



# ABOUT HONEYWELL & HONEYWELL AEROSPACE

**Honeywell**

# Forward Looking Statements

*This presentation contains certain statements that may be deemed “forward-looking statements” within the meaning of Section 21E of the Securities Exchange Act of 1934. All statements, other than statements of historical fact, that address activities, events or developments that we or our management intends, expects, projects, believes or anticipates will or may occur in the future are forward-looking statements. Such statements are based upon certain assumptions and assessments made by our management in light of their experience and their perception of historical trends, current economic and industry conditions, expected future developments and other factors they believe to be appropriate. The forward-looking statements included in this presentation are also subject to a number of material risks and uncertainties, including but not limited to economic, competitive, governmental, and technological factors affecting our operations, markets, products, services and prices. Such forward-looking statements are not guarantees of future performance, and actual results, developments and business decisions may differ from those envisaged by such forward-looking statements. Any forward-looking plans described herein are not final and may be modified or abandoned at any time. We identify the principal risks and uncertainties that affect our performance in our Form 10-K and other filings with the Securities and Exchange Commission.*

# HONEYWELL OVERVIEW

NYSE: **HON** | ~919 sites | ~110,000 employees | **Charlotte, N.C.** headquarters | **Fortune 100**

## Aerospace



Our products are used on virtually every commercial and defense aircraft platform worldwide and include aircraft propulsion, cockpit systems, satellite communications, and auxiliary power systems.

## Building Technologies



Our products, software, and technologies are in more than 10 million buildings worldwide, helping customers ensure their facilities are safe, energy efficient, sustainable, and productive.

## Performance Materials and Technologies



We develop advanced materials, process technologies, automation solutions, and industrial software that are revolutionizing industries around the world.

## Safety and Productivity Solutions



We improve enterprise performance and worker safety and productivity with automated material handling and voice scanning and mobile computing technology, software solutions, and personal protective equipment and sensing technology.

## Honeywell Connected Enterprise

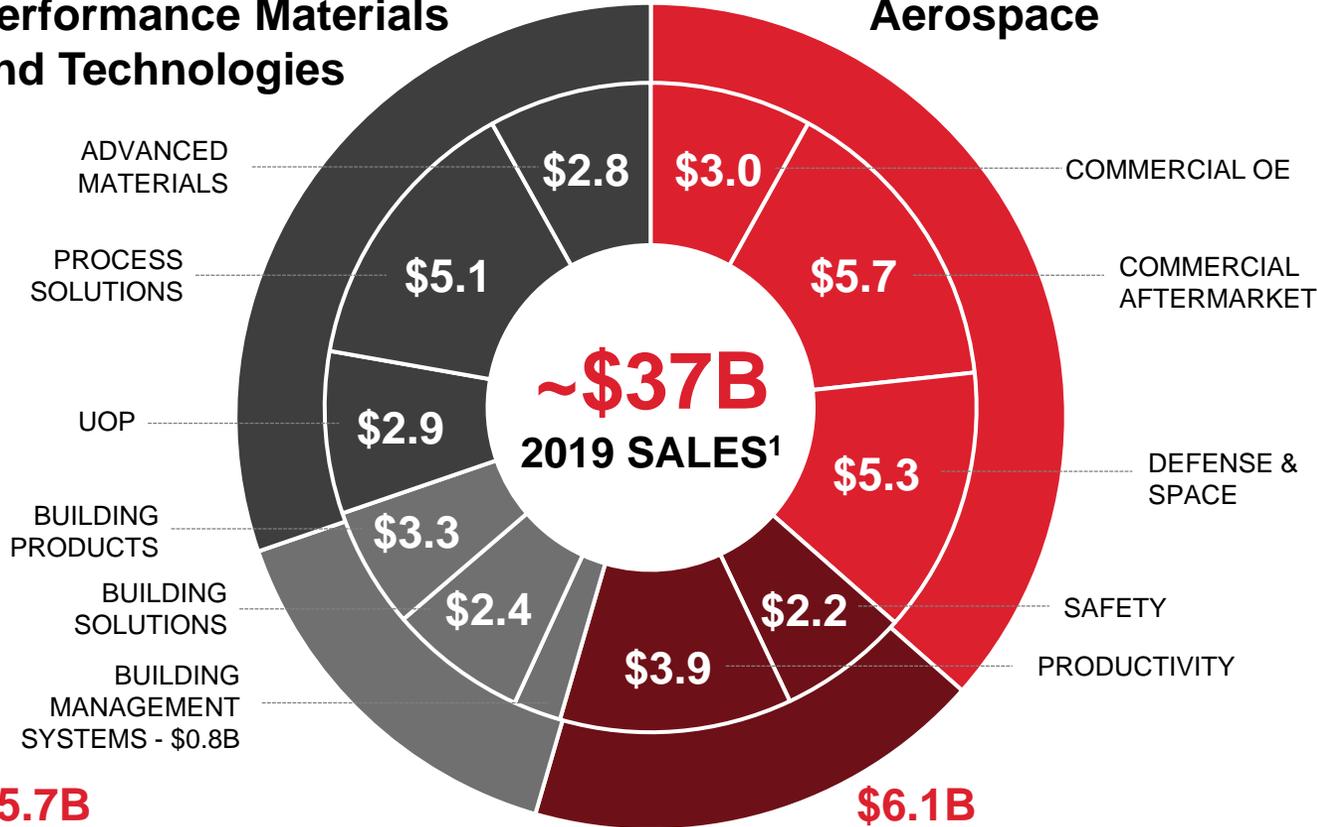
Established in 2018 to accelerate software development and IIoT solutions via the Enterprise Performance Management offering, Honeywell Forge. HCE's focus is software development, from the gateway to end-user applications, bringing scale and capability across all of Honeywell.

