



ハネウェル インターナショナル社  
エアロスペース  
防衛宇宙部門 概要

**Honeywell International Inc.**  
**Aerospace**  
**Defense & Space Overview**

October 2010

**Honeywell**

# ハネウエル概要 Honeywell Overview

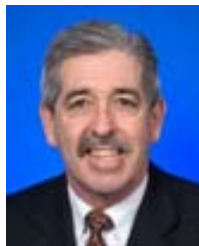
Honeywell

**Head Quarter:** Morristown, NJ  
**Annual Sales:** \$30.9B (約3兆円)  
**Chairman & CEO:** Dave Cote



**Dave Cote**  
デビット・コーティ

Chairman and CEO  
会長兼最高経営責任者



PRESIDENT  
AEROSPACE  
Tim Mahoney



PRESIDENT  
ACS  
Roger Fradin



PRESIDENT  
SM  
Andreas Kramvis



PRESIDENT  
TS  
Alex Ismail

**A Fortune 50 Company**

フォーチュン50社の1社

122,000 employees in nearly 100 countries

総従業員数 約100ヶ国・12万2千人

**One of 30 companies of the Dow Jones Industrial Average**

ダウジョーンズ工業株30社の1社

## 4 Strategic Business Groups

### ・Aerospace

(エアロスペース部門)

Air Transport & Regional (AT&R)  
Business & General Aviation (B&GA)  
Defense & Space (D&S)

### ・Automation and Control Solutions

(オートメーション・制御機器部門)

Environmental and Combustion Controls (ECC)  
Honeywell Building Solutions (HBS)  
Honeywell Life Safety (HLS)  
Honeywell Process Solutions (HPS)  
Honeywell Security Group (HSG)  
Honeywell Scanning & Mobility (HSM)  
Sensing and Control (S&C)

### ・Specialty Materials

(特殊素材部門)

UOP LLC  
Fluorine Products  
Resins and Chemicals  
Specialty Products  
Electronic Materials

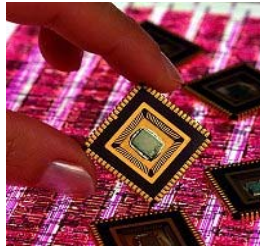
### ・Transportation Systems

(自動車システム部門)

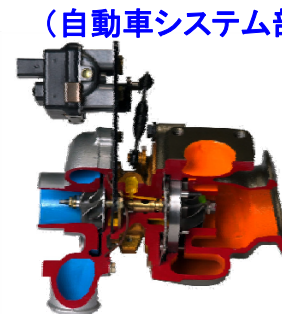
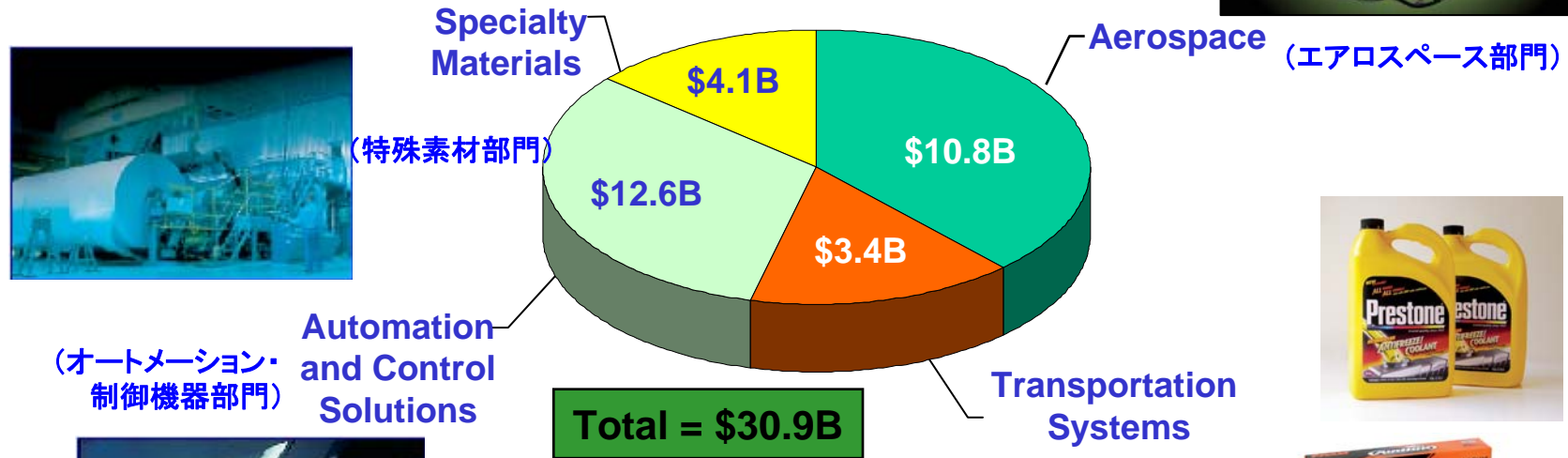
Consumer Products Group  
Honeywell Friction Materials  
Honeywell Turbo Technologies

