DEUTSCHE BANK GLOBAL AUTO INDUSTRY CONFERENCE
Terrence Hahn, President And CEO, Transportation Systems
Forward Looking Statements

This report contains “forward-looking statements” within the meaning of Section 21E of the Securities Exchange Act of 1934. All statements, other than statements of fact, that address activities, events or developments that we or our management intend, expect, project, believe or anticipate will or may occur in the future are forward-looking statements. Forward-looking statements are based on management’s assumptions and assessments in light of past experience and trends, current economic and industry conditions, expected future developments and other relevant factors. They are not guarantees of future performance, and actual results, developments and business decisions may differ from those envisaged by our forward-looking statements. Our forward-looking statements are also subject to risks and uncertainties, which can affect our performance in both the near- and long-term. 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.
**Golden Age Of Turbos**

**Honeywell Technology**
- Energy / Environmental Solutions >50% Of HON Portfolio
- Aerospace Technology Heritage R&D Innovation Leverage
- Global Engineering And Operations ~100 Launches In 2015

**Industry Penetration**
- Turbo Penetration Steepens 33% To 47% By 2020
- Robust Long Term Growth >$20B Market At Maturity
- Regulation Driven Worldwide Independent Of Oil Price
- Boosting Benefits Gas, Diesel, Hybrid Clean Diesel And Fuel Economy

**Honeywell Growth**
- Business Wins Accelerating >40% Win Rate
- China And Americas Growth 75% Of Total Sales Growth
- Outpacing Industry In Gasoline ~20% Sales CAGR
- Electrification And Software One Honeywell Technology

Technology And Penetration For HON Growth
Who Is Honeywell?

~$40B Global Industrial Company, 55% Of Sales Outside U.S.
~22,000 Engineers With 50%+ Focused On Software

(2014 Sales)

Aerospace

$15.6B Sales

IntuVue® 3D Weather Radar

Leading Connected Aircraft

• Mechanical, Cockpit, & Software Offerings From Nose To Tail
• Apps, Services, Maintenance, Subscriptions
• End-To-End Connectivity Solutions From Hardware To Airtime
• Turbochargers for Fuel Efficiency

Automation & Control Solutions

$14.5B Sales

Connecting Homes, Buildings, & Workers

• Connecting Homes With Lyric
• Open Software Connecting Internet Of Things In Buildings
• Wireless, Voice, Mobility, Data Analytic Solutions For Workers
• Targeted NPI Growing In HGRs

Performance Materials & Technologies

$10.2B Sales

Orion Console

Winning Technology

• Solstice® LGWP Materials
• Aclar® Pharma Packaging
• Gas Processing Modular Offerings
• Refining & Petrochemical Catalysts
• SmartLine Transmitter
• Asset Optimization Software

Aligned To Key Global Macro Trends
Technology Advantage

**Aerospace Innovation**
- Gulfstream G280 Jet Engine
- Boeing 737 APU
- Apache AH-64 APU
- Titanium Compressor
- Turbine Aerodynamics
- High-Speed Ball-Bearing

**Leading Performance**
- Gas Flow Modelling
- High Temperature Materials
- High Speed Rotors
- Aerodynamic Performance
- Rapid Transient Acceleration
- Lifetime Reliability

**Customer Value**
- 3.0L Gasoline
- 2.0L Diesel
- 9.0L Diesel
- Fuel Economy
- Driving Performance
- Productivity

Jet Engine Technology...And More
Honeywell TS | Global Engineering & Operations

Forecasted Turbo Market Penetration By Region

- **CHINA**
  - 2015: 28%
  - 2020: 47%

- **NORTH AMERICA**
  - 2015: 23%
  - 2020: 39%

- **EUROPE**
  - 2015: 69%
  - 2020: 73%

- **INDIA**
  - 2015: 43%
  - 2020: 48%

- **JAPAN**
  - 2015: 22%
  - 2020: 27%

- **SOUTH KOREA**
  - 2015: 48%
  - 2020: 53%

- **SOUTH AMERICA**
  - 2015: 20%
  - 2020: 30%

Source: Honeywell Forecast

- Honeywell Footprint Matches Auto Makers Manufacturing Footprint
- Supplying Automotive Customers For Global And Local Platforms
- All Regions Adopting Turbo Driven By Regulation And Fuel Economy
Turbo Market Growth

Global Turbo Penetration

- 2000: 33%
- 2010: 47%
- 2020: ~70%
- 2030: 100%
- 2040: Maturity

During The Next 5 Years...

