator Speed
  - Propeller Speed
  - Oil Pressure
  - Oil Temperature
  - Fuel Quantity
  - Fuel Flow
  - Ammeter/Voltmeter
  - Standby Engine Torque Gauge
  - FAST ™ System Engine Trend Monitoring

## **Standard Flight Instruments:**

- Indications Displayed on Each PFD
  - Airspeed
  - Attitude with Slip/Skid Indication
  - Altitude
  - Vertical Deviation, Glideslope and Glidepath Vertical Speed
  - Horizontal Situation Indication
  - Outside Air Temperature
  - System Time
  - Generic Timer
  - Wind Data
- Standby Flight Instruments:
  - Airspeed Indicator
  - Attitude Gyro
  - Altimeter
- Magnetic Compass
- Heated Pitot System, Pilot & Copilot Alternate Static Source
- Static Source Drains
- Instrument Static System
- Second Independent Pitot-Static System

#### **Standard Flight Controls:**

- · Brake, Parking
- Brakes, Hydraulic, Toe-Operated
- Control Cables Corrosion Resistant Steel
- Control Lock, Ailerons and Elevator
- Flight Control System, Pilot & Copilot (Includes All-Purpose Control Wheel, Pedals and Toe Brakes)
- Friction Lock, Engine Controls
- Powerplant, Quadrant Type Controls:
  - Condition Lever

- Primary Engine Power
- Back-Up Engine Power, (Emergency Power Lever)
- Propeller, Speed and Feather
- Trim System (Aileron/Rudder [Manual], Elevator [Manual & Electric Pilot & Copilot])
- Wing Flaps, Electric Pre-Select with Standby Motor
- Environmental Controls:
  - Defroster, Windshield (Pilot and Copilot)
  - Heating System, Cabin (Bleed Air Type)
  - Soundproofing
  - Ventilation System, Cockpit (Ram Air)
  - Ventilator, Adjustable, Cabin Air
  - Ventilation System, Fan-Driven

## **Crew Alerting System:**

The Crew Alerting System (CAS) displays Warning Messages in Red, and Caution Messages in Yellow, and Advisories in White, on both PFD's. The Annunciation Window is to the right of the Altimeter and Vertical Speed Indicator.

#### Flight Guidance System:

The *remarkable* GFC-700 Automatic Flight Control System (AFCS) is part of the Garmin G-1000 NXi. The AFCS can be divided into the following functions:

- Flight Director
- Auto-Pilot
- Yaw Damper
- Automatic Pitch Trim

#### **Maintenance Diagnostics:**

A Data Acquisition System is provided on the Caravan EX to allow operators to easily monitor and maintain the Aircraft engine.

This system records engine parameters, indicated airspeed, pressure altitude, outside air temperature, flight hour meter, battery voltage, and the positions of the particle separator, emergency power lever, and bleed air cabin heat switch.

Data retrieval is handled using a special software program installed on a laptop or handheld computer. Data delivery is handled using the computer transfer to transfer the Aircraft data to the Turbine Tracker Website. The Turbine Tracker Website formats the data into customized reports for use as analysis tools.

#### **Loose Equipment:**

- Baggage Net (1)
- Baggage Tie-Downs (4)
- Control Lock (1)
- Engine Download Cable (1)
- Engine Inlet Plugs (2)
- Exhaust Cover (1)
- Fuel Sump Sample Cup (1)
- Inertial Separator Exhaust Plug (1)
- Passenger Safety Briefing Cards

- Pitot Cover Set (1)
- Prop Anchor (1)
- Tail Stand (1)
- Tow Bar (1)
- Winterization Plate (1)