# ハネウェル概要 Honeywell's Business

Honeywell



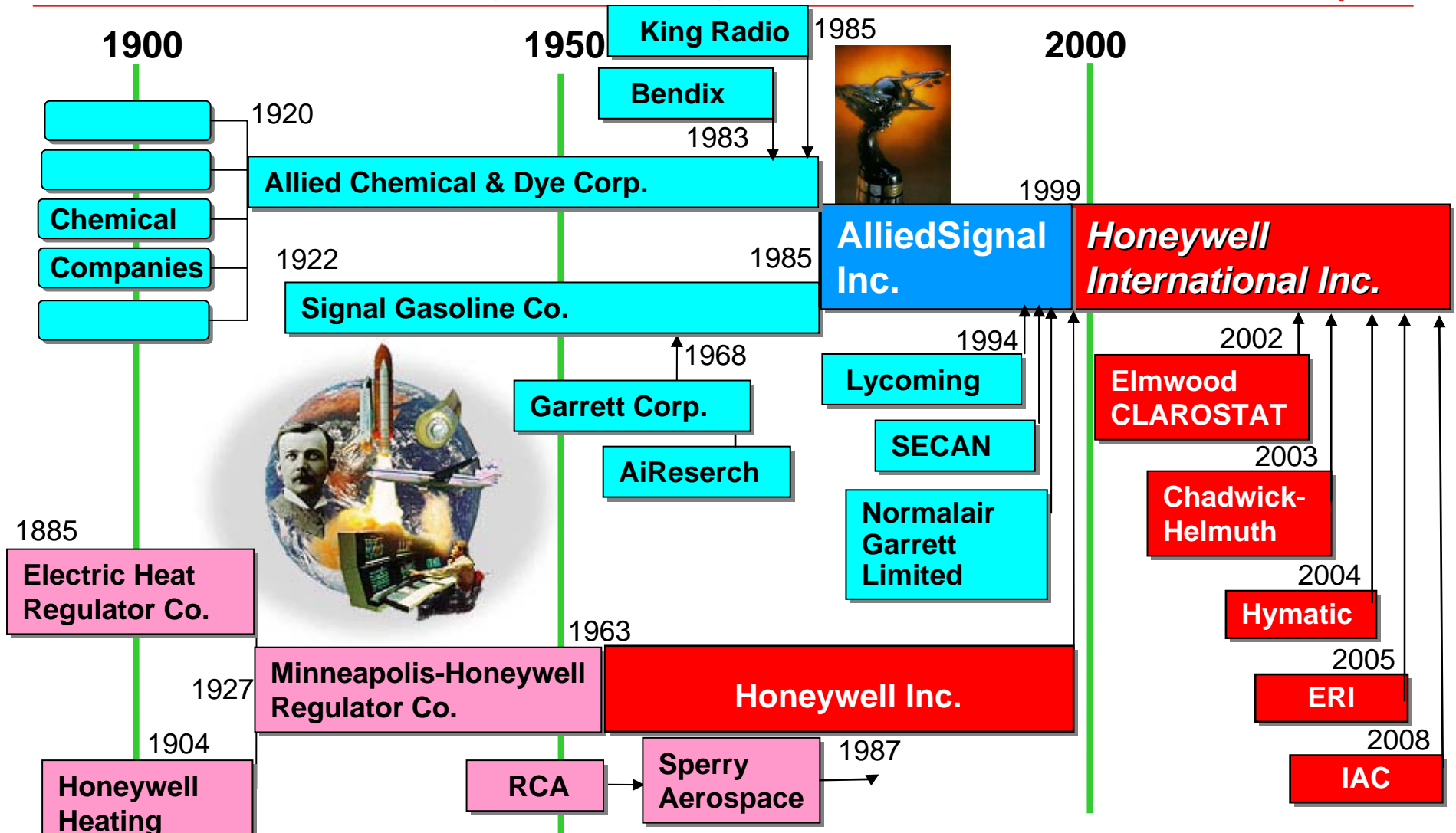
## 2009 Sales



*Diverse Businesses, Technologies and Products*

# エアロスペース部門の歴史 History of Honeywell Aerospace

Honeywell



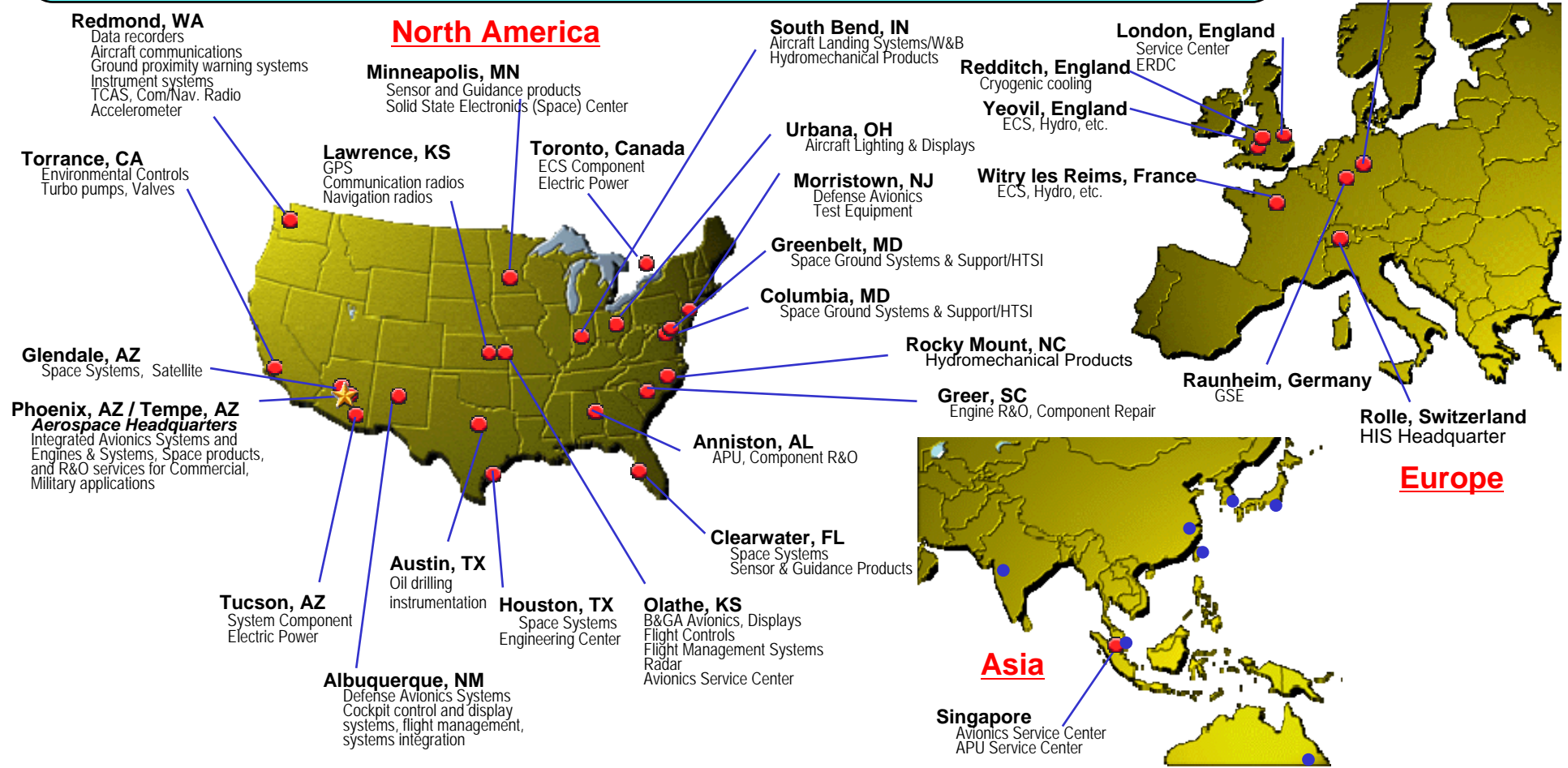
世界の有名な航空機器メーカーを統合して1999年12月に発足したハネウェルインターナショナル社は世界最大手の航空宇宙機器装備品メーカーです

# ハネウェルエアロスペース拠点 Honeywell Aerospace Sites

**Honeywell**

Honeywell globally provides Aerospace related equipment for Transport, Military and Business , Regional and General Aviation Aircraft as well as Space related equipment and Services.