## Aligned to Key Global Macro Trends

# HONEYWELL AT A GLANCE

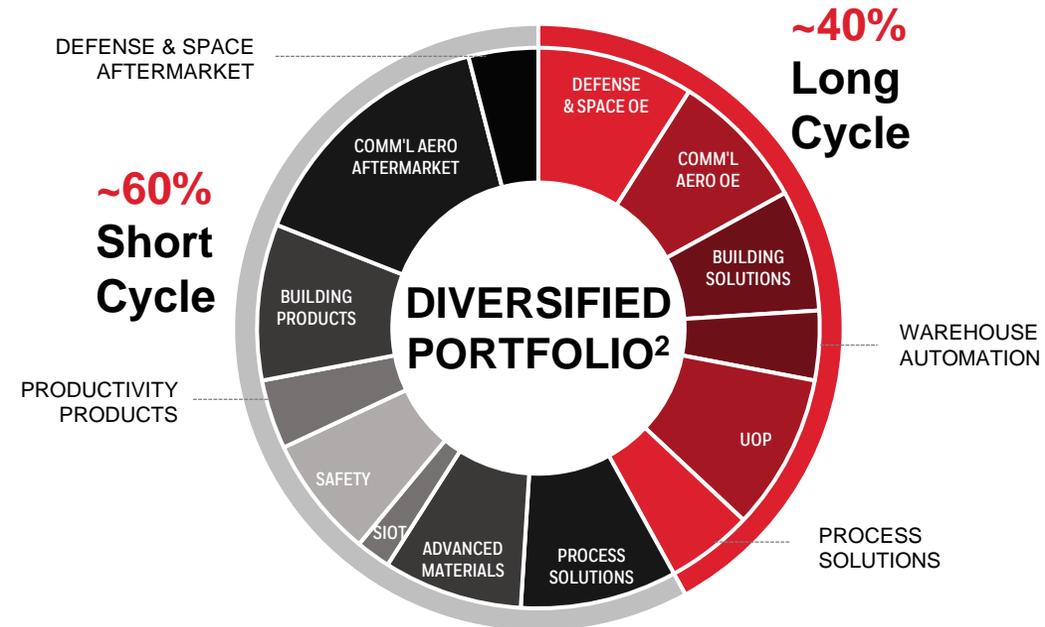
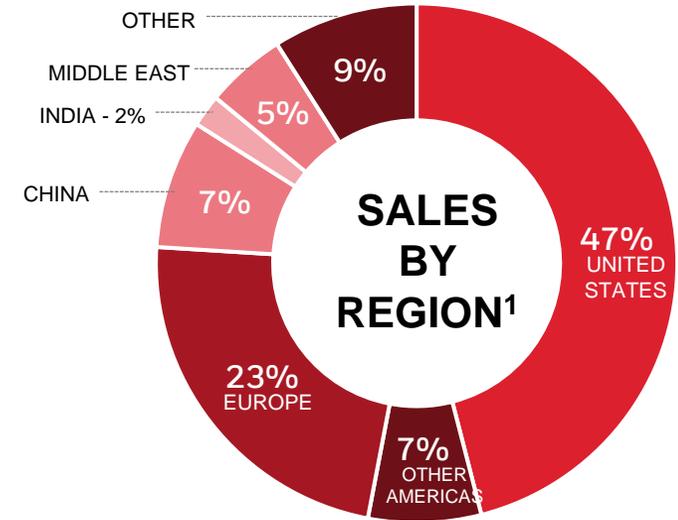
**\$10.8B**  
Performance Materials  
and Technologies

**\$14.1B**  
Aerospace



**\$5.7B**  
Honeywell Building  
Technologies

**\$6.1B**  
Safety and Productivity  
Solutions



<sup>1</sup> Represents 2018 sales excluding Garrett (the former Transportation Systems business) and Resideo (the former Homes and ADI global distribution business); Differences between segment sales figures and the sum of sales figures for the businesses within each segment are due to rounding

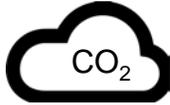
<sup>2</sup> Represents 2019E sales

# COMMITMENT | TO A SUSTAINABLE FUTURE...



4x

Better safety record than industry average



>90%

Reduction in greenhouse gas emissions intensity between 2004 - 2019



~70%

Improvement in energy efficiency 2004 - 2019



128M

Gallons of water conserved in "water-stressed areas"



