CESSNA SKYCOURIER



Cessna | Beechcraft
BY TEXTRON AVIATION

Cessna SkyCourier

First Flight: May 17th 2020

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Cessna SkyCourier

P1 First Flight: August 10th 2020



Cessna SkyCourier

P2 First Flight: September 28th 2020



Cessna SkyCourier

Flight Test Aircraft

Pre-Production #2 (P2)

- Hot & cold weather testing
- Interiors & environmental
- Human factors

Prototype

- Aerodynamics testing
- Flight envelope
- Performance

Pre-Production #1 (P1)

- Engine testing
- Avionics & systems
- Backup to Prototype



2,100+ total fleet flight test hours!

FAA Certification Achieved



March 11th, 2022

Delivery of the First Production Aircraft



May 9th, 2022

Cessna SkyCourier

CE-408 Cargo/Passenger Versions

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FREIGHTER

- Large 87” x 69” (2.2 m x 1.75 m) cargo door
- Low door sill height for easy loading
- Flat floor cabin featuring multiple anchor locations
- Carry up to three LD3 pallets
- Rigid cargo barrier with available cargo roller system



PASSENGER

- Productive 19 seat layout
- Large windows for natural light and clear views
- Crew and passenger doors for smooth boarding
- Spacious stand-up cabin with flat floor
- Large baggage area with optional overhead baggage bins



Cessna SkyCourier

Freighter Variant

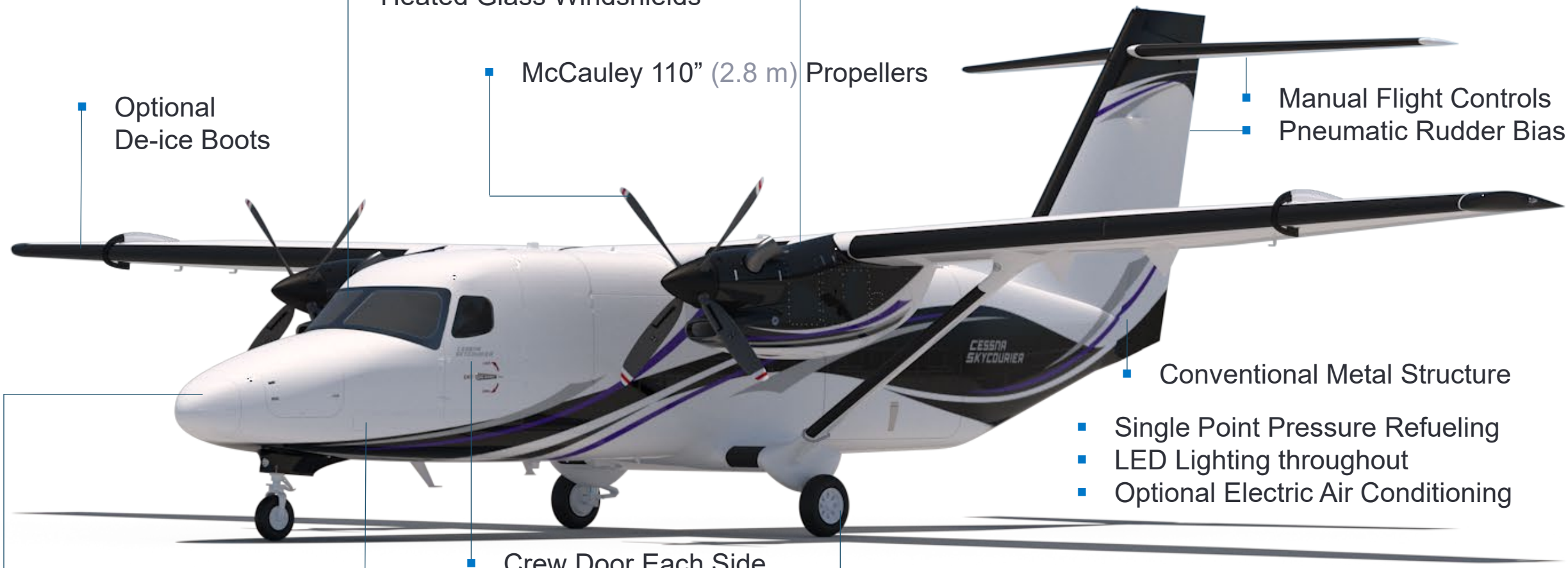
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Cessna SkyCourier

Design Features

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- Heated Glass Windshields
- P&WC PT6A-65SC Powerplants
- McCauley 110” (2.8 m) Propellers
- Optional De-ice Boots
- Manual Flight Controls
- Pneumatic Rudder Bias
- Conventional Metal Structure
- Single Point Pressure Refueling
- LED Lighting throughout
- Optional Electric Air Conditioning
- Garmin G1000 Nxi
- Optional Weather Radar
- Crew Door Each Side
- External Electrical Power Port (Ground Service Bus)
- Fixed Landing Gear
- Manual Brakes and Nosewheel Steering

Simple | Robust | Reliable

Cessna SkyCourier

Overall Dimensions



Wingspan	72 ft. (21.95 m)
Length	55 ft. (16.76 m)
Height	21 ft. (6.40 m)





