

# A BUSINESS CASE FOR HONEYWELL AEROSPACE PERFORMANCE SOLUTIONS



## WHAT IT IS

Aircraft performance influences your aircraft's ability to accomplish its purpose. It's not a single measure but a combination of capabilities in categories such as propulsion, lift, drag, weight, maneuverability or control. Today, analytics offers entirely new ways to optimize performance.

## BUSINESS BENEFITS

- Improve aircraft maneuverability
- Enhance situational awareness
- Boost energy efficiency
- Increase available payload
- Maximize visibility and control

## KEY PRODUCTS

- Primus® Elite
- Connected Aircraft
- Engines
- Actuators
- Auxiliary power units
- IMUs
- Primus Epic®

## TOOLS TO MAXIMIZE PERFORMANCE

- Integrated cockpit avionics for reduced pilot workload
- New versions of legacy engines that provide greater horsepower and better fuel efficiency
- Lighter, more efficient auxiliary power units that help control costs
- Advanced actuators for precision and control
- Inertial Measurement Units (IMUs) that monitor location when GPS is unavailable
- Advanced weather radar systems that decrease delays
- Collision avoidance systems to enhance safety

**400 kilowatts**

are generated by each Honeywell hybrid-electric turbogenerator

**45% reduction**

in turbulence-related incidents with IntuVue® weather radar systems

**8,500 tons of fuel saved**

on average by one customer using GoDirect® Flight Efficiency

**22% more power and 7% less fuel used**

in the latest T55 turboshaft engine

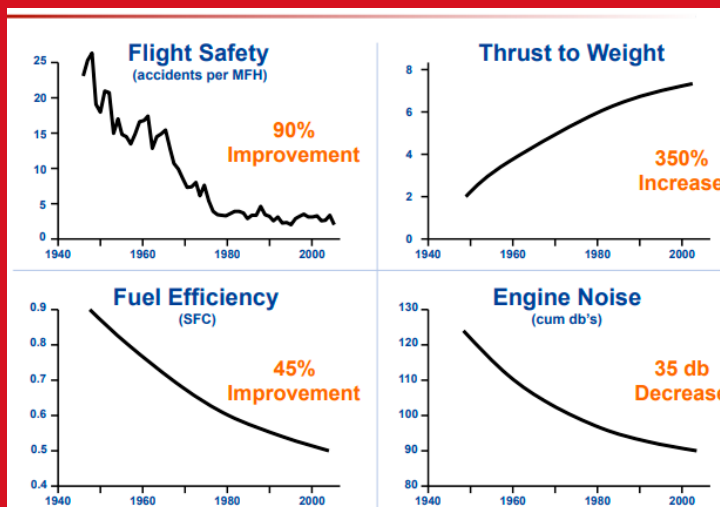
**Honeywell**



## WHY WORK WITH HONEYWELL

- More than 100 years in the aviation, defense and space industries
- On nearly every airliner in the world, and serving 500 airports globally
- Unmatched ability to connect aircraft, airport and ground services
- Critical implementation capabilities in installation, training and support
- A history of blending physical products and software to make more connected, efficient and productive solutions
- Analytics and software specialists focused on helping you take advantage of your data
- Preferred communications and network provider for top OEMs

## Gas Turbines: The Past 50 Years<sup>1</sup>



1. Propulsion Technologies for Future Aircraft Generations: Clean, Lean, Quiet, and Green, NASA presentation, September 2011.

### Learn More

Learn more at our Performance page  
[aerospace.honeywell.com/performance](https://aerospace.honeywell.com/performance)

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THE  
 FUTURE  
 IS  
 WHAT  
 WE  
 MAKE IT

**Honeywell**