~3K

Acres remediated and restored as valuable community assets

## ...& CORPORATE CITIZENSHIP...



>170

Safe drinking water stations built in rural India serving 600,000+



3000

International high school students have attended leadership and coding training at the U.S. Space and Rocket Center since 2010



6000

Students in Malaysia received safety training

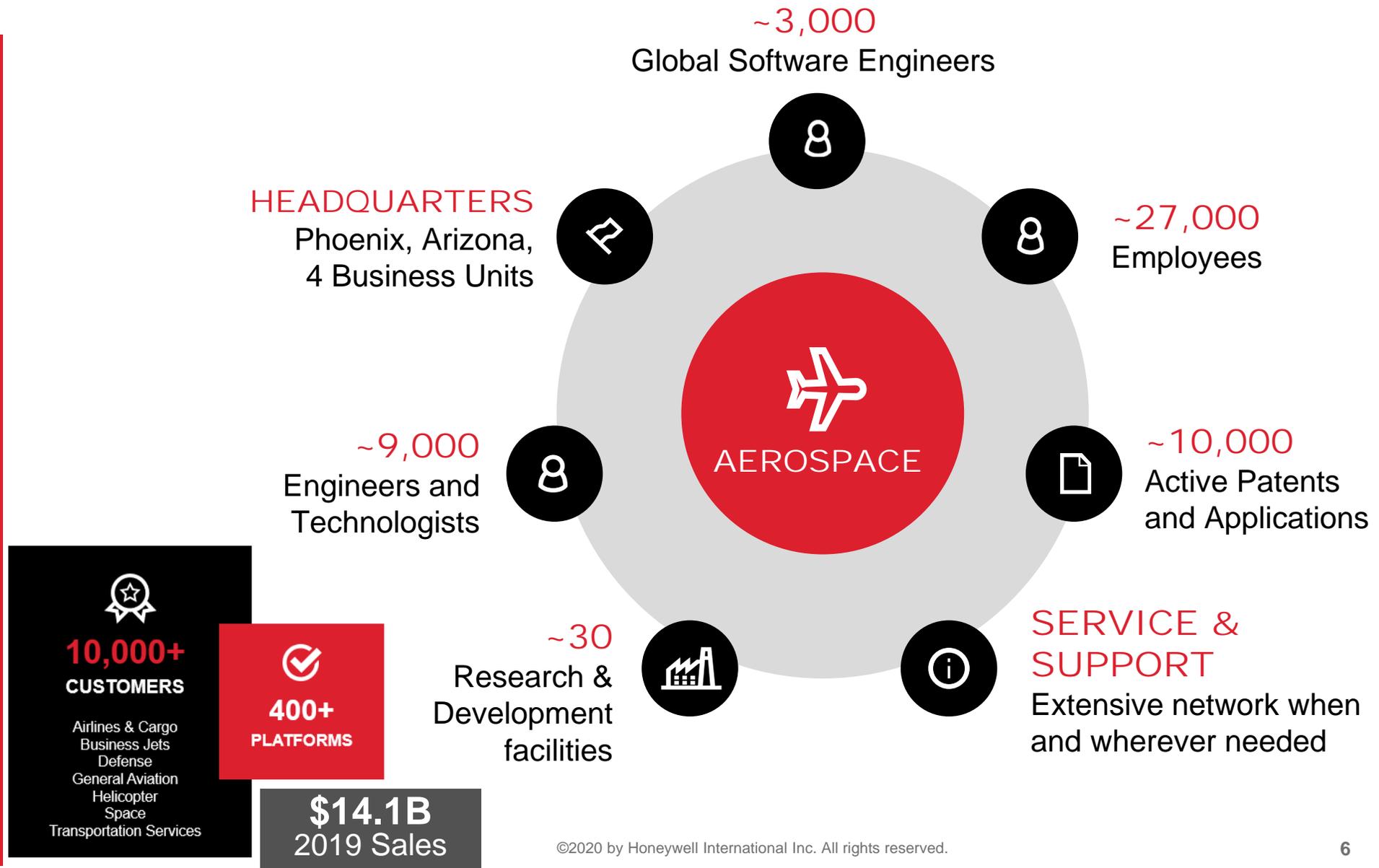


# AEROSPACE OVERVIEW

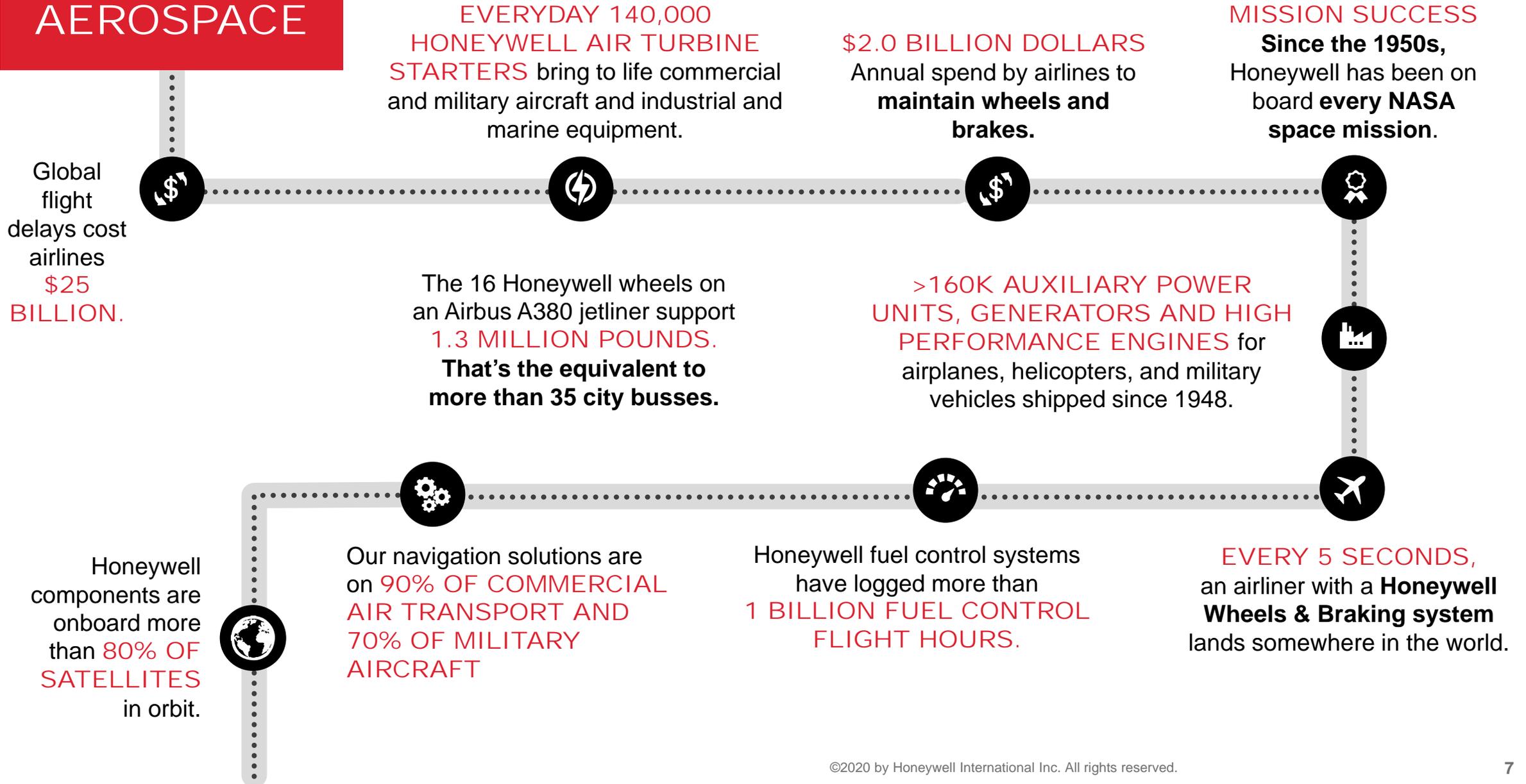
**Honeywell**

# OVERVIEW | AEROSPACE

**HONEYWELL AEROSPACE** products and services are found on virtually every commercial, defense and space aircraft. We build aircraft engines, cockpit and cabin electronics, wireless connectivity systems, mechanical components and more, and connect many of them via our high-speed Wi-Fi offerings. Our solutions create healthier air travel, more fuel-efficient and better-maintained aircraft, more direct and on-time flight arrivals, safer skies and airports and more comfortable flights, along with several innovations and services that reflect exciting and emerging new transportation methods such as autonomous and supersonic flight.

