

Columbus

Georgia, Operations

Includes the Columbus Engine Center, responsible for engine overhauls, and Columbus Forge, which provides forged jet engine parts



Overview

- The Columbus, Georgia, facility houses the Columbus Engine Center and Columbus Forge (Disks/Blades)
- The Georgia site was originally built in 1984 as a Pratt & Whitney compressor and turbine disk and compressor airfoil manufacturing facility for F100 engine parts
- The Columbus Engine Center, established in 1996 to overhaul Pratt & Whitney JT8D engines, transitioned to V2500 engine overhaul in 2002
 - In 2011, the Engine Center added F117 and PW2000 overhaul capability
 - The Columbus Engine Center is North America's leading provider of V2500 engine overhaul, having serviced more than 1,000 V2500 engines to date
 - In 2014, the Engine Center added F100 overhaul capability
 - In 2016, the company announced a \$65 million investment in the Columbus facility to add maintenance capability on Pratt & Whitney's next-generation PurePower® Geared Turbofan™ (GTF) engines, which offer double-digit improvements in fuel consumption, noise, environmental emissions and operating costs
- Columbus Forge produces disks, seals, rings, hub and blade forgings for the full range of Pratt & Whitney engines – including GTF engines and the next-generation F135 powerplant for the F-35 tactical fighter – as well as industrial gas turbines
 - Columbus Forge is Pratt & Whitney's U.S.-based source for isothermal forgings and post processing
 - Pratt & Whitney's ability to advance engine technology is made possible in part by an ability to rapidly develop super alloys
 - Columbus Forge's core competency is its unique isothermal forging process and its metallurgical development, a process based upon powder metallurgy and super-plastic forming technology developed and patented by Pratt & Whitney

Relevant Facts

- 965,650 square feet (89,711 meters) of floor space
- 781,000 square feet (72,557 meters) of production space
- Operations situated on 330 acres
- More than 1,200 employees spread across three sites
- Facilities & Services has gone 20 years without a lost-time accident and received the Best Industrial Pre-Treatment Plant of the Year Award from the Georgia Association of Water Professionals
- The Columbus site was nominated for the 2015 Georgia Manufacturer of the Year Award. The site won the 2015 Jessie J. Taylor, Membership of the Year Award from the Urban League of Greater Columbus, Inc.; and the Top 10 Partnership of the Year Award from Partners in Education of Greater Columbus, Georgia



- The Columbus site's team "Pratt in the Community" won the 2015 Pratt & Whitney Roadmap Award for Employee Engagement
- The Columbus site was awarded the 2014 Chairman's Award for Excellence by the United Way of Chattahoochee Valley, and has won the Pratt & Whitney Crystal Eagle Award – United Way Special Events – Highest Total Dollars Raised – every year between 2012 and 2016
- The Columbus site is committed to positively impacting the community where its employees live and work through company sponsorships and employee-led volunteer initiatives, including: Relay for Life, Thunder in the Valley Airshow, Russell County Children's Advocacy Center, United Way Women's Center Leadership Council – Power of the Purse, the American Cancer Society's Breast Cancer Awareness Month, the Tri-City Latino Festival, Wreaths Across America and FIRST® Robotics



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