# **Emergency Equipment**:

• Fire Extinguisher





















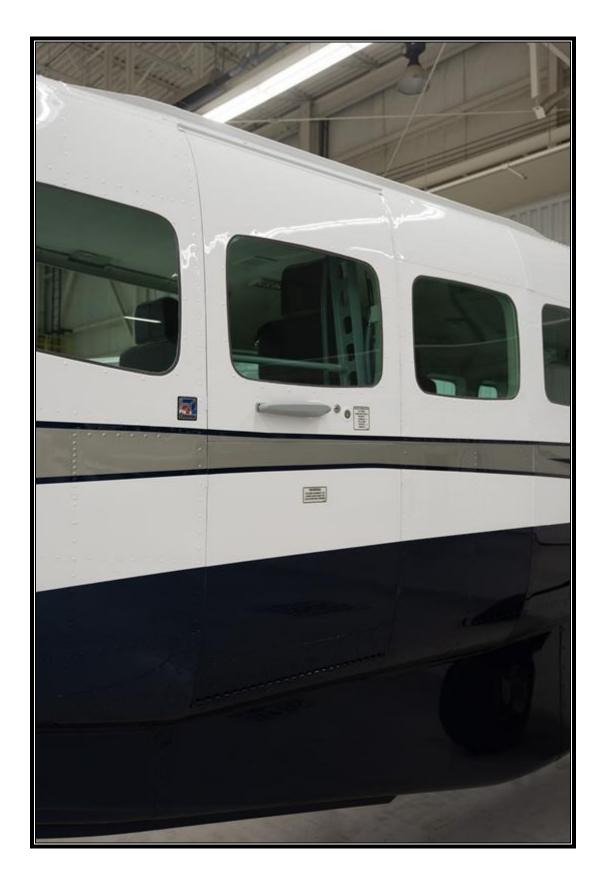




















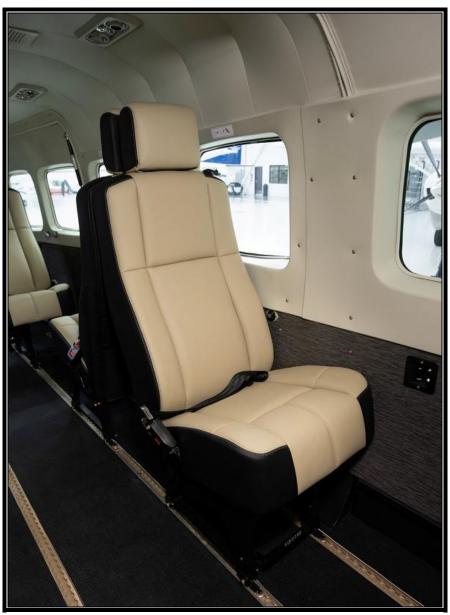


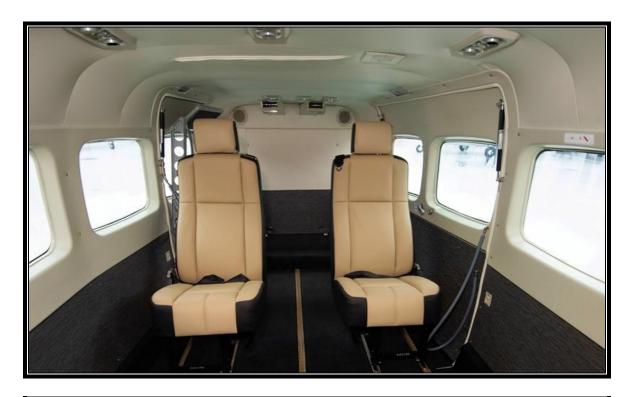






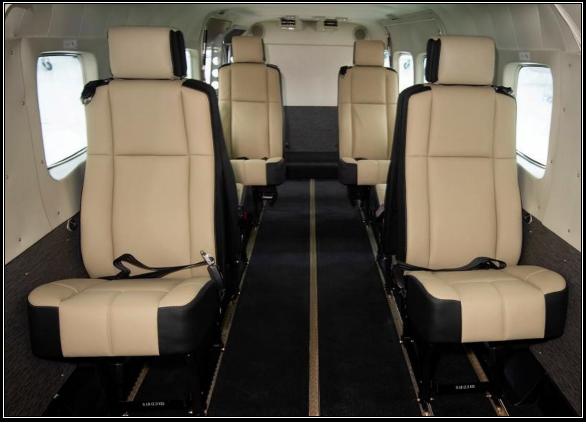


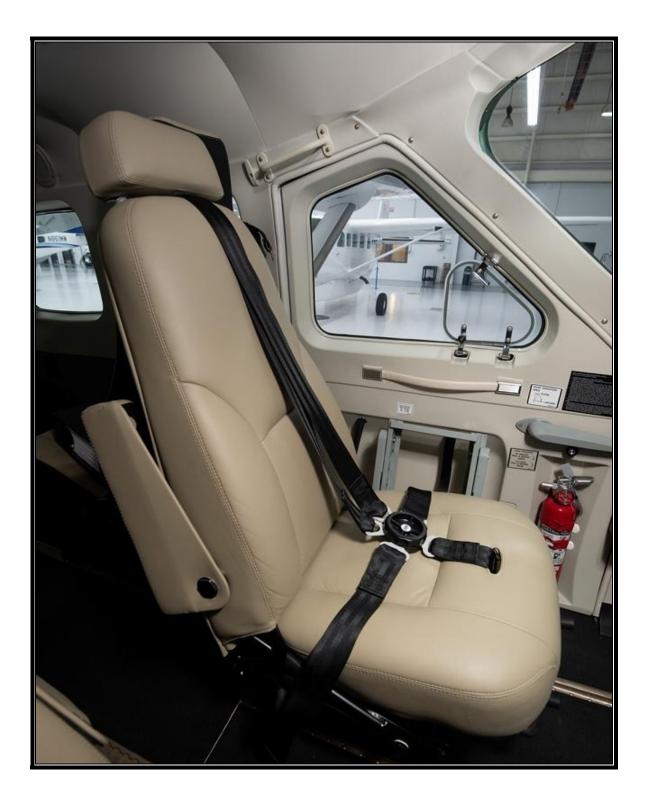




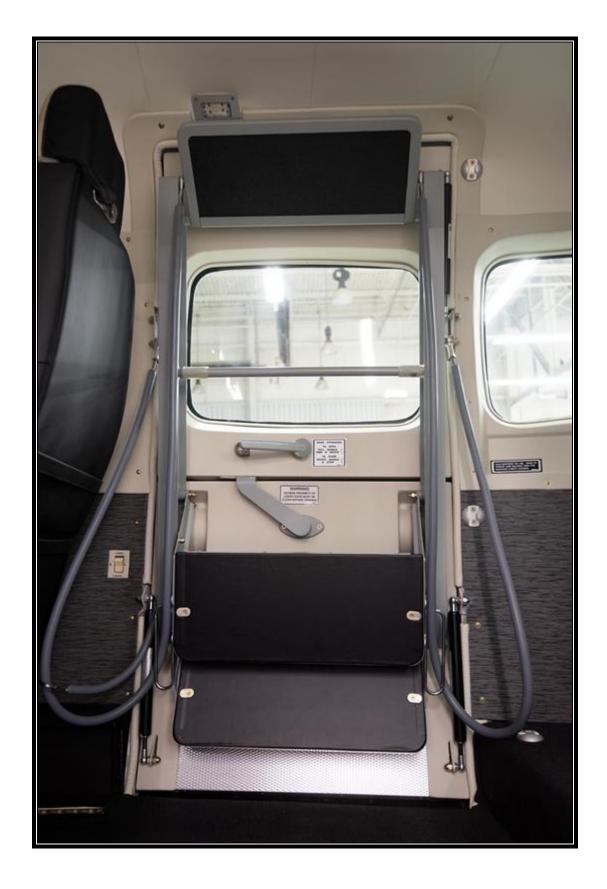


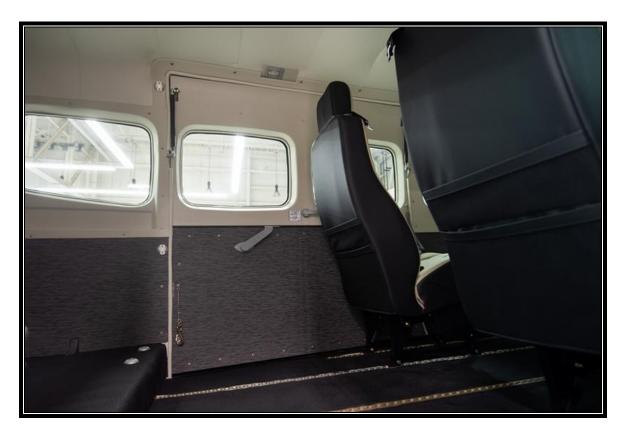








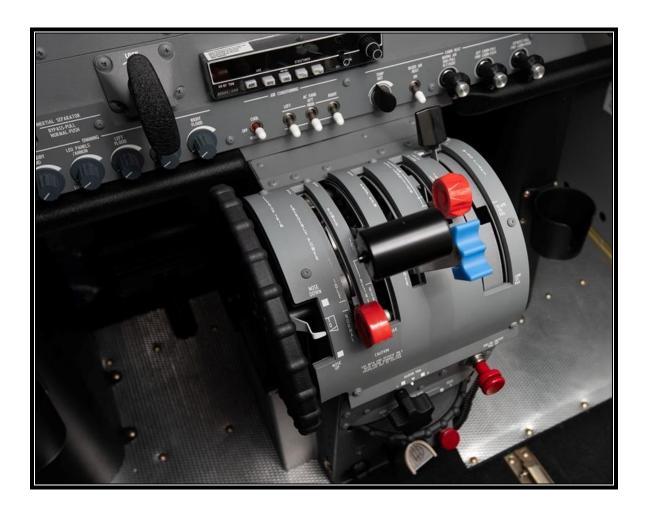










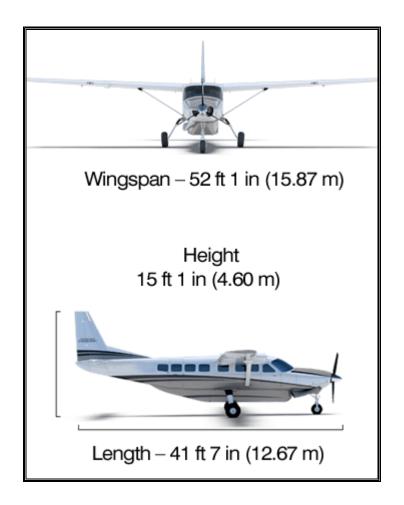








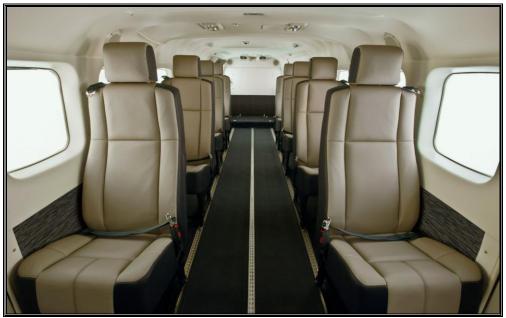




# **Current Double-Club Interior Configuration**:



# **Optional Interior Configuration**:



Above File Photo: The high contrast black and khaki of Canyon is warm and sophisticated