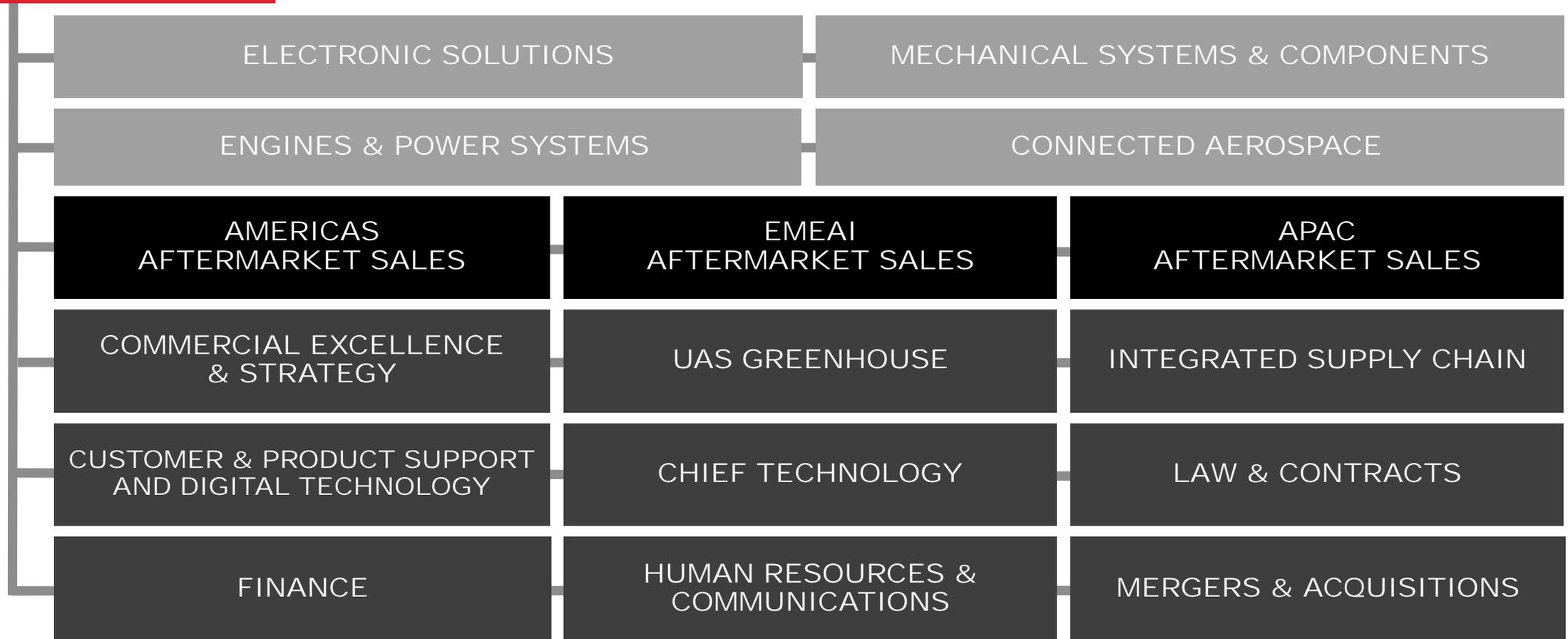


# DO YOU KNOW: AEROSPACE



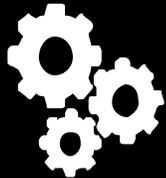
# LEADERSHIP TEAM: AEROSPACE

MIKE MADSEN



# PORTFOLIO BREADTH: AEROSPACE

## ROBUST PORTFOLIO OF TECHNOLOGY SOLUTIONS



Delivering Greater  
Value To Our  
Customers

### ELECTRONIC SOLUTIONS

- Integrated Avionics Offerings
- Navigation, Safety and Surveillance Solutions
- Flight Management Systems, Flight Controls and Synthetic Vision Display Technologies
- Manned/Unmanned and Satellite Applications, Space
- Air Travel Hygiene & Cleaning

### ENGINES & POWER SYSTEMS

- Propulsion Engines
- Auxiliary Power Units
- Electric Power Systems
- Hybrid Electric Systems

### SERVICES & CONNECTIVITY

- Connected Aircraft Services
- Connectivity Systems/SATCOM
- Data Analytics
- Maintenance, Repair & Overhaul
- Aerospace Trading

### MECHANICAL SYSTEMS & COMPONENTS

- Air Pressure & Control Systems
- Components, Heat Exchangers, Valves, Fuel Controls, Actuators, Coatings
- Federal Solutions: Manage & Operate US Government Facilities – Kansas City National Security Campus, Nevada National Security Site, Sandia Labs
- Life Support Systems & Air Travel Hygiene & Cleaning
- Wheels & Braking Systems

# ELECTRONIC SOLUTIONS

**~90%**

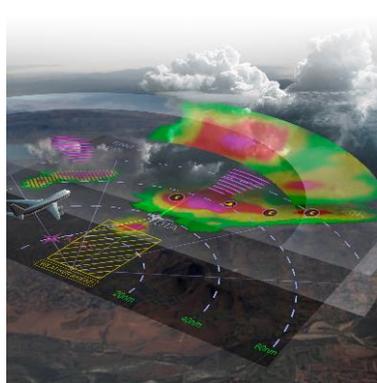
of Global Aircraft Use HON Safety Systems

**~80%**

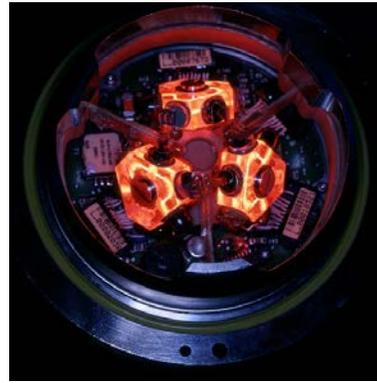
of Satellites in Orbit Have Honeywell Content on Board