- H/Q : Phoenix, AZ
- Sales : \$10.8B
- President: Tim Mahoney

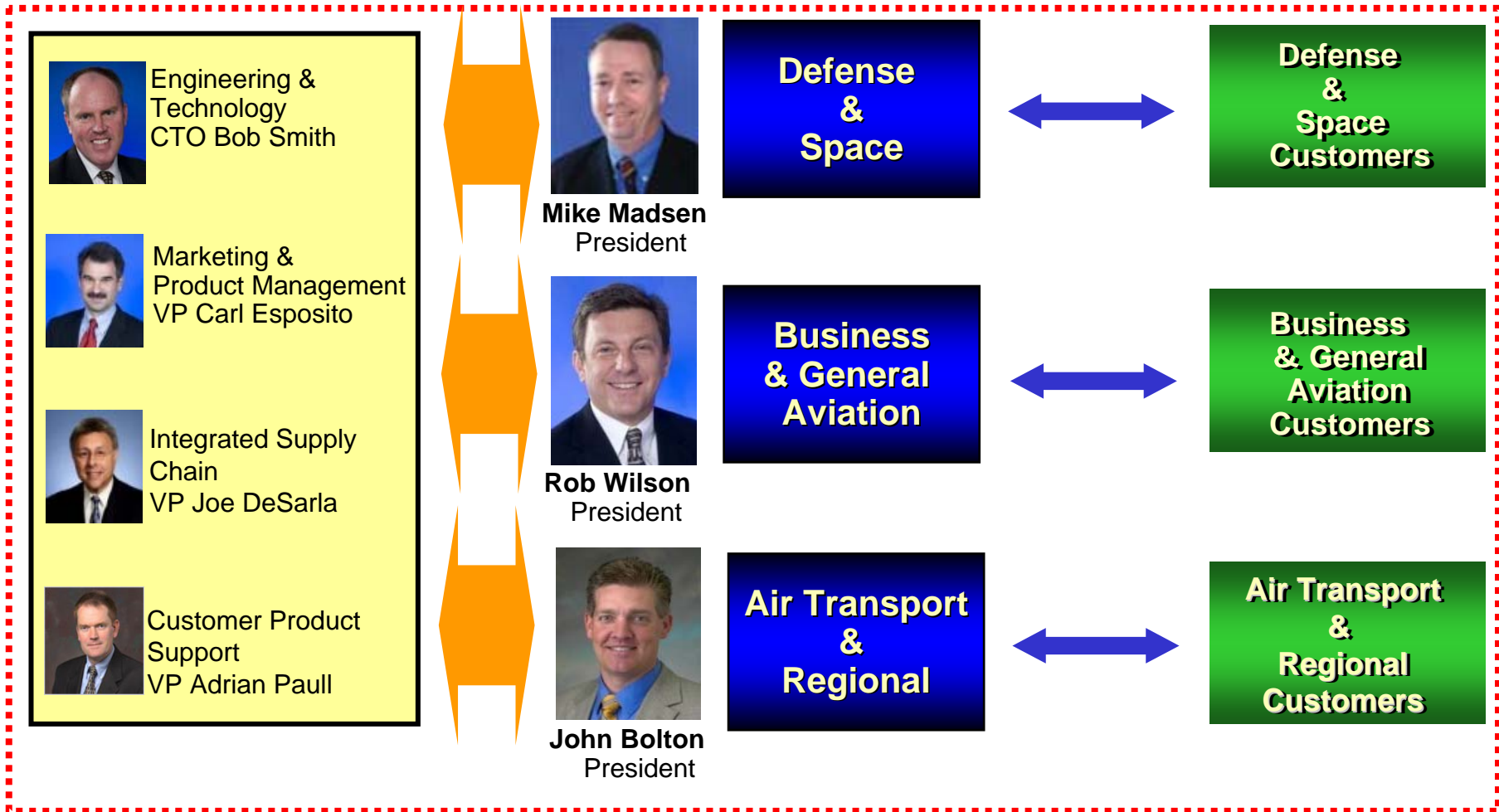


# お客様を重視した組織体制

## Customer Aligned Aerospace Organization **Honeywell**



**Tim Mahoney**  
President & CEO  
Honeywell Aerospace  
\$10.8B



# 防衛宇宙部門 Defense & Space



**President**  
**Mike Madsen**

Sr. Executive Assistant  
**Roxane Miller**

## Business Segments



US Defense Customers  
Vice President  
**Vicki Panhuise**



Militaries & Operators  
Vice President  
**Paul Vidano**



Space,  
Missiles & Munitions  
Vice President  
**David Douglass**



International  
Vice President  
**Marc McGowan**



FM&T  
President  
**Tony Brancato**



HTSI  
President  
**Vince Trim**



Sales & Bus Dev  
Vice President  
**Briand Greer**

## Functions



Business Operations  
Director  
**Jack Gleason**



Communications  
Director  
**Jenna Rowell**



Cust & Prod Support  
Vice President  
**Deborah Nevins**



Engineering  
Vice President  
**Mike Elias**



Government Relations  
Vice President  
**Beth Rossman**



Finance  
Vice President  
**Paul Turner**



Human Resources  
Vice President  
**Karen Mattimore**



Information Technology  
Vice President  
**Hunt Winston**



ISC  
Director  
**Steve Sortillon**



Legal  
General Counsel & VP  
**Vic Miller**



Strategy & Marketing  
Vice President  
**Kurt Meister**



OD  
Director  
**Vicki Poels**



Contracts  
Vice President  
**Diane Link**

# 国内連絡先 Contact in Japan

**Honeywell**

御用の節は下記にご連絡下さい

**ハネウェルジャパン株式会社**  
**Honeywell Japan Inc.**

〒105-0022 東京都港区海岸1-16-1 ニューピア竹芝サウスタワー20階  
New Pier Takeshiba South Tower 20F 1-16-1 Kaigan, Minato-ku Tokyo 105-0022

