

PRATT & WHITNEY



For nearly 100 years, Pratt & Whitney has been a world leader in the design, manufacture and service of aircraft and helicopter engines, and auxiliary power units. It offers engines for next generation fighters and commercial aircraft, and leads the industry with its game-changing Geared Turbofan™ (GTF) engine.

Its large commercial engines power more than 25 percent of the world's mainline passenger aircraft fleet, and maintains another 60,000 engines in service spanning general aviation, regional turboprops, business aviation, civil helicopters and auxiliary power units (APU) segments in more than 200 countries and territories worldwide.

A world leader in sustainable propulsion, Pratt & Whitney supports its customers' goals to achieve net zero CO2 emissions by 2050 through a strategic framework for powering the future of sustainable aviation – advancing smarter aircraft propulsion technologies, enabling aviation's transition towards cleaner fuels, and protecting the environment through greener and more efficient manufacturing and operations.

Regional Footprint Located in Singapore

Today, it is an established player in this region's aviation industry with 40 years of footprint in Singapore and Asia Pacific. It operates businesses that provide aircraft engines and parts repair and overhaul, supply aero-engine materials, offer customer training, perform highly skilled, aftermarket repair R&D services and maintain partnerships that shape local aerospace industries.

World Class Manufacturing Operations

Complementing its MRO network, Pratt & Whitney expanded manufacturing operations in key markets around the world, including China and Singapore. With a nearly US\$110 million investment in the Seletar Aerospace Park, it established a

facility manufacturing hybrid metallic fan blades and high pressure turbine disks for the GTF family of engines.

MAINTENANCE, REPAIR & OVERHAUL

- **Component Aerospace Singapore Pte Ltd**, a JV with SIA Engineering Co, specializes in the repair and overhaul of combustion chambers, fuel nozzle injectors and guides, low pressure turbine ducts, high pressure turbine supports, heat shields, band segments, tubes, ducts, manifolds and sync rings.
- **Eagle Services Asia Pte Ltd**, a JV with SIA Engineering Co, serves as a global center of excellence for Pratt & Whitney's PW4000 family of engines (namely PW4000-94, PW4000-100 and PW4000-112 models). It provides maintenance, repair and overhaul services also for large commercial engines GE90, GP7200 and PW1100G-JM and maintains extensive in-house repair capabilities.
- **Pratt & Whitney Canada (SEA) Pte Ltd** provides overhaul and repair services for PW100 engines and APU (APS3200), as well as heavy engine maintenance for PT6A/B/T, PW150 and PW200 engines; while also providing engine rental services, engine event management and mobile repair for helicopter, business, general and regional aviation aircraft operators. It also operates the company's dedicated Asia hub, where a frontline support team enables service centers to stay responsive to customers.
- **Pratt & Whitney Component Solutions Pte Ltd** specializes in repair and overhaul of airseals, carbon seals, rotating seals, as well as low pressure compressor stators, high pressure compressor shrouds and variable vanes, low pressure turbine duct assemblies and fan exit guide vanes for large commercial aircraft engines.
- **Turbine Overhaul Services Pte Ltd**, a JV with ST Engineering Aerospace, specializes in the repair and overhaul of turbine and compressor airfoils for large commercial aircraft engines and industrial gas turbines, using advanced coating technologies

MANUFACTURING

- **P&W NGPF Manufacturing Company Singapore Pte Ltd**, a JV with Hanwha Aerospace Co, manufactures fan blades and high pressure turbine disks for Pratt & Whitney's GTF engines.

Pratt & Whitney Singapore Headquarters – Regional Office

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