**COMPREHENSIVE  
INTEGRATED  
AVIONICS**



**SAFETY &  
SURVEILLANCE  
SOLUTIONS**



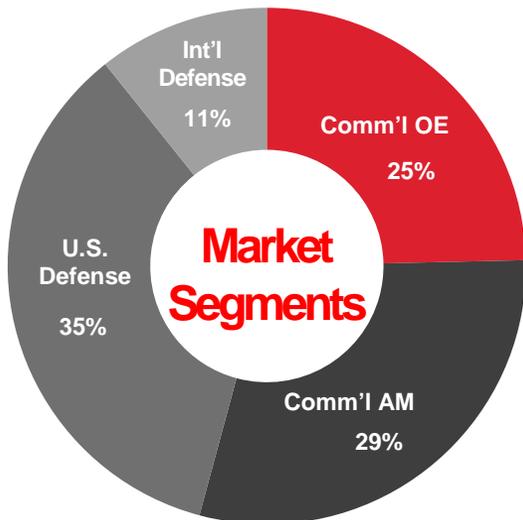
**NAVIGATION  
OFFERINGS**



**SPACE  
APPLICATIONS**



**GENERAL AVIATION  
AVIONICS**



Cockpit Systems and Software Upgrades

Navigation Systems and Sensors

Electric Power Systems

Unmanned and Manned Space Missions

Flight Management and Flight Control Systems

Communication and Information Systems

Radio, Radar, and Safety Systems

Satellite and Small Satellite Applications

# ENGINES & POWER SYSTEMS

**100K+**

Auxiliary Power Units Delivered Since 1959

**72K+**

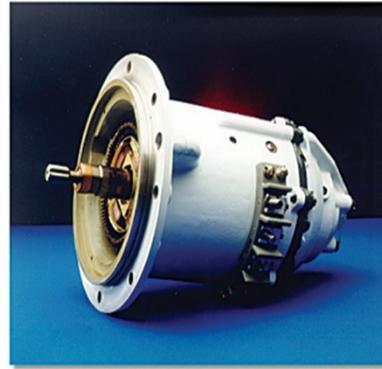
Engines Delivered Since 1959



**PROPULSION  
ENGINES**



**AUXILIARY POWER**



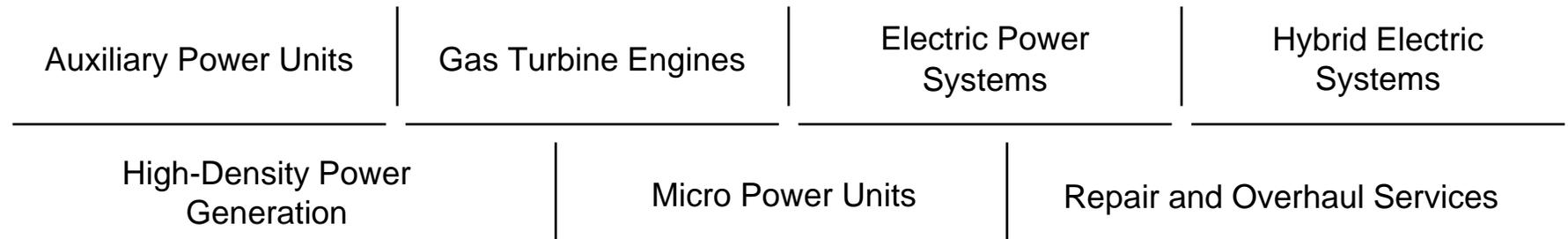
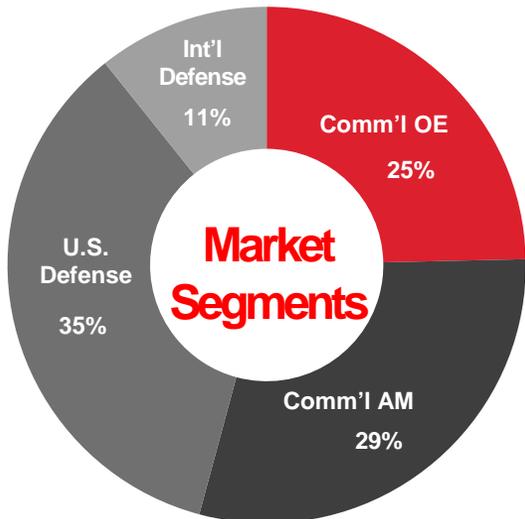
**ELECTRIC POWER  
GENERATION**