Cessna SkyCourier

Super-wide Cargo Door

Large 87” x 69” (2.2 m x 1.75 m) cargo door

Low doorsill height

Easy loading



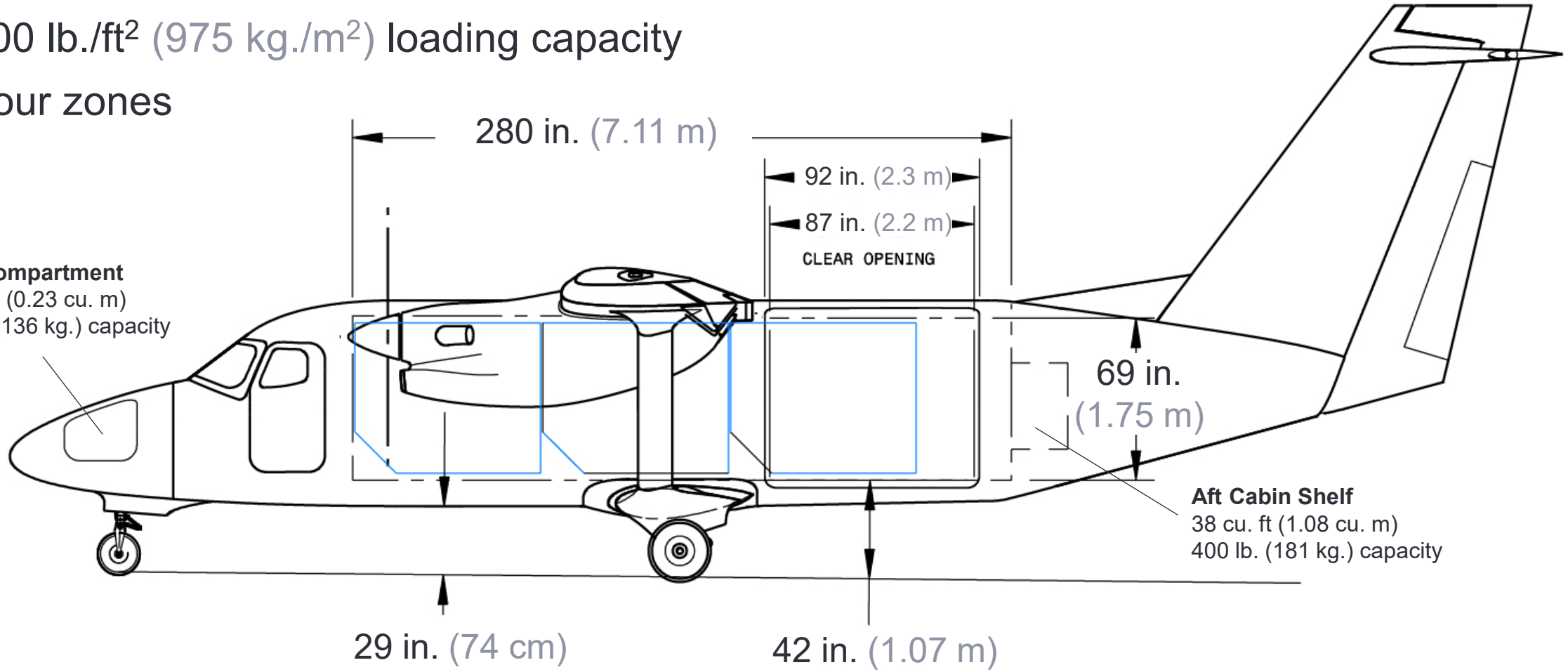
Cessna SkyCourier

Cargo Arrangement

884 cu. ft (25.0 cu. m) cargo volume

200 lb./ft^2 (975 kg./m^2) loading capacity

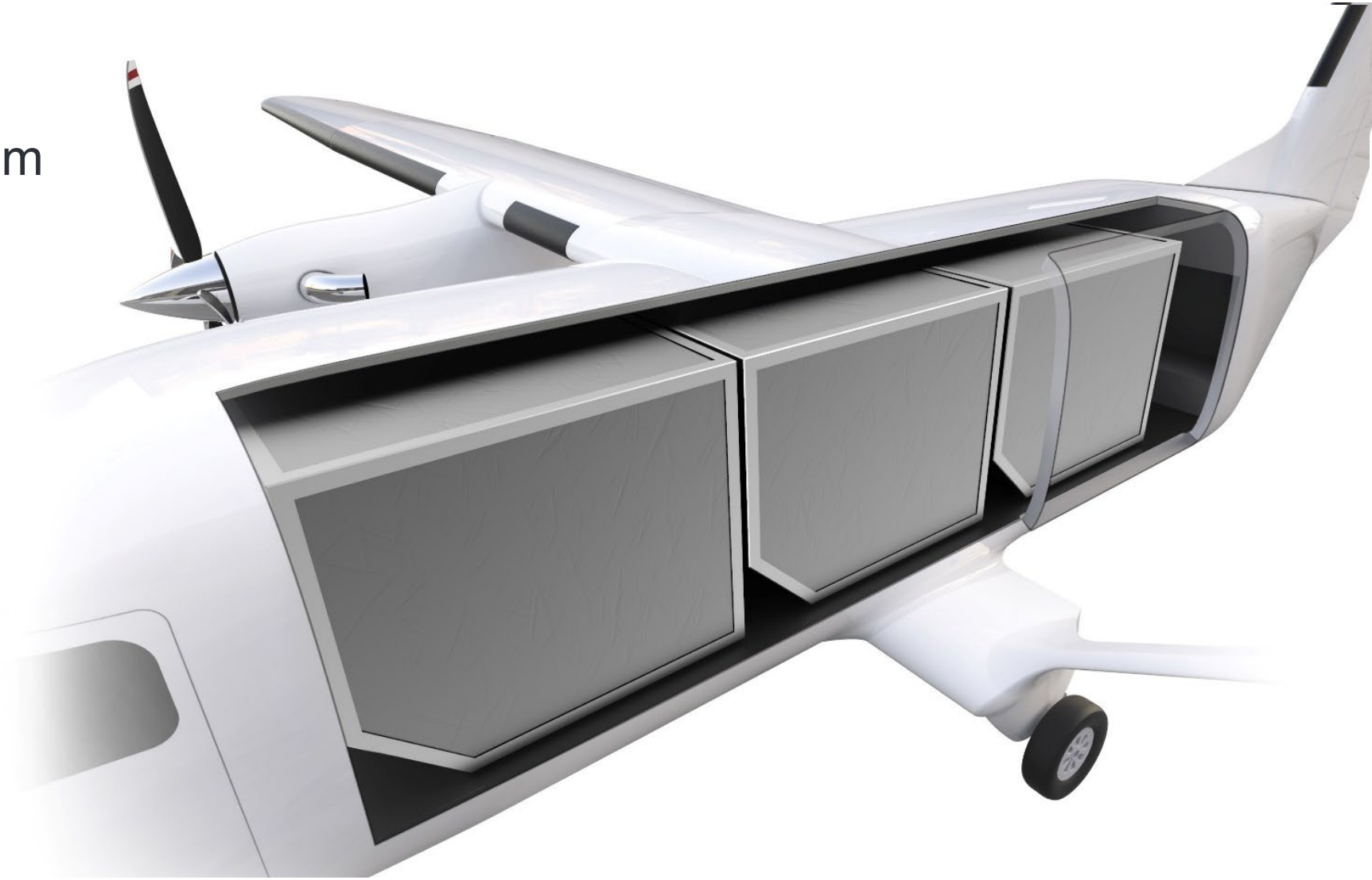
Four zones



Cessna SkyCourier

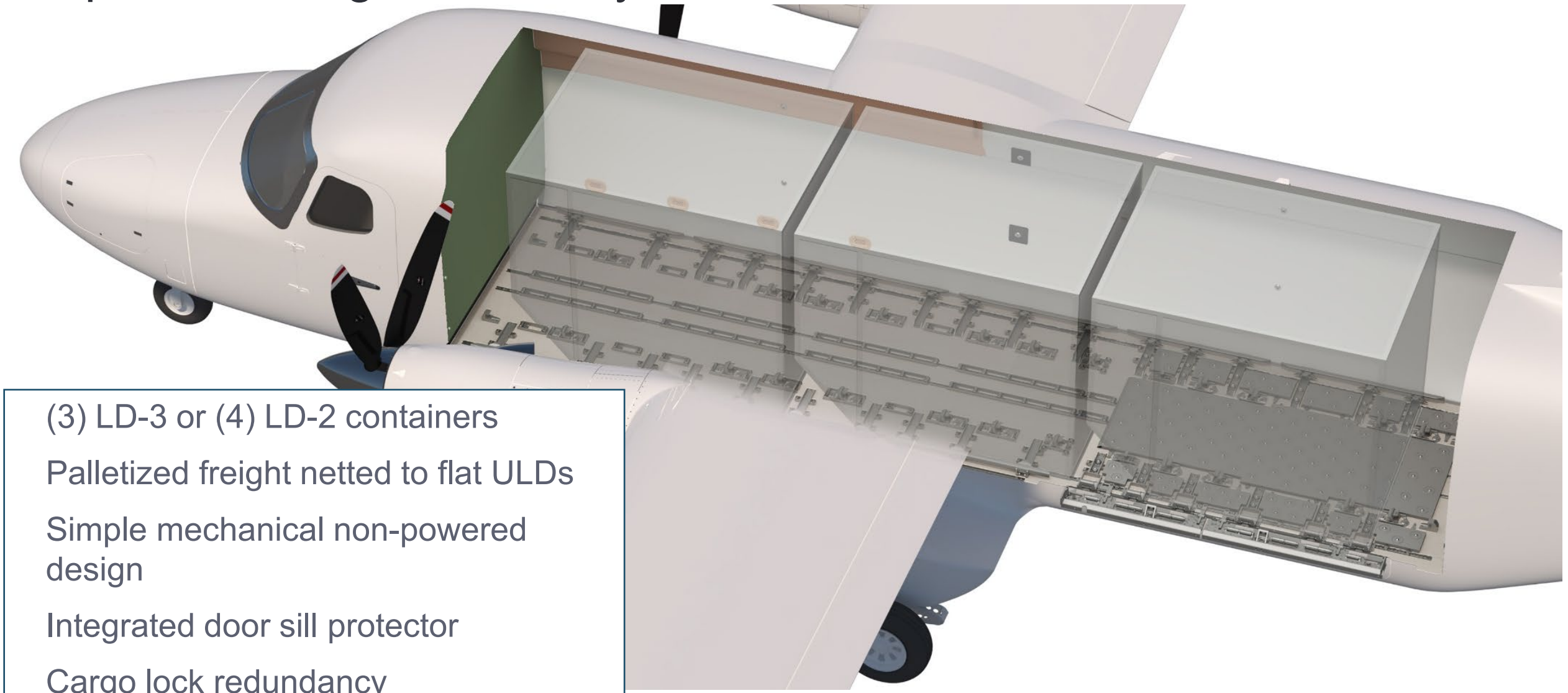
Freighter Interior (LD3 containers)

- Three LD3 Containers
- Optional floor roller system
- Cargo barrier



Cessna SkyCourier

Optional Cargo Roller System



- (3) LD-3 or (4) LD-2 containers
- Palletized freight netted to flat ULDs
- Simple mechanical non-powered design
- Integrated door sill protector
- Cargo lock redundancy

75%
75%


75%
LD2
P BASE

Cessna SkyCourier

Freighter Interior (cargo nets)

884 cu. ft (25.0 cu. m) cabin v

6,000 lb. (2,722 kg.) capacity

200 lb./ft^2 (975 kg./m^2) loadin

Four zones