**大島 亘**

**エアロスペース**

**日本事務所長**

**Wayne Oshima**



**Tel: 03-6730-7101**

**E-mail: [wayne.oshima@honeywell.com](mailto:wayne.oshima@honeywell.com)**

# 製品群及びサービス Products & Services

Honeywell



**Fighters**  
Engines ECS  
APUs Avionics  
Engine Starters W&B



**Transports**  
Engine Starters  
APU ECS W&B  
Avionics Lighting



**Land Vehicles**  
Engines  
APUs ECS  
Vetronics



**Helicopters**  
Engines ECS  
APUs Avionics  
Health Monitoring



**Missiles**  
Inertial Reference  
Gyros  
Radar Altimeters



**Space**  
Ground Services  
IMU RWA CMG  
Rad Hard ASIC



**Marine**  
Engines  
Turbine Pumps  
Pneumatic/Hydraulics  
Electrical & Power



**Support**  
Ground Power ATE  
Supply Chain Mgmt  
Technical Service

# 民間航空機用ハネウエル製品の代表例

## Commercial Transport Content

**Honeywell**



# 軍用航空機用ハネウエル製品の代表例

## Products for Military Fixed Wing Aircraft **Honeywell**

### ENVIRONMENT CONTROLS

- Environmental Control Systems
- Cabin Pressure Systems
- Onboard Oxygen Generating System

Ejection Seat  
Electronic  
Sequencer

### POWER SYSTEMS

- Alternators/Generators
- Secondary Power Systems
- Emergency Power Unit

### ENGINES

- Propulsion Engines
- Engine Fuel Controls
- Engine Starters/Pneumatic Valves
- Jet Fuel Starters



### WHEELS & BRAKES

- Landing Gear System Integration
- Wheels, Brakes & Brake Control Systems

### AVIONICS

- Airborne Maintenance/Monitoring/Diagnostics
- Air Data Systems
- Digital Map System
- Flight Control System
- Electric Power Systems
- Radar Altimeter System
- Enhanced Ground Proximity Warning System
- Attitude Heading Reference System
- Color Multifunction Cockpit Displays
- Display and Mission Processors
- Inertial Navigation Systems/Embedded GPS/INS

### AIRFRAME ACCESSORIES

- Bleed Air Control Systems
- Air Inlet Controls
- Anti-Icing System
- Hydraulic Pumps, Valves & Motors
- Oil Coolers
- Electrohydrostatic Actuators
- Air Frame Mounted Accessory Drives

# 軍用輸送機用ハネウェル製品の代表例

## Products for Military Transport

**Honeywell**

### ENGINE & AIRFRAME ACCESSORIES

- Oil Coolers
- Air Turbine Starter
- AC Generator
- Generator Shaft Cutout
- Main Fuel Control
- Air Starter Control Valve
- Anti-Ice Valves
- Flow Control Valves
- Pressure Regulators
- Cooling Turbines Sensors
- Heat Exchangers

### LIGHTING

- Aircraft Lighting External/Internal

Auxiliary Power Unit

Advanced Tanker/Cargo Aircraft Refueling Control System

Engine Pressure Ratio System

Wing Anti-Ice

### WHEELS & BRAKES

- Landing Gear System Integration
- Wheels, Brakes & Brake Control Systems

### AVIONICS

- Color Multifunction Cockpit Displays
- Display Processor
- Digital Auto Pilot/Flight Director
- Flight Management System Software
- Flight Controls System
- Air Data System
- Integrated Vehicle and Mission Management System
- Attitude Heading Reference System
- Inertial Navigation System/GPS
- Traffic Collision Avoidance System
- Early Ground Warning System
- Communications Management Unit
- SATCOM System
- UHF/VHF Voice/Data Radio
- HF Data Radio
- Multi Mode Receiver
- Radar Altimeter
- Weather Radar System