# Cessna 208B Grand Caravan Panel - File Photo:



#### THE ULTIMATE PERFORMER:

The *Grand Caravan* EX plane outperforms all other single-engine utility turboprops, no matter the conditions or the mission. Even with a range of well over 900 nautical miles, a max cruise speed of 185 knots and useful load of more than 3,500 pounds, the rugged, versatile *Grand Caravan* EX turboprop gets in and out of short runways. This makes it the preferred aircraft of regional carriers, charter businesses and special missions operations with remote

INTERIOR DIMENSIONS		
Cabin Height	54 in	1.37 m
Cabin Width	64 in	1.63 m
Cabin Length	21 f t 4 in	6.50 m
Baggage Capacity	320 lb	145 kg
With Cargo Pod	1,410 lb	640 kg
WEIGHTS		
Maximum Takeof f	8,807 lb	3,995 kg
With Cargo Pod	8,807 lb	3,995 kg
Amphibian	9,062 lb	4, 1 1 0 kg
Typical Empty Weight	5, 150 lb	2,336 kg
With Cargo Pod	5,3 10 lb	2,409 kg
Amphibian	5,975 lb	2,71 0 kg
Useful Load	3,692 lb	1,675 kg
With Cargo Pod	3,532 lb	1,602 kg
PERFORMANCE*		
Takeoff Ground Roll	1,399 ft	426 m
(MTOW)		
With Cargo Pod	1,399 ft	426 m
Amphibian (Water Run)	2,000 f t	610 m
Max Climb Rate	1,330 fpm	405 mpm
With Cargo Pod	1,275 fpm	389 mpm
Amphibian	1,2 1 2 fpm	369 mpm
Max Cruise Speed	195 ktas	361 km/h
With Cargo Pod	185 ktas	343 km/h
Amphibian	164 ktas	304 km/h
Max Range	964 nm	1,785 km
With Cargo Pod	912 nm	1,689 km
POWERPLANT		
Manufacturer		Pratt & Whitney Canada
Model		PT6A-140
Thrust		867 shp
MAX OCCUPANTS		10-14**

#### THE ULTIMATE UTILITY VEHICLE

The CESSNA GRAND CARAVAN EX aircraft is known for its dependable and efficient performance by regional airlines, charter operators and cargo carriers worldwide. The Grand Caravan EX turboprop was engineered for challenging missions, high payloads and short, rough runways while delivering single-engine economy and simplicity.