Nose compartment

- 18 cu. ft (0.23 cu. m)
- 300 lb. (136 kg.) capacity



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Passenger Variant

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Design Features – Passenger Variant



Simple | Robust | Reliable

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Cabin Layout – 19 Passenger Variant

6 ft. 2 in. (1.88 m) cabin width

5 ft 11 in. (1.80 m) cabin height

19 lightweight seats

- 32 in. (81 cm.) seat pitch
- 15 in. (38 cm) aisle width

Under-seat stowage

Large rear baggage area



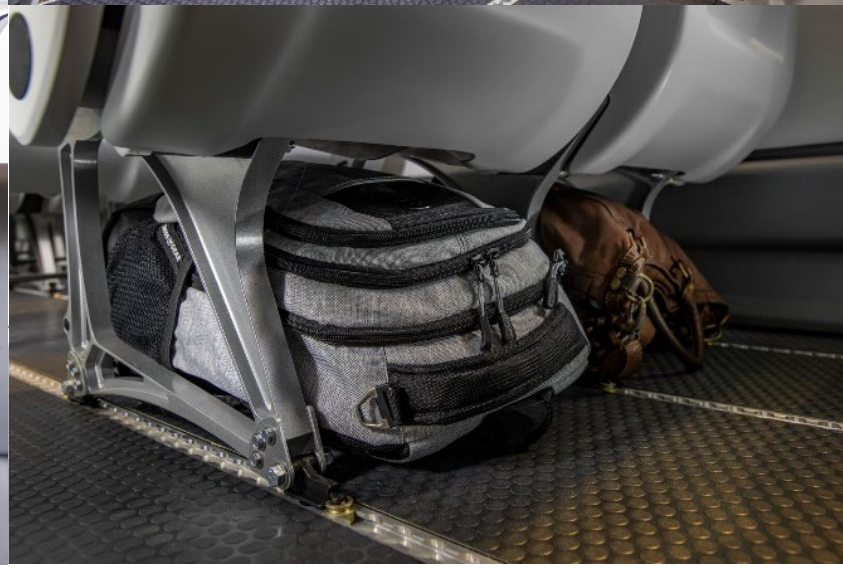
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Cabin Features

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Overhead Bin Option – 19 Passenger Variant

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Sidewall mounted PSUs

Optional removable bins

Bin capacity (each)

- 7.65 cu. ft (0.22 cu. m)
- 60 lb. (27 kg) baggage.

