



BY TEXTRON AVIATION

Textron Aviation

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1

Textron Overview



- Textron Inc. is a multi-industry company that leverages its global network of aircraft, defense, industrial and finance businesses to provide customers with innovative solutions and services.



2

2

Business Segments & Core Brands



Textron Aviation



Bell



Industrial



Textron Systems



TEXTRON Systems



Finance



TEXTRON FINANCIAL

3

3

Innovations in Advanced Air Mobility



- Global leader in Fixed, Rotary and Tilt-rotor aircraft
- Investing and enabling Advanced Air Mobility technology in current and future aircraft
- New Textron eAviation division: develop new opportunities
- Working in conjunction with SurfAir to support STC development of hybrid electric propulsion Caravan aftermarket solution
 - SurfAir stated a targeted certification in 2024
- Positioned to lead the future in cargo, passenger and commercial markets



Bell 525
Fly-By-Wire



Bell V-280 Valor
Optional Piloting



eAviation
Hybrid Electric Propulsion



Cessna SkyCourier/McCauley
Airframe/Propeller Technology

4

Textron Aviation

For more than 90 years, Textron Aviation has empowered our collective talent across the Beechcraft, Cessna and Hawker brands to design and deliver the best aviation experience for our customers.

Textron Aviation has the most versatile and comprehensive aviation product portfolio in the world and a workforce that has produced more than half of all general aviation aircraft worldwide.

Products include best-selling aircraft such as:

- Citation business jets
- King Air and Caravan turboprops
- Cessna and Beechcraft pistons
- T-6 military flight trainer



5

The broadest product lineup in the industry

PISTONS



Turbo Stationair HD



Baron G58



Skylane



Bonanza G36



Skyhawk

TURBOPROPS



Caravan



King Air 360/ER



Grand Caravan EX



King Air 260



Denali



Cessna SkyCourier

JETS



Citation CJ4 Gen2



Citation Longitude



Citation CJ3+



Citation Latitude



Citation M2 Gen2



Citation XLS Gen2

DEFENSE



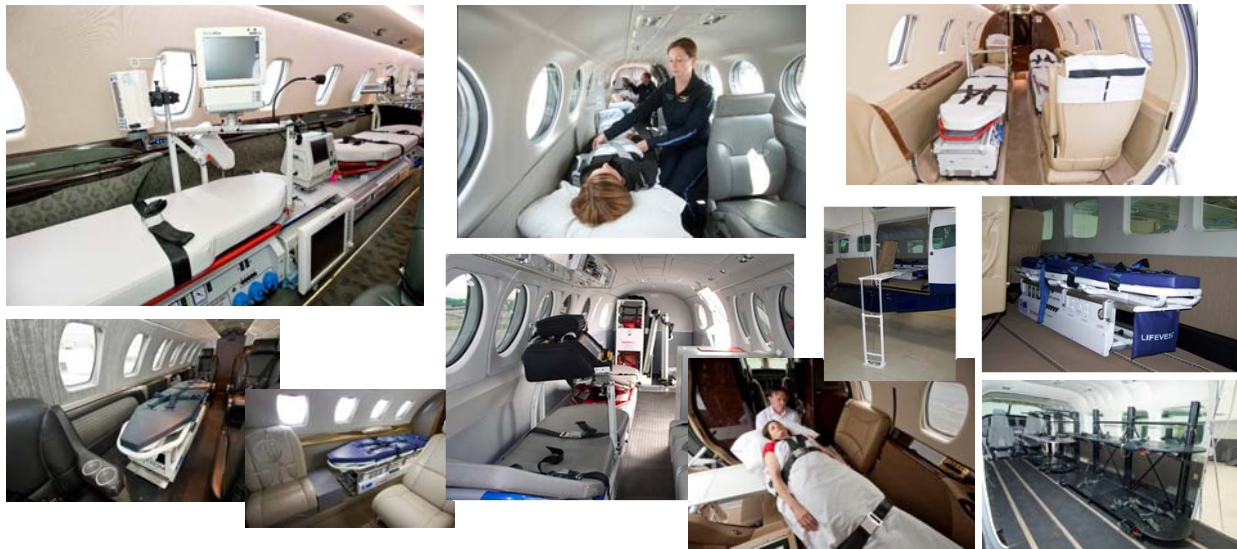
AT-6



T-6C

6

Medevac – Dedicated or Reconfigurable



7

Adaptability for Humanitarian Support

- Over a two-day period in April 2020, Cessna Grand Caravan aircraft were flown on multiple missions to transport 76,000 N95 masks to the Brazilian state of Rondônia.
- Rondônia is located in the Amazon forest, with dense jungle foliage ideally suited for the Grand Caravan's large, rough-field tires and rugged landing gear for operations from grass, dirt or gravel air strips.