The Grand Caravan EX aircraft has a reputation as a revenue-generator. It carries up to 14 occupants with an increased speed and climb capability, plus a takeoff ground roll of only 1,399 ft. Its powerful Pratt & Whitney Canada engine delivers 867 horsepower for dependable payload performance and superior efficiency. Experience true value with low direct operating costs, a limited warranties and a wide breadth of parts available on demand.

#### Cessna Grand Caravan EX - The multi-talented multi-tasker

# The Cessna Grand Caravan EX's airframe has multiple load redundancies and reliable remote operations.

Whether your mission is freight or airlines, personal, corporate or amphibian, the Cessna Grand Caravan EX is fully equipped to meet all of your needs. It starts with a timeless high-wing design that offers so many practical benefits, including greater stability, superb visibility, sun blocking and inclement weather protection. And like our traditional high-wing single engine aircraft, the Cessna Caravan turboprop is constructed with durable aluminum, making it easy to maintain and repair, with no life limits on airframe.

#### The Cessna Grand Caravan EX Features the Pratt & Whitney Remarkable PT6A-140:

Pratt & Whitney Canada increased the basic Time Between Overhaul (TBO) interval for the PT6A-140 from 3,600 hours to 4,000 hours, and the Hot Section Inspection (HSI) interval from 1,800 hours to 2,000 hours. These improvements benefit operators by increasing flying time and decreasing maintenance costs.

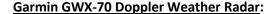
The HSI and TBO extensions for the PT6A-140 enhance performance and reliability, allowing operators to spend more time flying and generating revenue for their businesses.

The PT6A-140 provides operators with 15% more power and 5% better specific fuel consumption than comparable engines.

## Garmin Flightstream 510 Equipped Advanced Connectivity & Revolutionary Avionics Integration:



- Enables Database Concierge wireless avionics database updates.
- Permits 2-way flight plan transfers between compatible apps and avionics.
- Initiate phone calls and send/receive text messages from contacts on your Apple<sup>®</sup> device, using the Garmin Pilot<sup>™</sup> app through your compatible avionics, optional Connext<sup>®</sup> datalink and service plan.
- Streams traffic, weather, GPS information and back-up attitude information from your avionics to select portables and mobile devices.
- Lets mobile devices wirelessly control SiriusXM™ satellite music from any position in the cabin.





With its advanced solid-state transmitter design eliminating the need for life limited magnetron tubes, the GWX 70 comprises the very latest and most reliable technology in onboard weather radar.

## **Scan with Doppler Accuracy**

Bringing full-color storm cell tracking to your compatible Garmin multifunction display, this Doppler-capable weather avoidance tool combines excellent range and adjustable scanning profiles with precision target definition — for accurate, easy-to-interpret, weather analysis in the cockpit. With pilot-adjustable horizontal scan angles of up to 120°, you can easily focus scanning on the areas you want to watch, while vertical scanning lets you focus on storm tops, gradients and cell buildup at various altitudes. Plus, Weather Attenuated Color Highlight (WATCH™) can identify areas beyond the radar's capability that may contain even more hazardous areas of precipitation.

## **Garmin 'SurfaceWatch' Terminal Environment Safety Enabled Technology:**



#### What is Garmin SurfaceWatch?

SurfaceWatch is a runway monitoring technology that provides indications and alerts designed to help prevent pilots from taking off or landing on the wrong runway, a runway that is too short, or a taxiway. During preflight, pilots can enter the takeoff/landing distance performance data, prompting a brief "runway too short" aural annunciation and a visual message on the primary flight display (PFD) if the aircraft is aligned to take off or land on a runway that is too short. SurfaceWatch will also display the remaining runway distance information on the PFD during the takeoff roll and landing rollout. On approach, the system will provide a "check runway" annunciation if the aircraft is aligned with the wrong runway.

This top-level runway monitoring technology provides indications and alerts which can help prevent pilots from taking off or landing on a taxiway, or on a runway that is too short, or on the wrong runway. For example, in the event an aircraft is aligned to take off on a runway that is too short, the flight crew is given a brief "runway too short" aural annunciation and a visual message on the primary flight display (PFD), based on the takeoff/landing distance (TOLD) performance data entered during preflight. While the aircraft is on takeoff roll, runway distance remaining information also is displayed on the PFD.