Total for the five bins

- 38.24 cu. ft (1.08 cu. m)
- 300 lb. baggage. (136 kg)

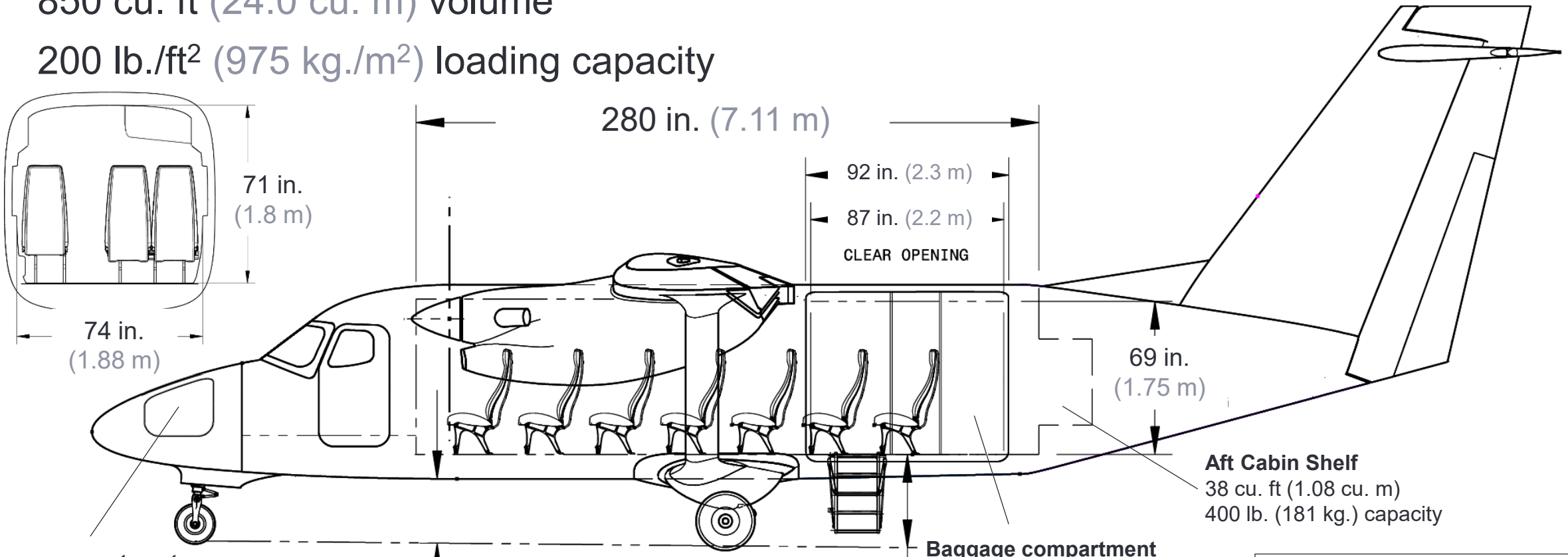


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Passenger Arrangement

850 cu. ft (24.0 cu. m) volume

200 lb./ft^2 (975 kg./m^2) loading capacity



Nose compartment
18 cu. ft (0.51 cu. m)
300 lb. (136 kg.) capacity

Aft Cabin Shelf
38 cu. ft (1.08 cu. m)
400 lb. (181 kg.) capacity

Baggage compartment
130 cu. ft (3.68 cu. m)
1,200 lb. (544 kg.) **total** capacity

8.84 cu. ft (0.25 cu. m) per passenger
63 lb. (28.6 kg) per passenger

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Passenger to Freighter Conversion Option

Remove baggage net



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Passenger to Freighter Conversion Option



Cabin Layout – ‘Combi’ Conversion Option

- Satisfies Part 135 Scheduled Operations
- Satisfies TSA requirement for inaccessible baggage
- Interior easily removed for freighter operations
- 9 seats + cargo
- Forward entry



Passenger steps



Maximum Versatility

Cessna SkyCourier

Passenger to Combi Conversion Option

Remove baggage net



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Passenger to Combi Conversion Option



- 1 crew if 0-9 pax
- 2 crew if 10-12 pax
- Pax O2 can’t be used
- Aircraft limited to <15,000ft

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Forward Passenger Steps for Combi







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Optional Gravel and Dirt Runway Operations

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Optional Gravel and Dirt Runway Operations



Gravel & Dirt Runway Kit includes:

- Nose wheel fender
- Main wheel fenders
- TCAS antenna protection shield
- New VHF COM2 antenna with leading edge protection

Protects aircraft from flying runway debris during taxi, takeoff, and landing.

Includes AFM Supplement providing takeoff and landing performance data.

Hardware adds approx. 20 lb.

Option List Price: $65,500 (2025$)

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Specifications (CE-408)

Max Take-off Weight	19,000 lb.	8,618 kg.
Max Landing Weight	18,600 lb.	8,437 kg.
Basic Operating Weight (1 pilot)	11,200 lb.	5,080 kg.
Max Usable Fuel	4,826 lb.	2,726 ltr.
Max Payload (Freighter)	6,000 lb.	2,722 kg.
Max Payload (Passenger)	5,000 lb.	2,268 kg.
Max Passengers	19	19
Takeoff Field Length (MTOW, SL, ISA)	3,660 ft.	1,116 m.
Max Cruise Speed	210 ktas.	389 km/hr.
Max Range	940 nm.	1,741 km.
Cargo Range (with 5,000 lb. (2,268 kg) payload)	400 nm.	741 km.
Service Ceiling	25,000 ft.	7,620 m.