Providing COVID-19 support in Brazil

8



New Beechcraft Denali

- 6-9 seat interiors
- 285 KTAS
- 1,600 nm range w/4 pax
- Single pilot

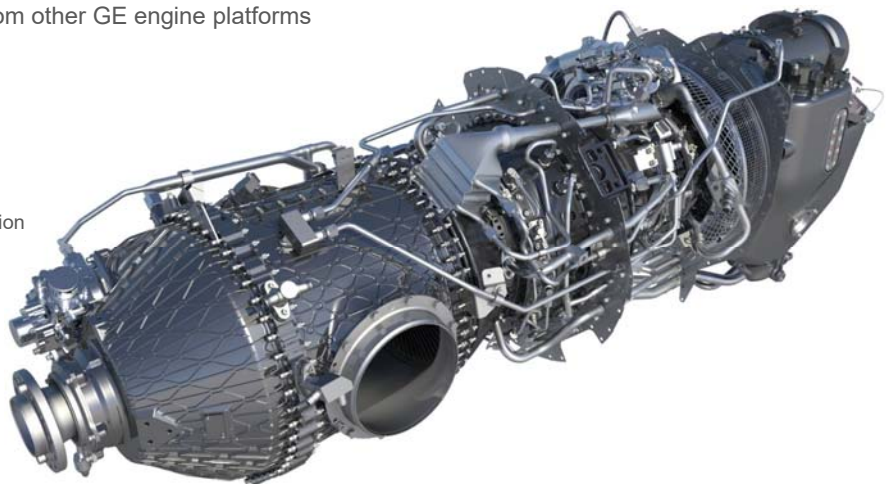


9



GE Aviation Catalyst Engine

- Utilizes technologies from other GE engine platforms
- 1,300 shp
- Initial 4,000 hr TBO
- FADEC control
 - Reduced pilot workload
 - Reduced fuel consumption
 - Lower emissions



10



Introducing the Cessna SkyCourier – Twin Engine Utility Aircraft



11



CE-408 Freighter/Passenger Versions

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 containers/pallets
- Rigid cargo barrier with optional 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



12



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



1,500+ total fleet flight hours!

13



Super-wide Cargo Door

- Large **87"** x **69"** (2.2 m x 1.75 m) cargo door
- Low doorsill height
- Easy loading



7 feet 3 in. (2.2 m) wide
5 feet 9 in. (1.75 m) tall

14

Freighter (cargo nets)

- 884 cu. ft (25.0 cu. m) cabin volume
- 6,000 lb. (2,722 kg.) capacity
- 200 lb./ft² (975 kg./m²) loading
- Four zones
- Nose compartment
 - 18 cu. ft (0.23 cu. m)
 - 300 lb. (136 kg.) capacity



15

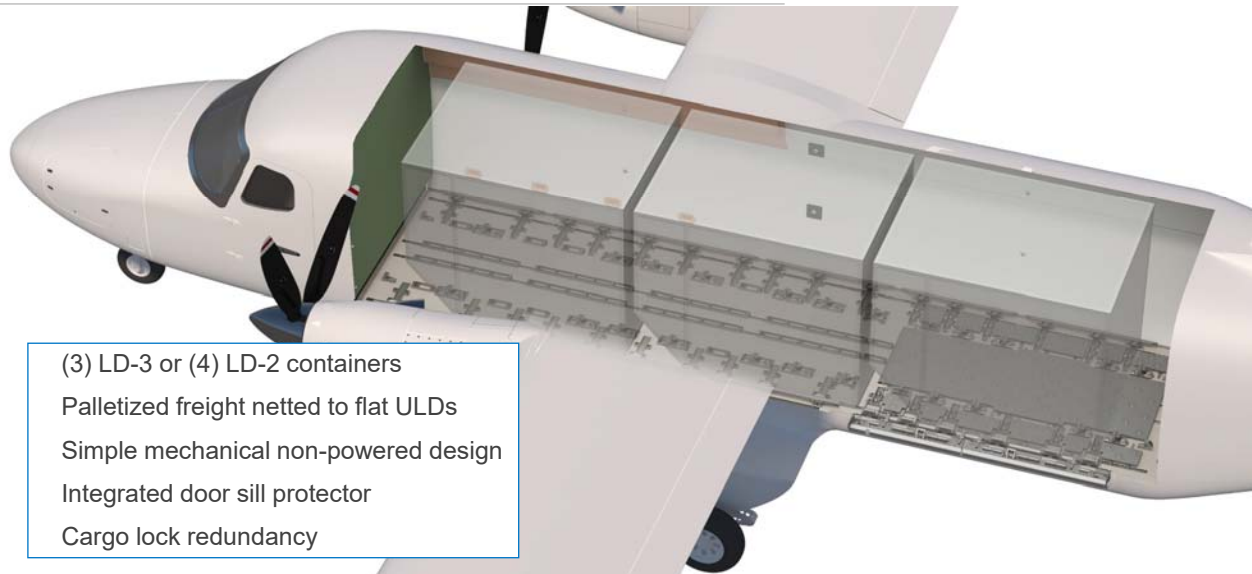
Freighter Interior (LD3 containers)