**HYBRID  
PROPULSION**



**MICRO POWER**



# MECHANICAL SYSTEMS & COMPONENTS

**1B+**

Operating Hours on HON Air Turbine Start Systems

Aircraft Land with Honeywell Wheels and Brakes

**every 5 seconds**

**The entire fleet**

Of US Military Fighters and Trainers use HON Cabin Pressure Systems



**ACTUATORS**



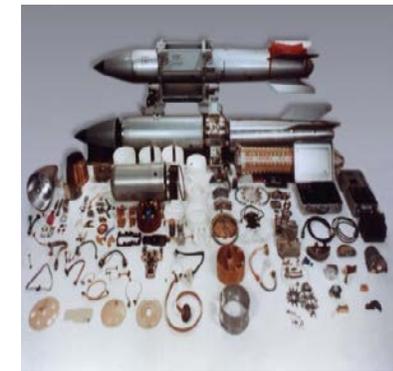
**BRAKING SYSTEMS**



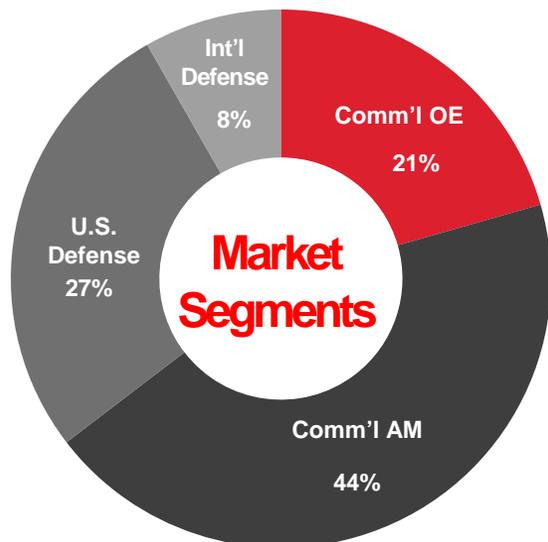
**LIFE SUPPORT SYSTEMS**



**COATINGS**



**GOVERNMENT SITE MANAGEMENT**



Electromechanical, Hydraulic, Fuelraulic, Pneumatic Actuators

On-Board Oxygen Generation

Thermal Barrier Coatings

Connected Offerings

Carbon and Steel Brakes

Air Pressure and Control Systems

Fuel Controls

Managing U.S. Government Facilities

# SERVICES & CONNECTIVITY

>20%

Connected Aircraft Software Sales in 1Q19



## CONNECTIVITY HARDWARE



## AIRTIME & DATA SERVICES

Flight Efficiency & Maintenance Optimization

Data Analytics Services

36

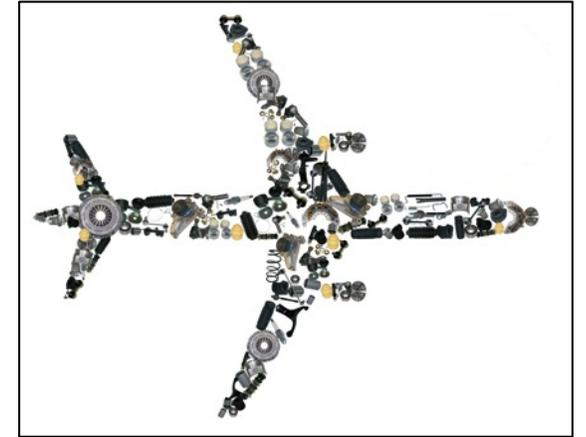
Airlines Using HON Fuel Savings Analytics



## OPTIMIZATION SOLUTIONS

Connectivity Equipment / Satellite Communications Solutions

Airtime Connectivity Services



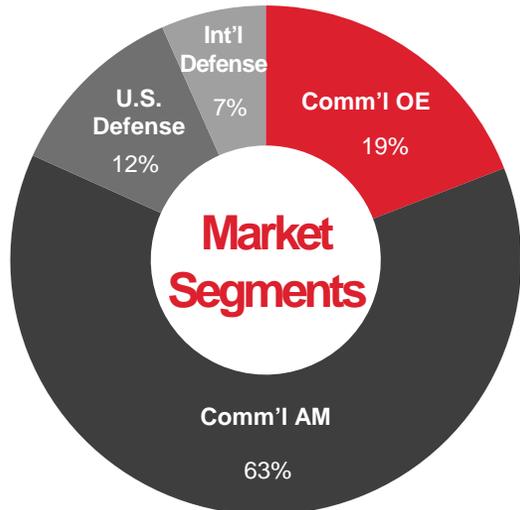
## ASSET AVAILABILITY & TRADING

Flight Support Services

Maintenance, Repair & Overhaul Services

Honeywell Forge for Aircrafts

Aerospace Trading & Asset Availability



# CORE STRENGTHS



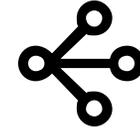
**REVOLUTIONIZING**  
combat technology, commercial  
space, passenger jets and  
urban air mobility



**GLOBAL LEADER**  
in the traditional  
aviation industry



**LEADING**  
Connected Aircraft  
revolution



**DRIVING  
MODERNIZATION**  
of global air traffic  
management



**COMMITTED TO IMPROVING**  
fuel and flight efficiency, maintenance,  
safety, block time and ground turns  
through digital connectivity



