

- OnPoint services
Passport Integrated Propulsion System for the
Global 7500



Work directly with the designer and manufacturer for your complete engine asset maximization and protection plan

GE's OnPoint program provides the most comprehensive coverage in the market

OnPoint is a full risk transfer of your engine maintenance, support, and service requirements

OnPoint 100% OEM coverage starts on day one

- The Passport engine

Passport at a glance

Physical specs

Fan blades: 18

Fan diameter: 52 inches

Fan/booster/comp stages: 1/3/10

High pressure turbine: 2

Low pressure turbine: 4

Nacelle: Long duct, mixed flow

Length: 130 inches

Weight: 3,600 lbs

Controls: Separate dual channel Electronic Engine Controls w/single channel dispatch

Physical specs

Takeoff thrust: 18,920 lbs

Noise: 13.6 dB (cumulative margin to Stage 4)

Fan speed: 6,031 rpm

Core speed: 19,680 rpm

Bypass ratio: 5.6:1

Overall pressure ratio: 45:1

Compressor pressure ratio: 22:1

Emission margin to CAEP/6 range:

- NOx: 20%
- CO2: 87%

Advantage



Noise

Quieter by up to 2.3dB quieter at takeoff



Reliability

Greater time on wing



Support

Superior MRO support



Power

Faster ... 700 lbf thrust advantage



Fuel burn

Lower SFC by 4% at equal weight and drag



Emissions

Lower NOx & carbon emissions than others in class

**Highest power, lowest SFC,
quietest engine in 18K lb thrust
class**



Differentiated technology

Integrated power plant

Nacelle + engine with a boltless rotor optimized for performance across the board

Power Fuel burn Emissions Noise Reliability

Blisk fan

Minimizes air leakage, wear, and vibration, and increases air flow

Fuel burn Emissions Noise Reliability

Debris rejection

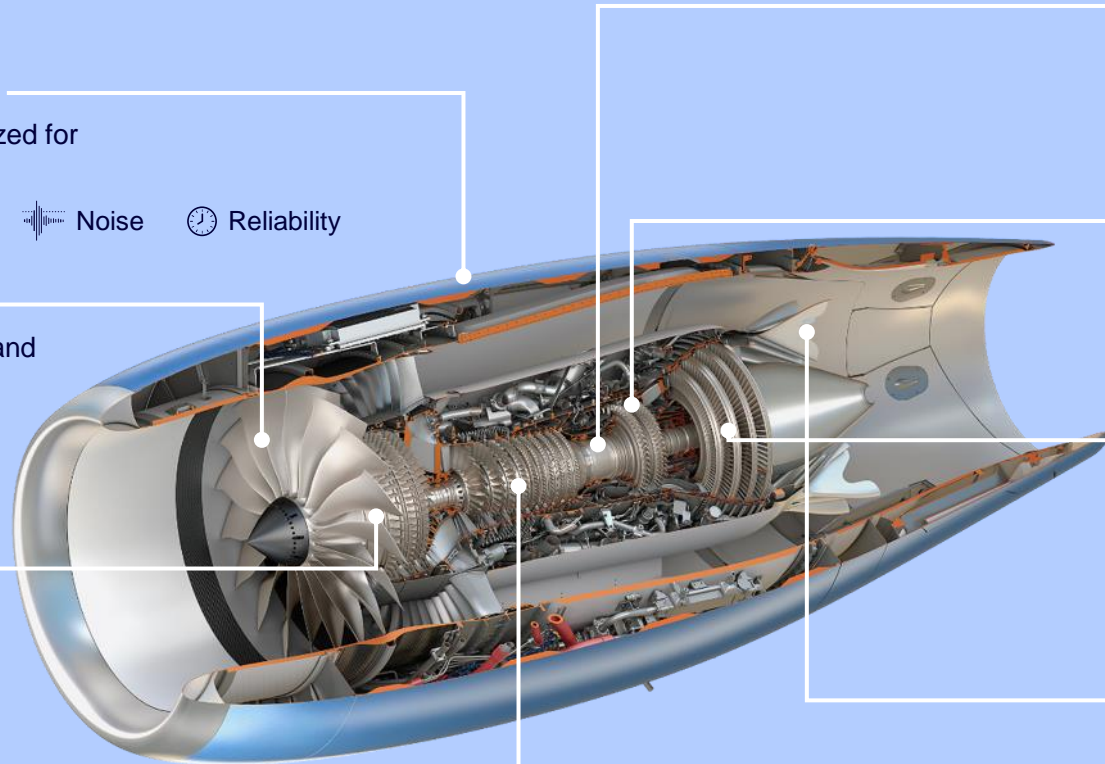
Prevents rain, ice, etc. from entering core

Fuel burn Emissions Reliability

Compression system

Generates pressure ratio of 22:1 and includes a blisk design that min downtime

Fuel burn Emissions Reliability



Combustor

Maximized performance with rich-burn design, next gen fuel nozzle, and no-limit throttle

Power Fuel burn Emissions

High pressure turbine

Extracts max work with active clearance control, air management, and custom blade geometry