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



16

Optional Cargo Roller System

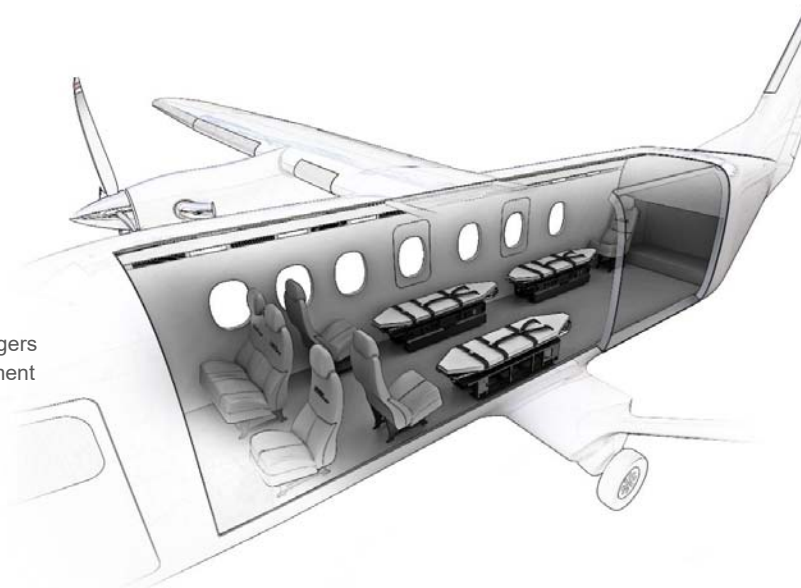


- (3) LD-3 or (4) LD-2 containers
- Palletized freight netted to flat ULDs
- Simple mechanical non-powered design
- Integrated door sill protector
- Cargo lock redundancy

17

MEDEVAC

- OEM Provisions
 - Slick Interior
 - Power Provisions
 - Avionics/Comms
 - Increased Electrical Capacity
- Medevac Capability
 - One or two powered sleds
 - Additional non-powered sleds
 - Combi configurations with passengers
 - Large cabin allows ease of movement
 - Operate from short, unimproved runways



18

MEDEVAC/CASEVAC

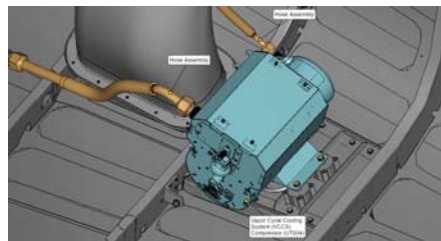


19

Maintenance Innovations - new to this segment



- MSG-3 derived task-based maintenance program
 - Base inspection intervals of 800 hours/18 months. Will have some limited engine inspection items at 400 hours.
- On-board maintenance and diagnostic system includes both event driven Central Maintenance Computer (CMC) and full time data diagnostic recorder, AReS II, for advanced diagnostics. Includes wireless transmit capability.
- Standard FastBox hardware driving On-Condition HSI and Predictive Maintenance.
- ProAdvantage Programs (Engines, Parts and Props) provide predictable costs of operation
- 3D Interactive Maintenance Manuals



20

Competitive Landscape - Summary



	SkyCourier	Twin Otter	Harbin Y-12F	Ruag 228NG	M28 Skytruck	Let L-410NG
Useful Load > 7,900 lb.	✓	✗	✓	✗	✗	✗
Ferry Range > 900nm	✓	✗	✓	✓	✗	✓
Full Fuel Payload (lb.) > 3,200 lb.	✓	✗	✗	✗	✗	✗
Carry 3 LD3 containers	✓	✗	✓	✗	✗	✗
Worldwide parts and service network	✓	✓	✗	✗	✗	✗

21



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22