



UNITED BY INNOVATION

United Technologies is a leader in the global building and aerospace industries. Our large investments in technology enable us to develop new and improved ways to keep people safe, comfortable, productive and on the move. By combining a passion for science with precision engineering, we create the smart, sustainable solutions that move the world forward.

Otis

The world's leading manufacturer and maintainer of people-moving products, including elevators, escalators and moving walkways.

Found in some of the world's most iconic buildings such as the Empire State Building in New York

Our factory in Florence, S.C. — a manufacturing center of excellence for the U.S. and Canada — produces the innovative Gen2® and HydroFit™ elevator models, as well as state-of-the-art controllers with energy-conserving ReGen® drives

UTC Climate, Controls & Security

UTC Climate, Controls & Security promotes safer and smarter sustainable buildings with state-of-the-art fire safety, security, building automation, heating, ventilating, air-conditioning and refrigeration systems and services.

Almost 1 in 3 U.S. homes with central air conditioning, heat pumps or gas furnaces uses a UTC Climate, Controls & Security product

Since 2002, Kidde has donated more than 1 million smoke and carbon monoxide alarms to fire departments

Pratt & Whitney

A global leader in the design, manufacture and service of aircraft engines and auxiliary power units.

Pratt & Whitney military engines power front-line fighters and transport aircraft for 29 armed forces around the world

Customer demand for the Geared Turbofan™ engine remains exceptionally strong with more than 8,000 orders, including options, at the end of 2016

UTC Aerospace Systems

One of the world's largest suppliers of advanced aerospace products and systems for commercial, military and space customers.

All six strategic business unit headquarters are located within the U.S.

UTC Aerospace Systems' Riverside, Cal. facility earned the city's first Green Business award

United Technologies Research Center (UTRC)

Working with the business units of UTC—as well as with leading universities, national laboratories and other international organizations—UTRC focuses on leading-edge technologies that provide elegant solutions to some of the world's most complex challenges.

UTC COMPANIES

More than 200,000 employees

Net sales of \$57.2 billion worldwide in 2016

Company- and customer-funded R&D investment of \$3.7 billion in 2016

UTC COMPANIES U.S.

Nearly 65,000 employees

EMPLOYEE SCHOLAR PROGRAM ^{1, 2}

Launched in 1996, the UTC Employee Scholar Program covers the cost for employees to continue their education in any field they choose.

UTC		
\$1.2B+ invested	38,500+ degrees earned	6,000+ currently enrolled
U.S.		
\$1B+ invested	28,000+ degrees earned	5,500+ currently enrolled

HEADQUARTER LOCATIONS

Otis: Farmington, Conn.
UTC Climate, Controls & Security: Jupiter, Fla.
Pratt & Whitney: East Hartford, Conn.
UTC Aerospace Systems: Charlotte, N.C.
United Technologies Research Center: East Hartford, Conn.



¹ December 31, 2016

² Since program launch in 1996

HISTORY IN THE U.S.

- 1853:** Elisha Graves Otis invents the safety elevator
- 1881:** Robert Edwards patents the first electric alarm bell
- 1902:** Willis Carrier designs the first modern air-conditioning system
- 1909:** BF Goodrich enters aerospace equipping many of the first planes built in the U.S. with airplane tires
- 1910:** Thomas F. Hamilton and Paul J. Palmer found Hamilton & Palmer, building gliders and seaplanes in Seattle, Wash.
- 1917:** Walter Kidde founds the Walter Kidde Company, which produced the first integrated smoke detection and carbon dioxide extinguishing system for use on board ships
- 1925:** Pratt & Whitney Aircraft Company founded by Frederick B. Rentschler
- 1929:** Pratt & Whitney becomes part of United Aircraft & Transport Corporation
United Aircraft & Transportation Corporation's Research Division — the precursor to United Technologies Research Center — is founded
- 1953:** Pratt & Whitney's J57 engine powers the first supersonic flight
- 1969:** Hamilton Standard and Goodrich provide critical systems to the Apollo 11 moon landing — from the sensors in Neil Armstrong's backpack to environmental systems aboard the spacecraft
- 1970:** Pratt & Whitney's F100 engine is selected to power the F-15 Eagle
- 1975:** United Aircraft changes its name to United Technologies; company acquires Otis Elevator
- 1979:** UTC acquires Carrier Corporation, an air conditioner manufacturer
- 1993:** Carrier becomes a founding member of the U.S. Green Building Council® — is the first company in the world to join the organization
- 1999:** UTC acquires Sundstrand Corp. and merges it with Hamilton Standard to create Hamilton Sundstrand
- 2000:** Otis develops Gen2® elevator system
- 2003:** UTC acquires Chubb plc, a provider of electronic security and fire safety solutions
- 2005:** UTC acquires fire safety company Kidde
- 2006:** The F-35 Lightning II has its first flight powered by the Pratt & Whitney F-135 engine
- 2007:** Pratt & Whitney's PurePower® Geared Turbofan™ engine completes first test flights
- 2009:** UTC's Berkeley, Cal. location opens, focusing on service technologies and autonomous and security systems
- 2011:** UTC forms UTC Climate, Controls & Security, which combines Carrier and UTC's fire and security business
- 2012:** UTC closes its acquisition of Goodrich and combines the company with Hamilton Sundstrand to form UTC Aerospace Systems
- 2016:** Groundbreaking of the new UTC Center for Intelligent Buildings in Florida
PurePower® GTF Engine enters commercial service on the Airbus A320neo and the Bombardier C Series
The F-35A Lightning II, powered by Pratt & Whitney's F135 engine, achieve initial operational capability approval

ACTIVITIES OF UTC COMPANIES IN THE UNITED STATES



The F-35 Lightning II, powered by Pratt & Whitney's F135 engine, is the most technologically advanced fighter jet in history.



A UTC Aerospace Systems technician in Windsor Locks, Conn., performs final assembly checks on a PW1500G Full Authority Digital Engine Controller.



The Otis Gen2® compact gearless elevator has transformed the industry, replacing conventional steel ropes with flexible coated steel belts to minimize noise, vibration and energy consumption.



The new, expanded-capacity AquaEdge™ water-cooled chillers from Carrier are designed to provide sustainable, reliable and quiet operation for the large commercial buildings, data centers and infrastructure projects of today's fast-growing cities.



Pratt & Whitney's game-changing PurePower® Geared Turbofan™ engine went into service early in 2016 on a Lufthansa Airbus A320neo. By the end of the year the engine was powering both Airbus A320neo and Bombardier C Series aircraft.



Landing gear from UTC Aerospace Systems can be found on most of the leading commercial transports, including Boeing's 777 family of aircraft.



Otis installed the original elevators in The Empire State Building in 1930. More than 80 years later, we are modernizing these elevators as part of an extensive building refurbishment.



Products from Otis, Carrier, Edwards, Kidde and Automated Logic have been chosen for New York City's landmark Hudson Yards project, the largest private real estate development in U.S. history.



OTIS
PRATT & WHITNEY
UTC AEROSPACE SYSTEMS
UTC CLIMATE, CONTROLS & SECURITY
UNITED TECHNOLOGIES RESEARCH CENTER

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