- ~$20B Market Size
- 15% CAGR In Light-Vehicle Gas-Turbo Engines
- 52 Million Annual Turbocharged Vehicle Sales
- +18 Million Turbocharged Vehicles Produced (+9% CAGR)

Source: Honeywell Forecast

Well Positioned For Growth In 2016 And Beyond
Turbo Market Growth | Regulatory Driven

Fuel Economy Requirements

- **57 MPG**
  - ~27% improvement by 2021
- **48 MPG**
  - ~41% improvement by 2020
- **56 MPG**
  - ~61% improvement by 2025
- **39 MPG**
  - ~11% improvement by 2016

- **46 MPG**
  - ~3% improvement by 2020
- **57 MPG**
  - ~54% improvement by 2020
- **49 MPG**
  - ~17% improvement by 2021
- **41 MPG**
  - ~11% improvement by 2017

Sources: ICCT Fuel Economy Standards – November 2014 Light Vehicles Only
^Under Study - Not Enacted Yet
^^ Improvement Percentages In Fuel Economy In Each Region Are Relative To A 2013 Baseline, Except For Japan & India (2012), S. Korea & Mexico (2011)

Turbos Help Meet Strong Standards

- **240 HP**
  - 3L V6 Non-Turbo
  - 2L 4 Cyl. Turbo

- **20-40% Fuel Efficiency**
- **17% Torque**
- **11% CO2 Emissions**

• Independent Of Oil Price
• Technology Available To Meet Regulations
Boosting Benefits All Fuels

**Turbo Gasoline**
- Ford 2.3L Mustang
- +14% Torque
- +19% MPG
- 3.7L V6 Naturally Aspirated Gasoline
- Downsized for fuel economy
- Quiet, smooth operation
- Ethanol and flex-fuel compatible

**Turbo Diesel**
- Chevy Colorado 2.8L
- +37% Torque
- +19% MPG
- 3.6L V6 Naturally Aspirated Gasoline
- High energy content fuel
- High efficiency combustion
- Low emission aftertreatment

**Turbo Hybrid Electric**
- Audi Q7 e-Tron 3L Diesel
- +59% Torque
- +130% MPG
- 3.0L V6 Supercharged Gasoline
- Best fuel economy and transient
- Zero-emission city driving
- Candidate for electric boosting

Turbochargers... A no compromise solution
Honeywell Growth

Business Wins Accelerating

China And Americas Penetration Growth

Outpacing Industry In Gasoline

> 40% Win Rate

75% Of Total Sales Growth

~20% Sales CAGR*

* Source: Company Estimate For OEM Channel Only, Assuming Constant Currency
Breakthrough Innovation

**Electric Boosting**

- Honeywell Aerospace
  - Cabin Air-Pressure Pump

Honeywell eCharger
- Electrically-Driven Compressor

**Honeywell Advantage**
- Integrated Boosting System Design
- High-Speed Aerodynamics
- Durable Bearings And Seals

**Software**

- Honeywell Process Solutions
  - Experion™ Industrial Process Control

Honeywell OnRAMP
- Multi-Parameter Powertrain Control

**Honeywell Advantage**
- Complex Multi-Parameter Control
- Robust And Certified Coding Techniques
- Secure, Large-Scale Data Handling

‘One Honeywell’ Technology
Key Honeywell Applications At NAIAS*

* Sample Of Vehicles Boosted by Honeywell On Display This Week
Summary

**Honeywell Technology**
- **Energy / Environmental Solutions**: >50% Of HON Portfolio
- **Aerospace Technology Heritage**: R&D Innovation Leverage
- **Global Engineering And Operations**: ~100 Launches In 2015

**Industry Penetration**
- **Turbo Penetration Steepens**: 33% To 47% By 2020
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Technology And Penetration For HON Growth
Terrence Hahn | President and CEO | Transportation Systems

• Terrence Hahn is President and CEO of Transportation Systems and an officer at Honeywell, a Fortune 100 company that invents and manufactures technologies to address some of the world’s toughest challenges linked to global macrotrends such as energy efficiency, clean energy generation, safety and security, globalization and customer productivity.

• Since being named to the role in early 2013, Terrence has guided the rapid global expansion of the Transportation Systems business by delivering the no compromise solution of increased fuel efficiency and reduced tailpipe emissions all with higher torque enhancing the fun to drive factor for the automotive consumer. Since his arrival the business is launching several hundred engine programs and securing a record number of new program wins with passenger and commercial vehicle manufacturers around the world. His customer-focused approach has delivered much improved financial and operational performance and the business was named a finalist for the prestigious Automotive News PACE Award for innovation.

• Before Transportation Systems, Terrence was Vice President and General Manager of Honeywell’s Fluorine Products business, a global materials development leader in energy efficiency and environmental compliance solutions. During his time with Fluorine Products, Terrence transformed the business, developing the Solstice™ platform of non-ozone depleting and low global warming potential materials to meet the demands of the HVAC, appliance, supermarket, insulation, automotive and consumer products industries. He also expanded the business footprint into Asia, while creating step-change improvements in cross-functional operations and business profitability, all with a deep commitment to providing customer value.

• Prior to joining Honeywell in 2007, Terrence spent nearly 20 years with Air Products and Chemicals, Inc. He last served as senior director for the company’s global Electronic Specialty Materials business based in Taiwan. Terrence also served in a number of other capacities for Air Products, including country manager for Malaysia, business development manager for refinery hydrogen, and on-sites manager for Canada. He also was integration business leader for the company’s acquisition of Ashland’s Electronic Chemicals business in 2003.

• Terrence earned bachelor’s and master’s degrees in materials science from Lehigh University, and an MBA from the Wharton School at the University of Pennsylvania.