In the absence of TOLD calculations, pilots can manually enter minimum runway length information in order to receive alerts in the event the aircraft is lined up on the wrong runway. In addition, audible runway distance remaining annunciations are optionally available, providing callouts beginning with 5,000 feet remaining and continuing through 500 feet.

# Honeywell KRA-405B Radar Altimeter:

The KRA-405B radar altimeter (RADALT) is a lightweight, solid-state, airborne altimeter that provides accurate altitude measurements above terrain during various portions of flight. With more than 10,000 produced and sold to date and more than four million service hours, the KRA-405B RADALT has proven to be one of the most reliable and industry proven radar altimeters available.

#### Key Benefits:

Frequency: 4.2 GHz to 4.4 GHz
Operating range: 0 to +2500 feet

- Accuracy: ± 3 ft or ±3%, < 500ft. ±5%, >500ft.
- Analog and digital outputs
- Temperature range: -55°C to 70°C (operating), -55°C to 85°C (non-operating)
- Size: 3"x 3.5"x 11"
- Weight: 3 pounds
- TSO C87/ETSO-2C87 (1997) airborne low-range radio altimeter
- DO-160B (environmental conditions and test procedures for airborne equipment)
- DO-155(minimum performance specification airborne low-range altimeters)
- DO-178B Level A (software considerations in airborne systems and equipment certification)

## Wipaire Single Point Fueling - \$54,850.00:



Adding single point fueling capability makes your fuel stops at airports simpler, safer and faster. This modification enables your Caravan to be fueled by standard fueling trucks at ground level removing the requirement for tall ladders and filling tanks individually. Reduce your fueling time so you can get on to your destination faster!

- Available on floats or wheels
- Compatible with G1000 or resistive fuel systems
- Easy to use digital touch screen control panel
- High precision fuel measurement controls
- Electronic fuel level monitoring for reliable fuel top off
- Measure fuel in gallons, liters, kilograms or pounds
- Master power not required to fuel
- Pilot does not need to be present during refueling
- Eliminate the risk of TKS anti-ice system or wing damage from over-the-wing fueling

# **Single Point Fueling Specifications:**

Installation Weight 42 lbs (19 kg)

Refueling Rate 60 gal/min at 40 psi

Power Requirement 5 amps DC

# **Bendix-King KR-87 ADF:**



The KR 87 maintains its reputation for offering superb dependability. This compact TSO'd unit gives you accurate bearing-to-station in the 200 kHz to 1799 kHz frequency range, complete with ADF, ANT and BFO tuning modes, plus audio output for station identification and monitoring AM broadcasts.

# **General Summary of Pricing & Options as Equipped**

Base Price	\$2,250,000.00
06N Cargo Pod Installation	\$82,300.00
91S Tires, 29" (Exchange)	\$2,150.00
02B Air Conditioning, Cabin System	\$44,500.00
16D 300 Amp Starter / Generator (Exchange)	\$6,800.00
60D Oxygen System, Complete 17 Port System	\$19,550.00
22T TKS Anti-Ice System	\$116,850.00
635M Garmin GTS 825 Traffic Advisory System	\$39,550.00
624E ADS-B Out and In Functionality w/Single GTX 345	\$6,075.00
629V Garmin GWX 70 - 4 Color Digital Weather Radar	\$38,425.00
650C TAWS-B Garmin	\$14,500.00
175H C 406-N 3 Frequency ELT (Exchange)	\$12,975.00
668N KR-87 ADF	\$11,400.00
10-Place Premium Canyon Interior	\$54,600.00
KRA 405B Radar Altimeter	\$27,500.00
Surface Watch - Garmin	\$8,200.00
Single Point Refueling STC	\$54,850.00
Garmin Search & Rescue	\$9,450.00
XM Satellite Weather / Entertainment	\$17,275.00
Video Enablement Card	\$3,500.00
	\$2,820,450.00

Specifications subject to verification by the purchaser and are not guaranteed for accuracy and purchaser should rely on their own inspection as aircraft is sold "As is - Where is"



















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The offer for sale of this aircraft is subject to contract and the aircraft may at any time be withdrawn from the market without prior notice. Specifications subject to verification by the purchaser and are not guaranteed for accuracy and purchaser should rely on their own inspection as aircraft is sold "As is - Where is"