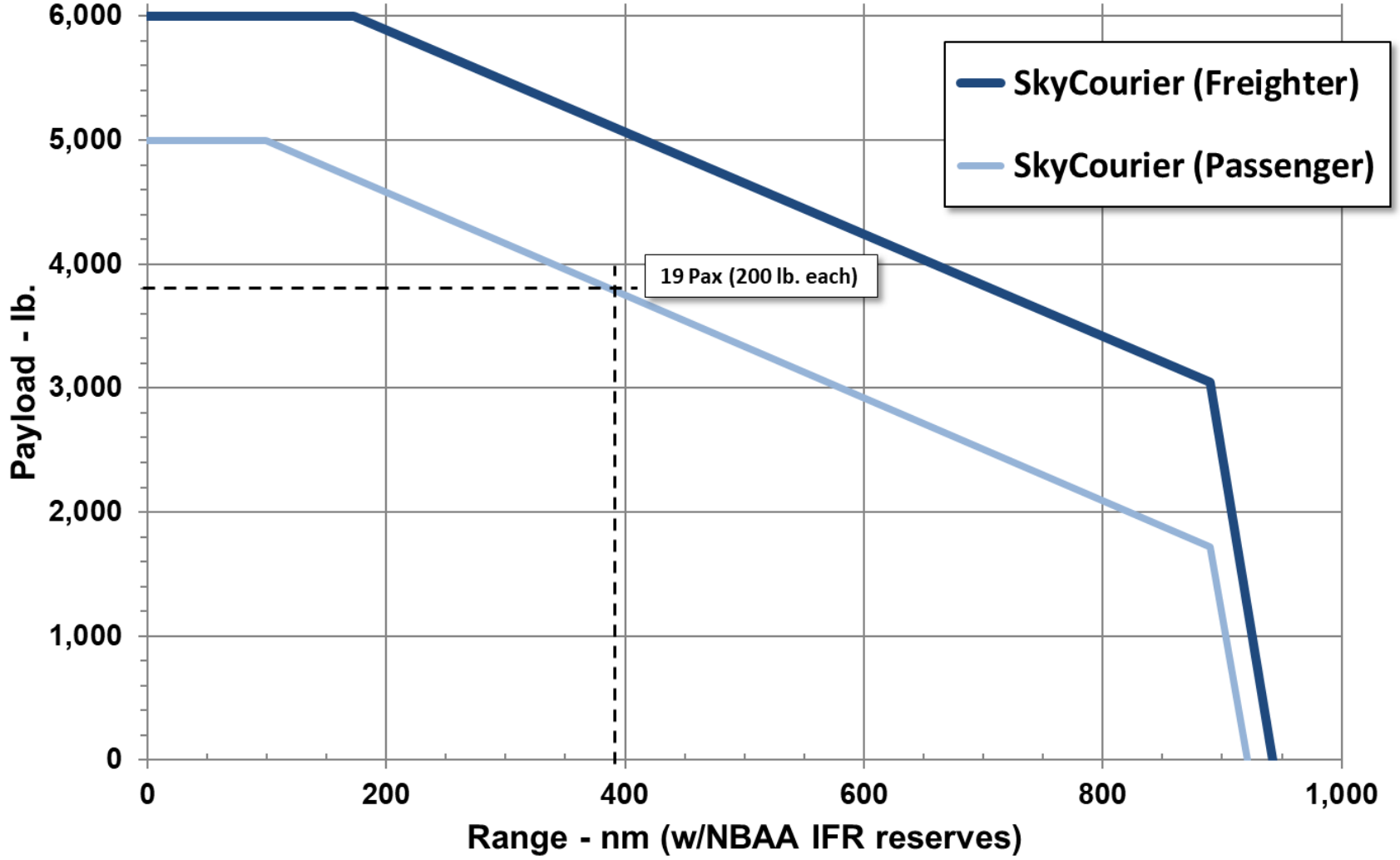
* Performance data is based on standard conditions with zero wind. Field performance assumes a level, hard surface, dry runway. Max Range and Cargo Range assume Long Range Cruise at 10,000 ft and NBAA IFR reserves. Cargo Range also assumes cargo configuration and 5,000 lb. payload.

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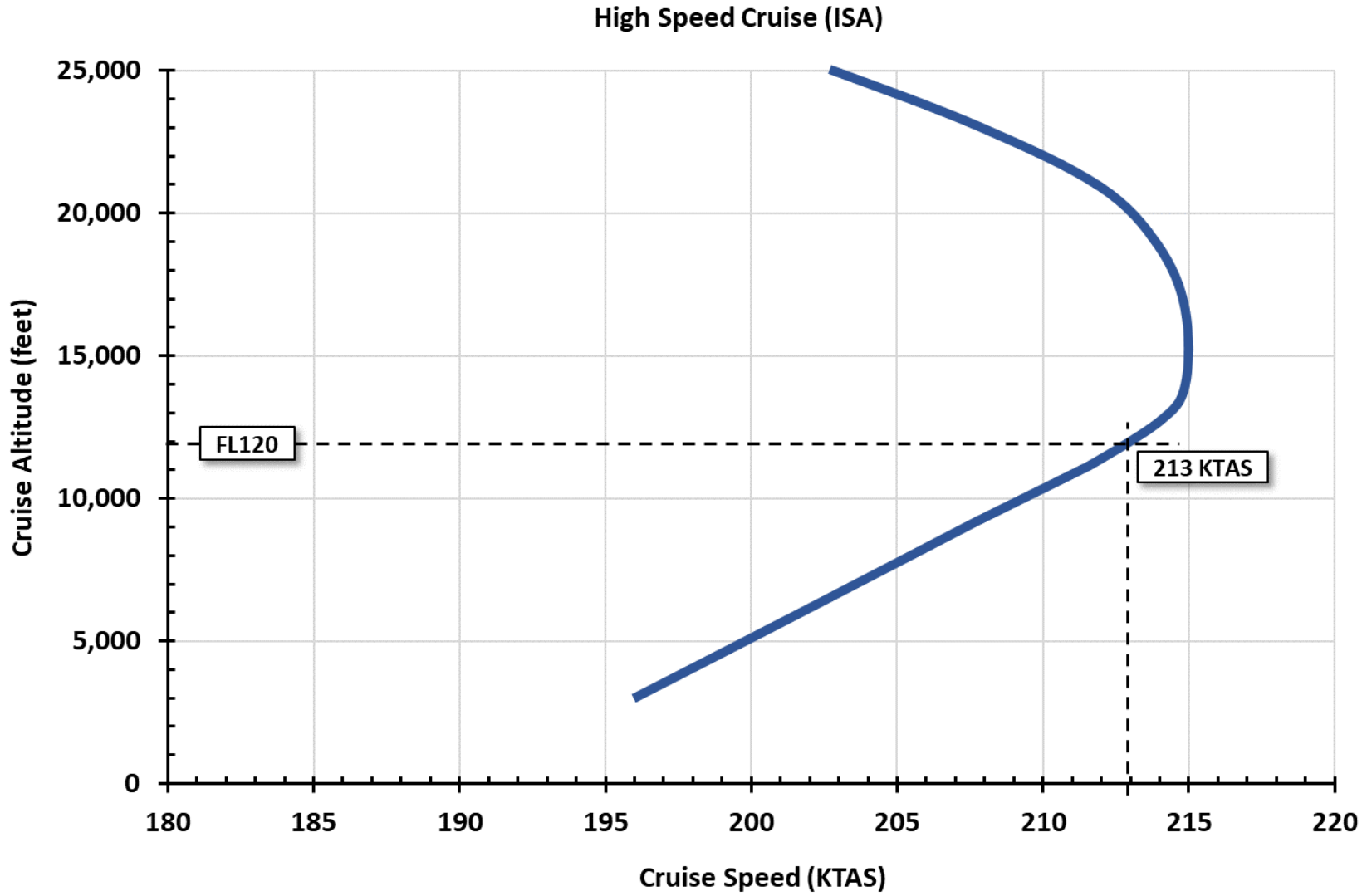
Performance