# 軍用回転翼機用ハネウェル製品の代表例

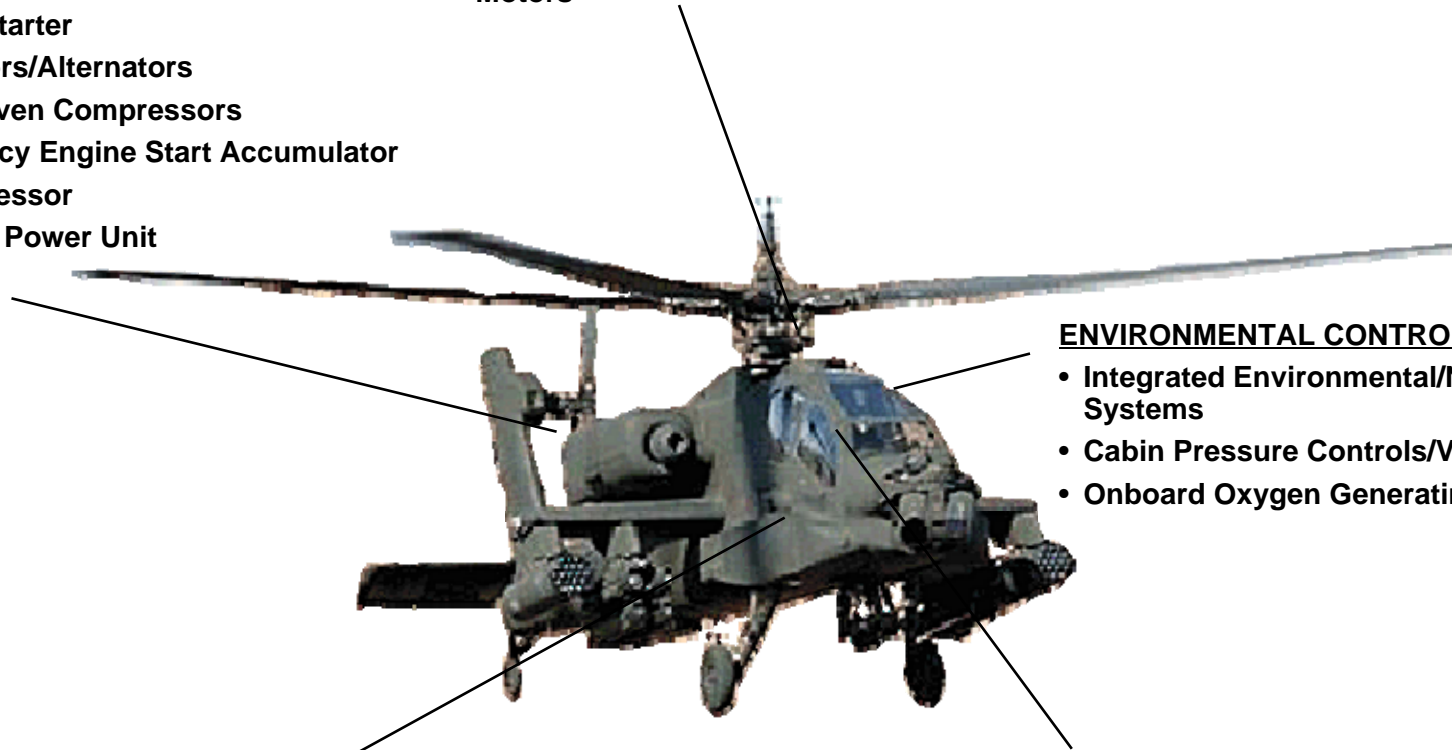
## Products for Military Rotary Wing

**Honeywell**

### ENGINES & AUXILIARY POWER

- Turboshaft Engines
- Engine Fuel Controls and Geometry Actuators
- Engine Starter
- Generators/Alternators
- Shaft Driven Compressors
- Emergency Engine Start Accumulator
- IR Suppressor
- Auxiliary Power Unit

Transmission/Gearbox Cooling  
Pneumatic Hydraulic Pumps and Motors



### ENVIRONMENTAL CONTROLS

- Integrated Environmental/NBC Control Systems
- Cabin Pressure Controls/Valves
- Onboard Oxygen Generating System

### AVIONICS

- Air Data System
- Digital Map System
- Fault Isolation/Diagnostics
- Flight Control System
- Cockpit Displays & Consoles
- Displays and Mission Processor
- Weather Radar
- Radar Altimeter
- Ground Proximity Warning Systems
- Inertial Navigation System/GPS