Developing **INNOVATIVE  
SAFETY PRODUCTS**  
and solutions



Serving all major aircraft  
OEMs **WORLDWIDE**

# PRESENCE IN ARIZONA

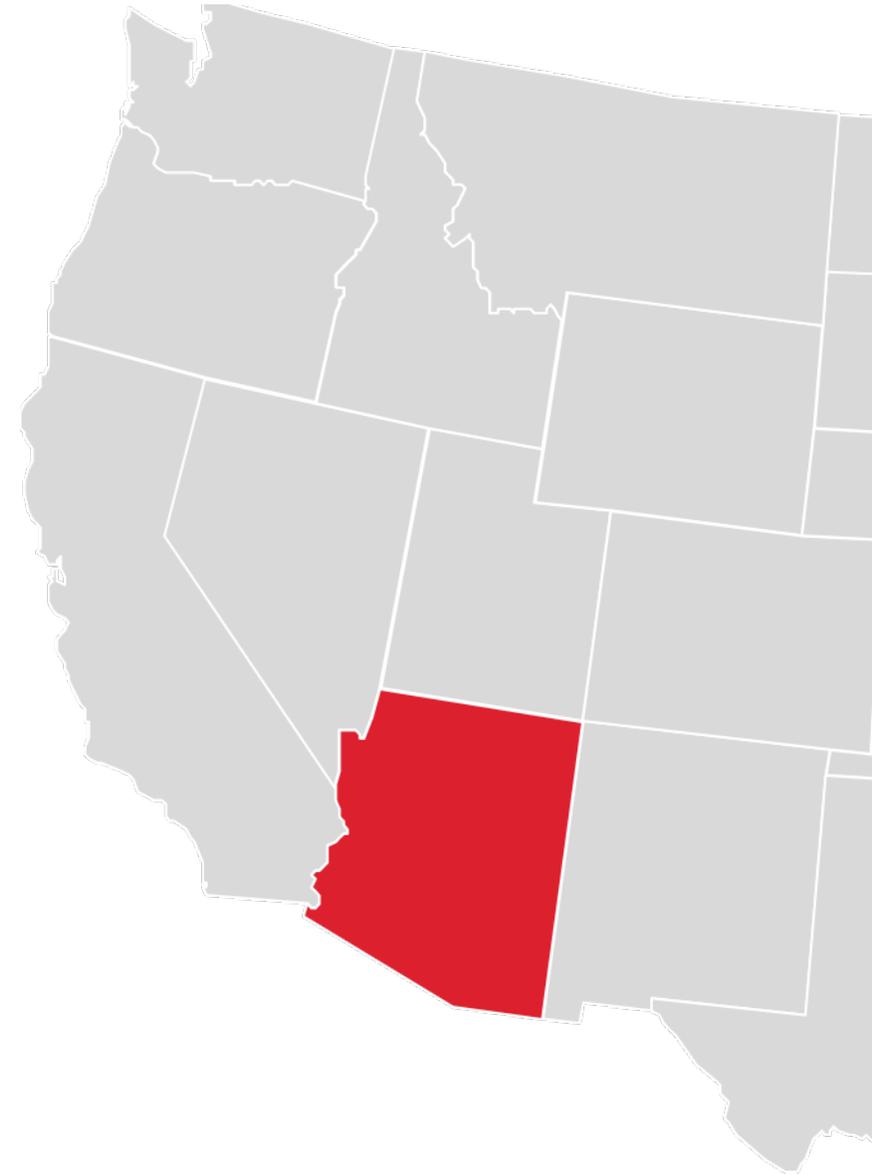


**Partner with  
LEADING PUBLIC AND NON-PROFIT INSTITUTIONS  
to address community needs**

**Honeywell donated  
N95 masks** from its production line in Phoenix to providers at Tuba City Regional Health Care who are caring for patients with COVID-19

**Honeywell volunteers  
and retirees** revitalized the Jerry Colangelo Branch of the Boys & Girls Club of Metro Phoenix that serves more than 2,500 youth

Sponsoring students and teachers to attend the **Honeywell Leadership Challenge Academy** at the U.S. Space & Rocket Center (USSRC)



 **~7,800**

Arizonans  
EMPLOYED

\*2019 Census

 Invest  
**~\$800M**

per year with  
Arizona-based suppliers

 Home to  
**11**  
FACILITIES

# COMPREHENSIVE SERVICE & SUPPORT

## LOGISTICS MANAGEMENT & PURCHASING

- 24/7 Aircraft on Ground and MyAerospace Portal Order Support
- Price Quote Support
- Warranty and Material Returns, Exchange and Rental Support



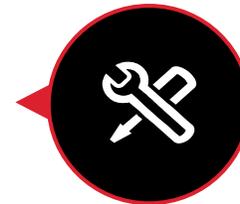
## PILOT

- 24/7 Aircraft on Ground Support
- Flight Operations Support
- GoDirect Flight Services, Flight Apps & NavDatabase Services



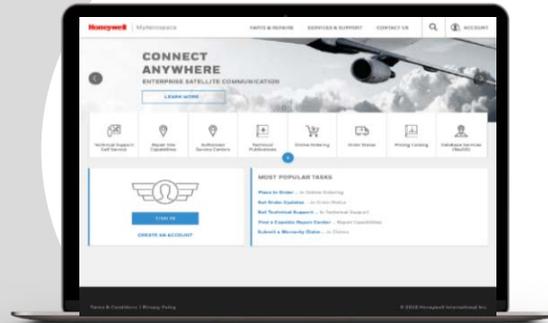
## OWNER / OPERATOR

- Entry into Service and Service Management Support
- Business Operations and Contract Management
- Customized Asset Management Solutions



## MAINTENANCE TECHNICIAN

- 24/7 Aircraft on Ground and Global Technical Support
- GoDirect Maintenance and Protection Programs
- MyAerospace Portal Technical Solutions and On-Site/Remote Training



THANK YOU!