Payload vs Range



Cruise Speed



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Easy Crew Access

- Large access doors (both sides)
- Fold down steps
- Sturdy hand grips



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Flight Deck

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- Single pilot operation certified
- Garmin 1000 NXi Avionics Suite
  - Engine Indicating System
  - Crew Alerting System
  - Charts and Maps (subscription)
  - Optional Synthetic Vision
  - Optional Wireless Connectivity
- Three Hi-Res Flight Displays
  - 12-inch (30 cm) Displays
- Fully Adjustable Crew Seats
- LED Illuminated Panels
- Dual USB Power Ports



Cessna SkyCourier

FlightSafety/Textron Aviation Training - Wichita





Cessna SkyCourier

P&WC PT6A-65SC Powerplant

1,100 SHP up to ISA+30°C

Optimized for low altitude/high cycle operations

Class leading 6,000 hr TBO

Proven dispatch reliability

Can operate using Sustainable Aviation Fuel (SAF)

New SC enhancements

- Sensors for no ladder preflight
- No fuel anti-icing additives required
- Torque limiter unit
- Durability improvements

FASTBox hardware standard

- Near Real-Time Engine Health, Usage and Trends
- Auto Wireless Data Transmission (optional datalink)
- Driving On-Condition HSI and Predictive Maintenance



PT6A-65SC Comprehensive Engine Program

Hot Section Inspection/Overhaul
Scheduled Line Maintenance
Engine repair (basic unscheduled)
Fuel Nozzles Refurbishment
Technical Publications Renewal
Oil AT Subscription
4 Compressor washes

$166.45/hr (each)

McCauley Propeller

110 inch (2.8 m) diameter with scimitar tips

Four aluminum blades

BlackMac airfoil optimized for SkyCourier climb & cruise

McCauley's single piece, oil filled hub

Ground clearance: 48 inches (1.22 m)

Optional electric heated boots ice protection

Time Before Overhaul (TBO)

- 6,000 hours



Maintenance Highlights

MSG3 derived task-based maintenance program

Base inspection intervals of 800 hours / 18 months

- Some limited engine inspection items at 400 hours (e.g. fuel nozzle refurb.)

Airframe design service life goal of 30,000 hours or 40,000 flights

Stainless steel Main Landing Gear with 28,000 landings design service life

Nose landing gear 20,000 landings

Rudder-Bias Strut Assembly 15,000 hours

Cessna SkyCourier

Maintenance Planning Document

Annual Utilization Requirement:

200-1300 Flight Hours

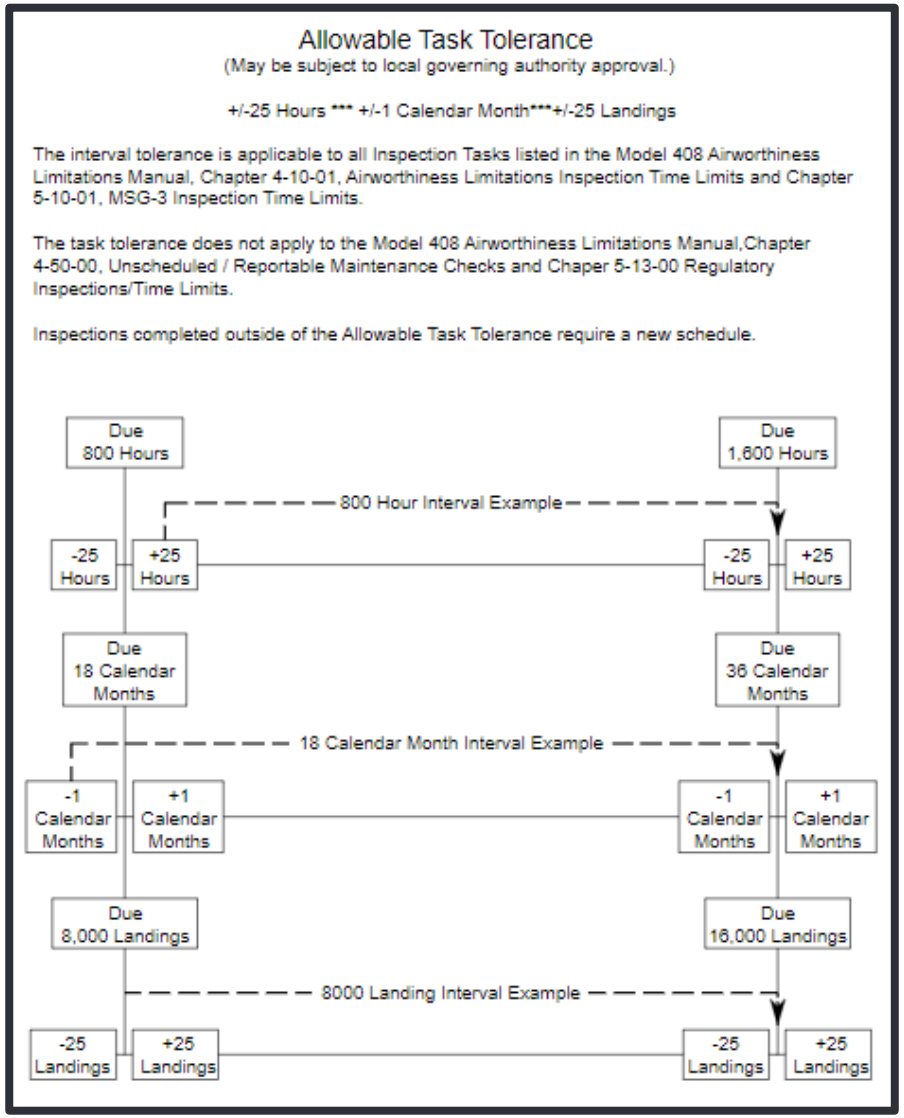
Task Tolerance:

(+/- 25 Landings, +/- 25 Flight Hours, +/- 1 Month)

Task Findings:

Required as a part of each task completion

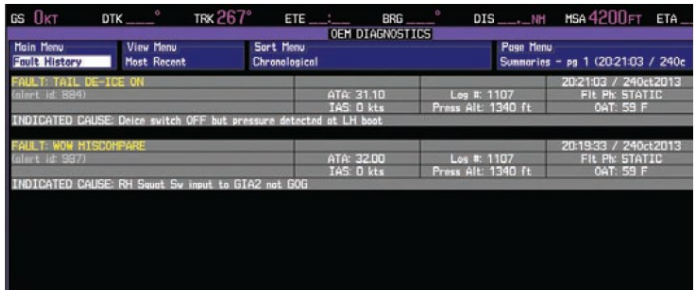
Corrosion Prevention & Control Program Information



Diagnostic and Maintenance Systems

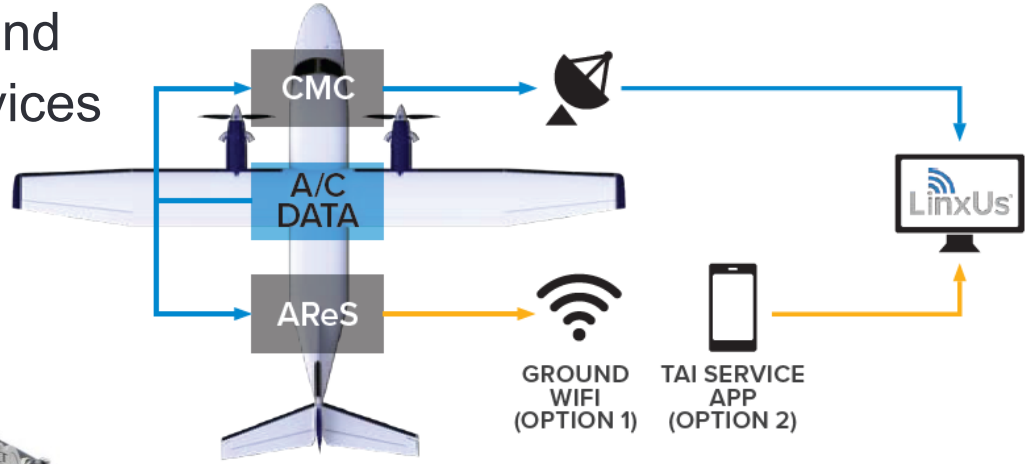
Garmin Central Maintenance Computer

- Event driven recorder
- Exceptional diagnostic capabilities and fault resolution



Aircraft Recording System (AReS II)

- Full-time data recorder
- Detailed diagnostics transferable by wi-fi to ground
- Flight Operation Quality Assurance (FOQA) services



FAST Box Recorder

- Near real-time engine health
- Usage and trend monitoring on each engine
- Analysis* provides on-condition HSI