Weapons Control and Management  
Integrated System Processors

# 軍用無人機用ハネウェル製品の代表例

## Products for Military UAV

**Honeywell**

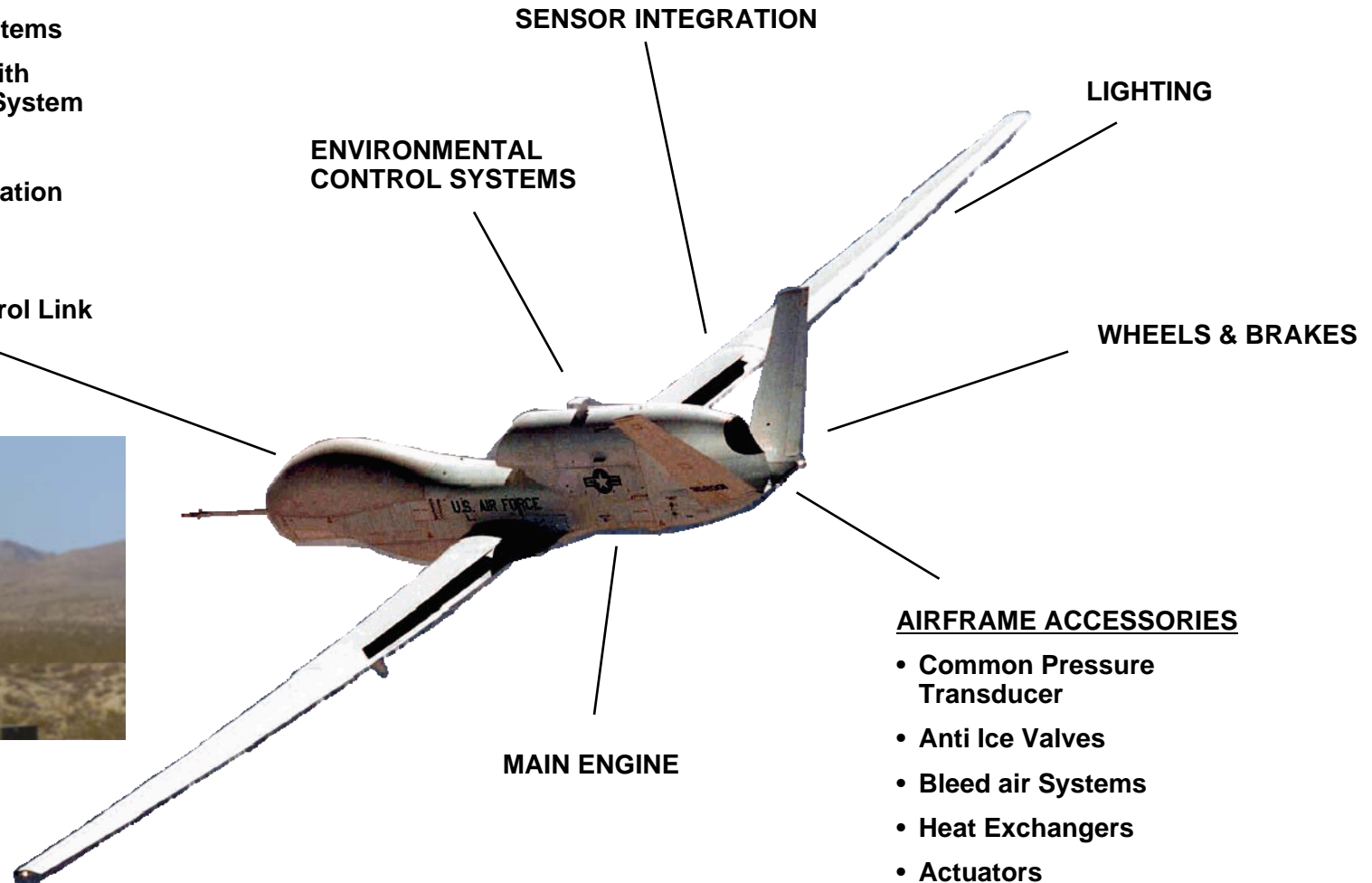
*NOTE:* This platform type category intro page depicts a GENERIC platform with a listing of all products and services Honeywell provides.

### AVIONICS

- Flight Control Systems
- Radar Altimeter with Integral Antenna System
- Air Data
- Guidance & Navigation
- Vehicle Health Management
- Command & Control Link



