



SINGAPORE



SINGAPORE FACILITY PROVIDES A BROAD RANGE OF AVIATION COMPONENT INSPECTION REPAIR, AND OVERHAUL SERVICES. THE RESULTING COMPONENTS ARE FULLY SERVICEABLE AND CERTIFIED, READY FOR IMMEDIATE INSTALLATION INTO THE CUSTOMER'S ENGINE.

REPAIRS IN THESE AND OTHER ENGINE MODELS

Pratt & Whitney – JT9D,
PW4000, PW4168

PRODUCTS

PW4000 FB2B Phase II Fan Blades
PW4000 FB2C Phase III Fan Blades
PWA JT9D-3/7/20 Fan Blades
PWA JT9D-7Q/59A/70 Fan Blades
PWA JT9D-7R4 Fan Blades
PW 4168 Fan Blades

FINISHING AND MACHINING CAPABILITIES

Automated machining processes for improved process reproducibility

Blending
CNC Drilling
CNC Milling
Epoxy Sealing
Lapping
Surface Grinding
Vertical CNC Milling

HEAT TREATMENT AND BRAZING

Vacuum Furnace
Hot straightening

CERTIFIED WELDING

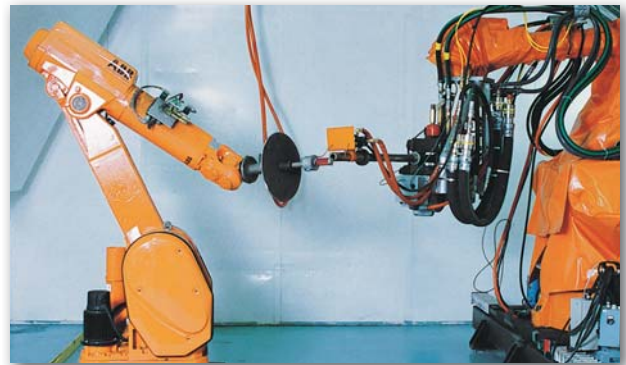
Electron Beam

SURFACE TREATMENTS

Alkaline and acid cleaning
Chemical Strip
Shot peen
Vibratory finish

COATINGS

Detonation Gun
Plasma Spray
HVOF Thermal Spray



AVIATION COATINGS

INSPECTION AND NON-DESTRUCTIVE TESTING

CMM digital scanning
Eddy Current
Fluorescent penetrant
Gaging and dimensional
Moment weigh
Surface Texture Measurement
X-Ray
Ultrasonic

CERTIFICATIONS AND QUALITY ASSURANCE

CAAS Certificate of Approval No. AWI/116
FAA Air Agency Certificate No. PX6Y136J
CAAC Maintenance Organization Certificate No. F.2316
EASA Approval Certificate No. 145.0026
DCA Malaysia Certificate No. AO/0122/08
AS9100 : 2000 Certificate No. 126785
Nadcap Coatings Certification No. 119845
Metallurgical Lab

AVIATION COATING

CFM56 Compressor Blades
GE Rear Compressor Case – OEM
Rolls-Royce Thrust Link – OEM
PWA Rear Nut – OEM
Rolls-Royce Engine Mount – OEM

WE ALSO OFFER COATING AND REPAIRS FOR THE OIL FIELD INDUSTRY

Oil Field Gates
Oil Field Seats
Oil Field Stems

Asian Surface Technologies Pte. Ltd
A Joint Venture between PAS Technologies,
SIA Engineering Co., and Pratt & Whitney



PEENING OF AIRFOIL TO RESTORE FATIGUE STRENGTH OF BLADE



ELECTRON BEAM WELDER



OIL FIELD GATES & SEATS WITH D-GUN™ AND HVOF COATINGS

Contact us for a comprehensive portfolio of capabilities, services, fast turnaround times, consistent and repeatable results.

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