Power Fuel burn Emissions

Low pressure turbine

Pulls remaining work from the system and minimizes noise

Power Fuel burn Emissions

Noise

High efficiency mixer

Latest aero design

Power Emissions Noise

Prognostics + OnPoint across the system












Drive availability up and cost out

Reliability Residual value

– OnPoint coverage

Covered by OnPoint

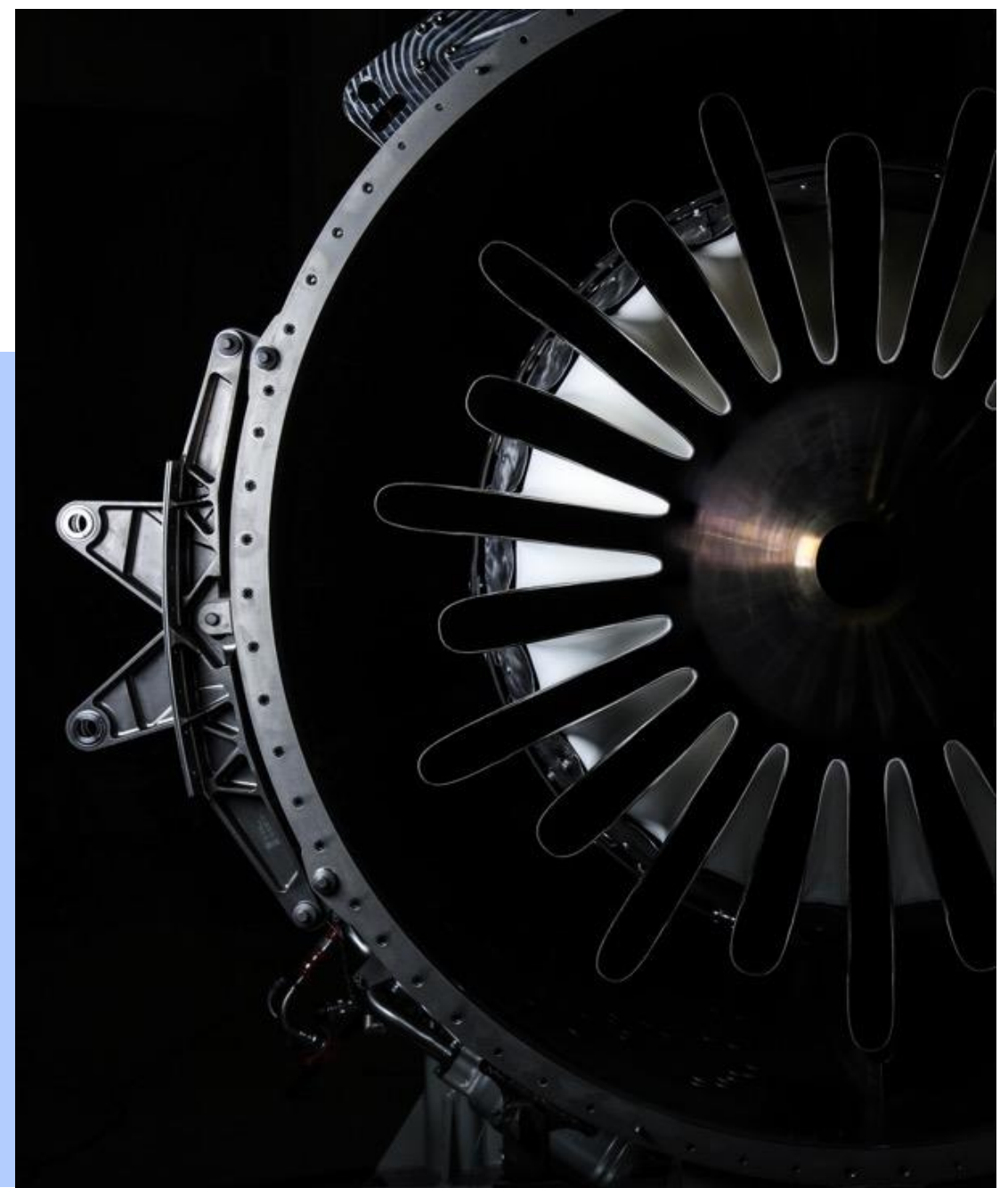
Complete service solution directly from the manufacturer

What's covered?		 Labor	 Materials
 Vendor/ Component Repair	 Test and Line Replaceable Unit Repair	 AD and Service Bulletins	
 50 Man-Hours Per Year Line Maintenance	 Loaner Engine, Including Removal and Reinstallation	 Four-way Transportation	
 Overhaul Repair and/or Exchange of Line Replaceable Units	 Comprehensive Diagnostics	 Life-Limited Parts	

Coverage for full integrated propulsion system (IPS)

IPS includes the following:

- ✓ Engine
- ✓ Inlet
- ✓ Nacelle
- ✓ Thrust Reverser
- ✓ Cowlings
- ✓ Engine Mounts
- ✓ LRUs



4 pillars of value

Comprehensive

- Covers entire IPS, including loaner engines, nacelles, and line replaceable units
- Preventative maintenance via Prognostic Health Mgt

1

Transparent

- Dedicated customer support teams and fixed cost to maximize operating efficiency
- Field Service Engineers trained and certified on engine development program

3

Transferable

- Transfers with ownership change as detailed in the terms and conditions of the GE OnPoint Agreement
- OnPoint improves residual value

2

Global

- More than 20 experienced mobile response technicians able to support 200 field workscope solutions
- Growing network of Authorized Service Centers in strategic locations

4

Benefits realized

- Maximal residual aircraft value
- No buy-in*
- Greater availability and uptime
- Predictable costs thru ownership horizon
- Time savings
- Regional considerations
- Least disruption
- Peace of mind
- And much more

* When purchased at time of EIS

Financial predictability throughout ownership horizon

✓ **Full risk transfer from Day 1**

- The risk and cost is transferred to GE when you're on program, giving you peace of mind.
- OnPointSM helps ensure that your aircraft retains the highest level of performance.
- OEM Program coverage is required for most aircraft financing - OnPointSM protects your investment.
- OnPointSM contract transfers with ownership change at no additional cost.

✓ **Enhanced residual value**

- ✓ **Transferable** – With Zero fees or pro-rated coverages

– How to reach us

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