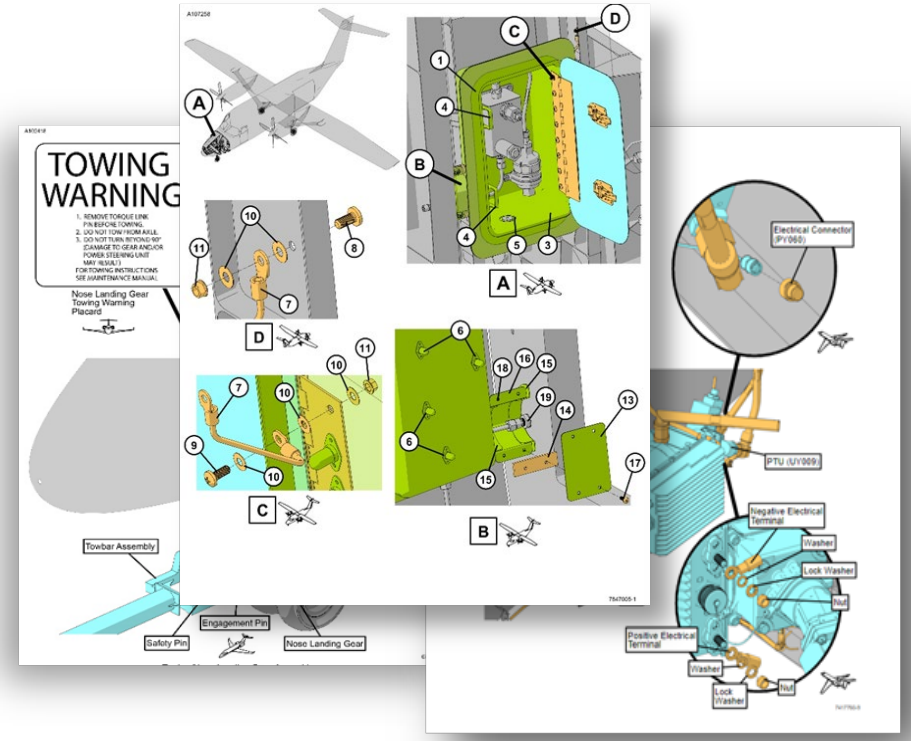
* Subscription based service

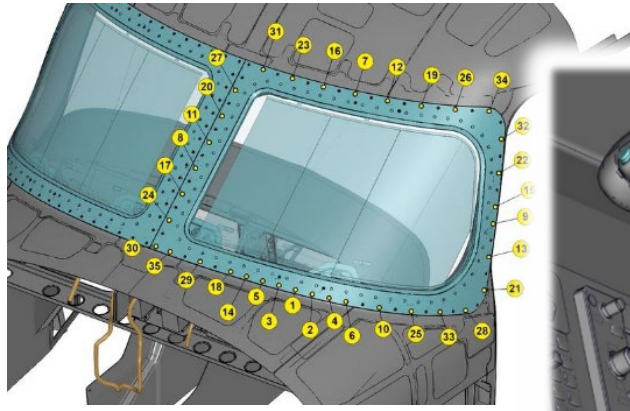
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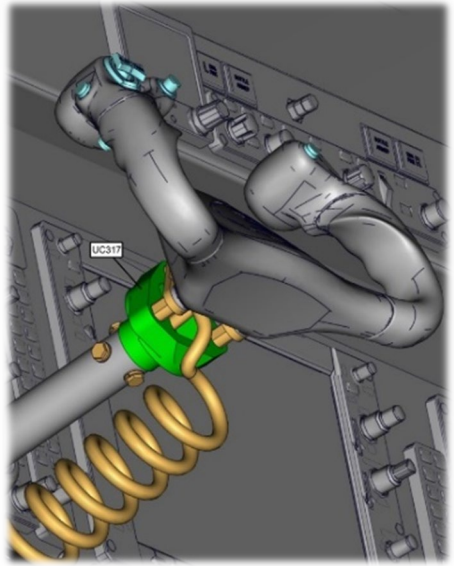
Industry-First Interactive 3D Manuals

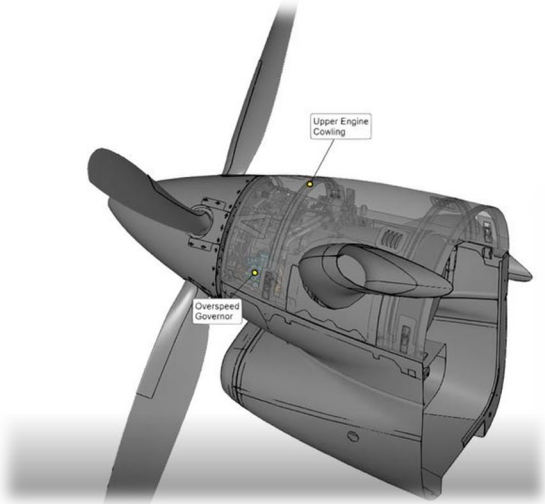
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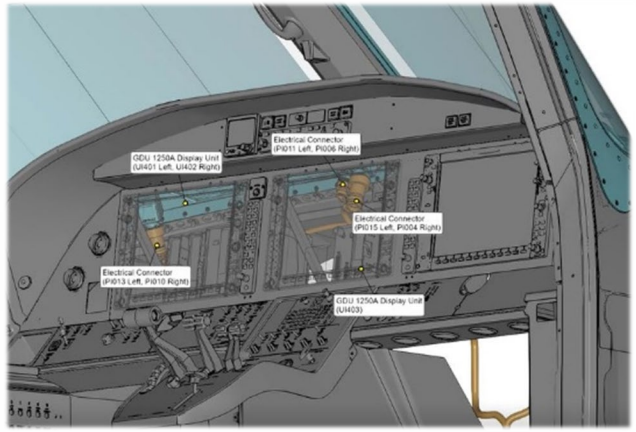
- Leading edge color 2D aesthetics
- Animated and fully interactive
- Compatible with multiple browsers/mobile apps
- No plug-ins required











Estimated Cost of Operation (2026$) - Freighter

Fuel:	Cessna SkyCourier
$4.50 per U.S. Gallon ($1.19 per liter)	715.50
(Gallons per Hour / Liters per Hour)	(159 / 602)
Maintenance Cost ($):	
Labor - @ $75.00 per Man-hour	25.50
(Man-hours per Flight hour)	(0.34)
ProParts cost – airframe, avionics, propeller	152.40
Engine Restoration ($):	
Engine Maintenance Program + FastBox Subscription	365.90
Total Direct Operating Costs per Hour ($):	**$1,259.30**
Average Speed (300 nm mission at 10,000 ft)	205
Cost per Nautical Mile ($)	$6.14
Cost per Freight Ton per Nautical Mile ($)	**$2.05**

Cost average for first five years

Estimated Cost of Operation (2026$) - Passenger

Fuel:	Cessna SkyCourier
$4.50 per U.S. Gallon ($1.19 per liter)	715.50
(Gallons per Hour / Liters per Hour)	(159 / 602)
Maintenance Cost ($):	
Labor - @ $75.00 per Man-hour	27.75
(Man-hours per Flight hour)	(0.37)
ProParts cost – airframe, avionics, propeller	162.40
Engine Restoration ($):	
Engine Maintenance Program + FastBox Subscription	365.90
Total Direct Operating Costs per Hour ($):	**$1,271.55**
Average Speed (300 nm mission at 10,000 ft)	205
Cost per Nautical Mile ($)	$6.20
Cost per Seat Mile ($)	**$0.33**

Cost average for first five years

Cessna SkyCourier

SustainableAdvantage™

Carbon offset program focusing on balancing aircraft CO_2 emissions with CO_2 reduction projects

Projects	Standard	Description
Rainier Gateway Forestry Project, USA	American Carbon Registry	Maintaining forest stocks through sustainable management
Cookstove Project, Malawi	Verified Carbon Standard	Distribution of improved cookstoves, reducing pollution and deforesting
Bundled Solar, India	Verified Carbon Standard	Energy security and grid diversification
Solar Power, India	Gold Standard	Installation of solar and replacement of GHG emitting power plants

Benefits:

- 24/7 Account details online
- Dedicated ProAdvantage analyst
- CORSIA (ICAO carbon offsetting program) eligible
- Official 4Air carbon neutral certificate earned each year

Program Cost: $15 per flight hour

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