**T-Hawk MAV**  
**(Micro Air Vehicle)**

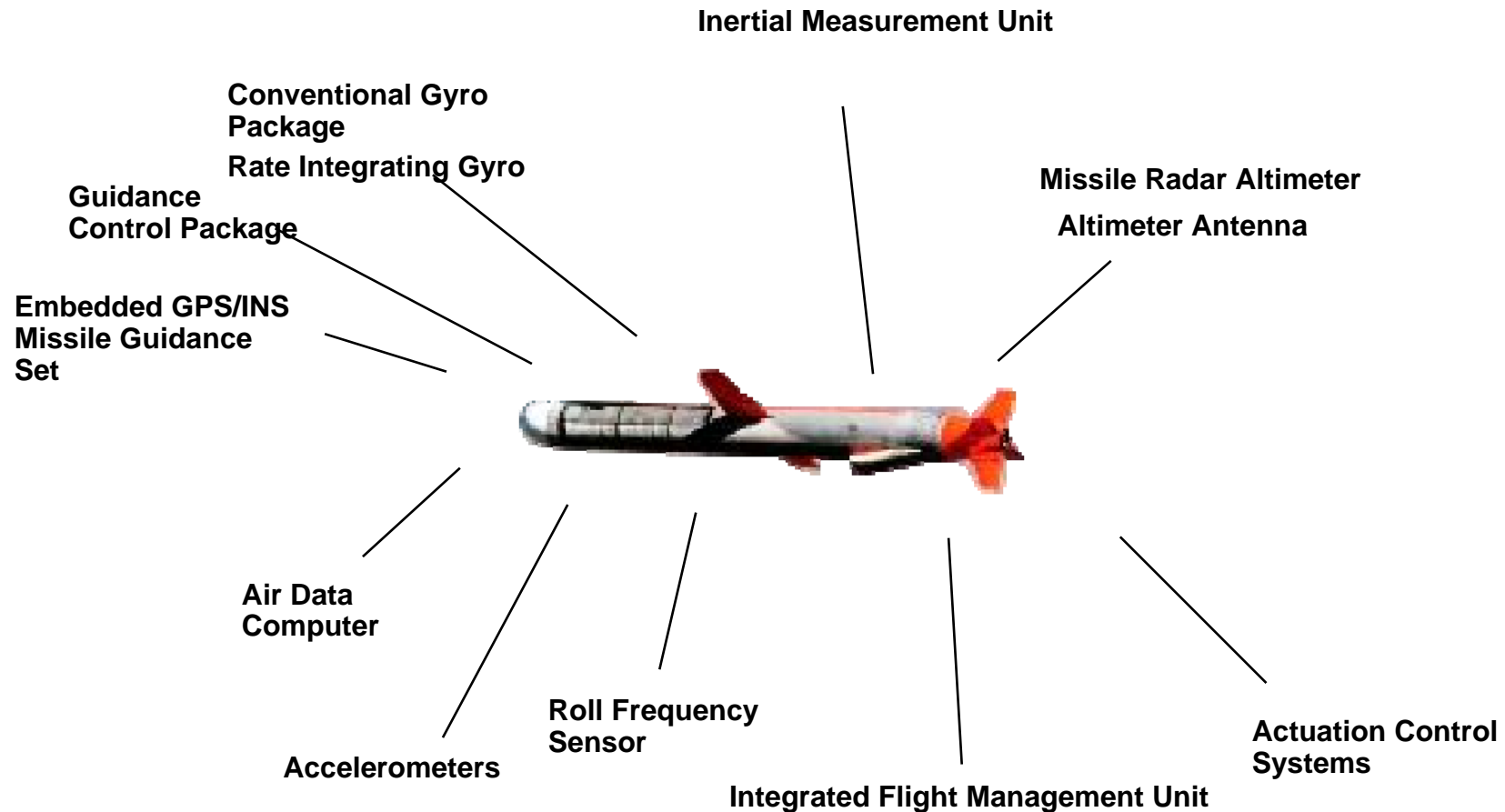


# ミサイル用ハネウェル製品の代表例

## Products for Missile

**Honeywell**

*NOTE:* This platform type category intro page depicts a GENERIC platform with a listing of all products and services Honeywell provides.



# 軍用車両用ハネウェル製品の代表例

## Products for Surface Vehicle

**Honeywell**

*NOTE:* This platform type category intro page depicts a GENERIC platform with a listing of all products and services Honeywell provides.

### AVIONICS

- Navigation System
- Enhanced Precision Land Survey System
- Multifunction Display System
- Display and Mission Processing
- Digital Terrain Map
- Mass Memory Unit

### ENGINE & ENVIRONMENT CONTROLS

- Turbine Engine
- Recuperator
- Fuel Controls
- Bleed Air System
- Power Management Generation System
- Environmental Control System

### SOFTWARE

- Terrain Situation Analysis
- Communications Management
- Navigation Processing
- Platform Health Diagnostics and Prognostics
- Tactical Data Analyst



# サマリー Summary

Honeywell

- **弊社は世界の航空機装備品メーカーのリーダーです。**
  - Honeywell is the one of top leading Aircraft equipment manufacturer in a World.
- **シックスシグマプラスの手法を用いて、より上級の製品及びサービスに挑戦しています。**
  - Applying Six Sigma Plus, Honeywell is challenging to provide higher value of products and services.
- **米軍を除き、単一国としては、日本の防衛省殿が最大でありまた最も重要なユーザーです。**
  - Japan Ministry of Defense is the biggest and most important customer for Honeywell outside U.S. Military.
- **防衛省殿発足時より多機種、多分野の製品をご採用頂いております。既存プログラム**の支援を確実に実施してまいります。
  - Honeywell have been serving various products for JMOD since established. Honeywell commitment to continue to support the existing programs.
- **弊社の防衛省殿との取引は、すべて販売代理店である商社を通じ実施しております。商社は、弊社にとって重要なパートナーです。**
  - Honeywell has been working with trading companies in Japan to support MOD programs. Trading companies are important partner for us.
- **エンドユーザーから、またエンドユーザーに最も近いパートナーから、より良いサービスを提供するための提案を歓迎いたします。**
  - Honeywell welcomes any Voice of Customers to provide valued solutions.

**Honeywell**

The unlimited

**partnership**