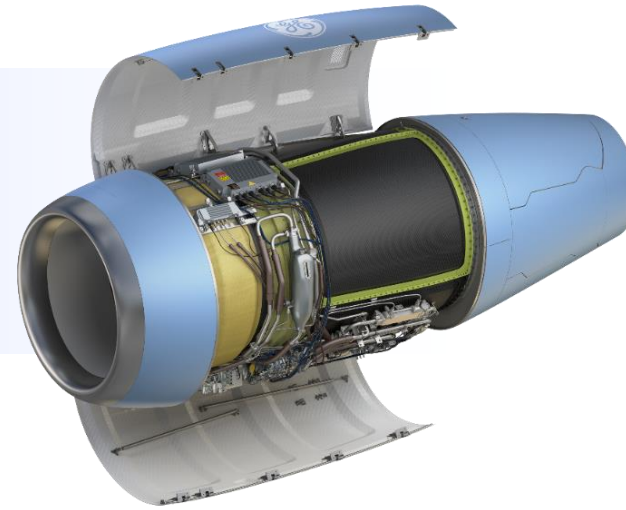


# – The Passport Value

# Passport ... designed, built, and optimized for ultra-long range flight

**40+ years** of commercial and military engine experience  
Inspiring confidence from take off to landing



Noise



Fuel burn



Emissions



Reliability



Power



**Higher**

... competitive  
MRO support  
delivers

**Quieter**

up to 2.3dB  
quieter at  
takeoff

**Lower**

SFC by 4%  
at equal weight  
& drag

**Lower**

up to 2X in carbon  
up 7X in smoke  
at equal NOx

**Best**

Most long  
range  
experience

**Higher**

700lb thrust  
advantage



**Residual  
value**



GE Aerospace

Comparisons versus other engines in 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

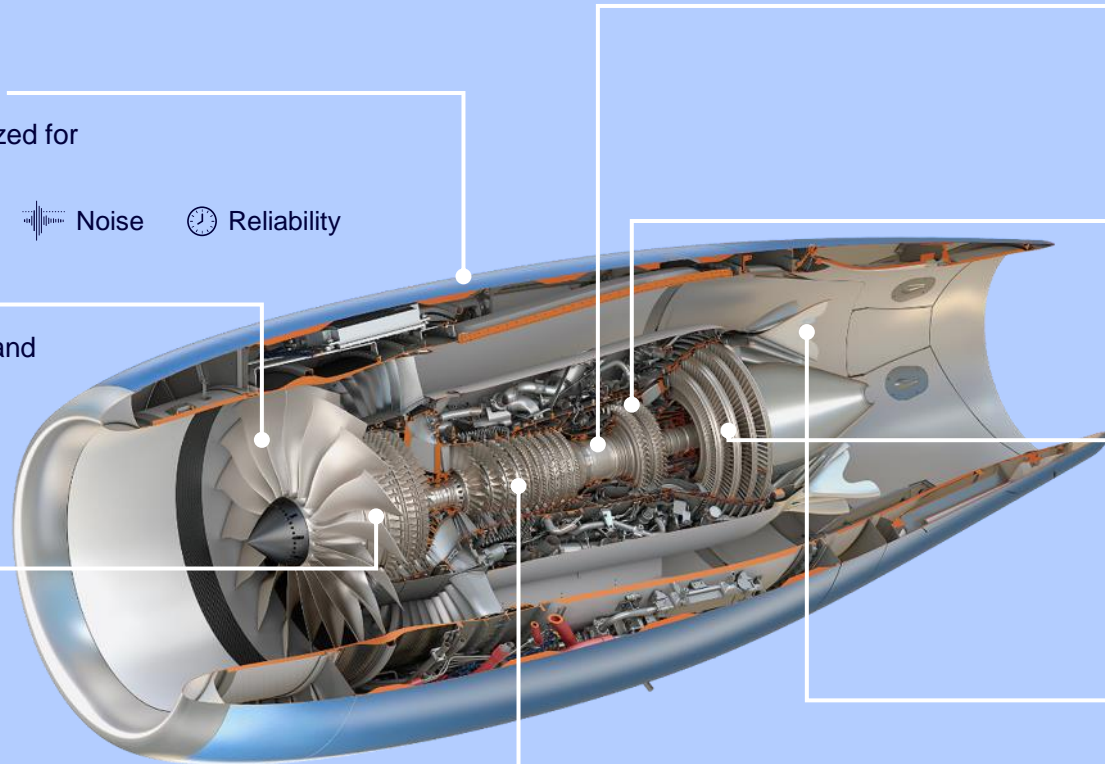
Prevents rain, ice, etc. from entering core

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

— How to reach us

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