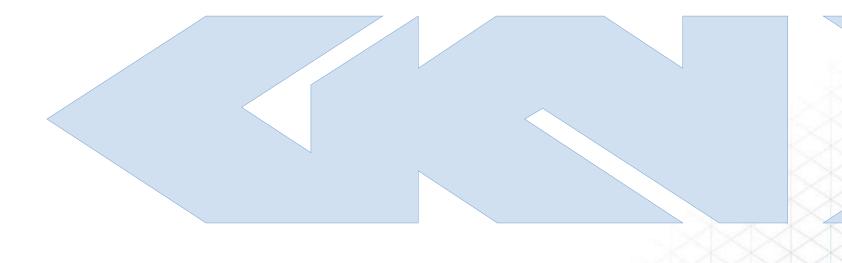


GKN Aerospace Sweden – the UK-SE call

Robert Lundberg, Director European RnT Programmes





GKN Aerospace: A leading global tier 1 Aerospace supplier

Strong focused businesses, sales £3.53 billion (2018), 18,000 employees.

Aerostructures 63% - £2.2bn



Engine Systems 32% - £1.1bn



Special Technologies 5% - £0.2bn





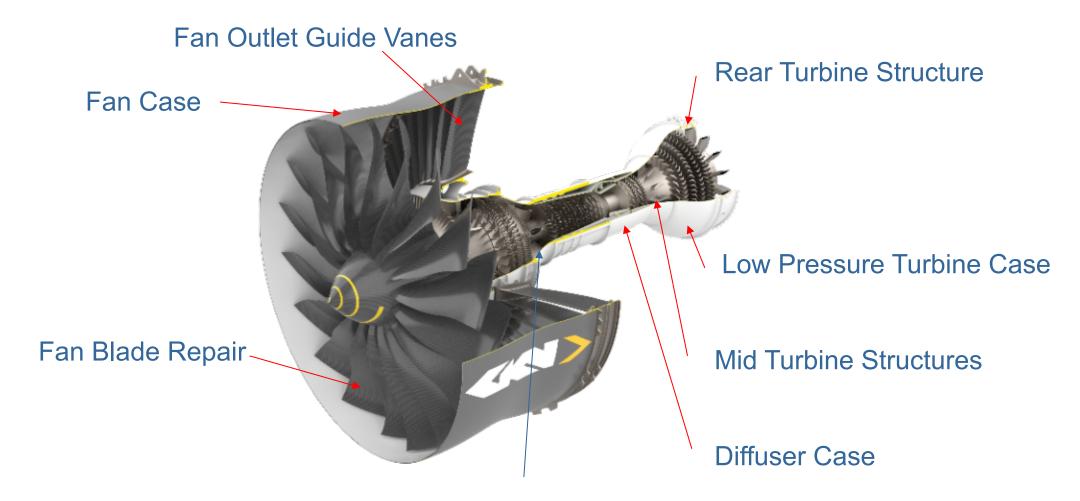
GKN Aerospace Sweden AB





GKN Aerospace Sweden - Specialisation





Compressor Structures



We have a strong presence in today's aircraft fleets

More than 90 percent of all new large commercial aircraft engines use our components.

For these aircraft we provide:

- > Engine components
- > Engine technology
- > Engine technical support
- > Engine MRO services
- > Parts Repair











GP7000, Trent 900

Airbus A350 Trent XWB

CF6-80, PW4000, Trent 700

Airbus A330neo Trent 7000

CFM56, V2500











PW1100G, LEAP-1A

Boeing 747-8 GEnx

Boeing 787 GEnx, Trent 1000

Boeing 777 GE90, PW4000, Trent 800

Boeing 777-9X GE9X















CF6-80, PW4000

Booling 737MAX LEAP-1B

CFM56

Rombardier C-series PW1500G

Bombardier Challenger 605 CF34















COMAC C919

Cessna Citation X

Cessna Citation Hemisphere Silvermest

Dassault Falcon 5X Silvermest

Embraer 170/175/190/195 (E2) CF34, (PW1700G, PW1900G)



Tay 650



Tay 611-8



PW1400G

Irkut MC-21



Mitsubishi MRJ (MITAC) PW1200G

Boeing F-15 Eagle



Boeing F/A-18 E/F Super Hornet Boeing C-17 Globemaster



F117/PW2000



Lockheed Martin F-35 JSF F135



Lockheed F-16 Falcon F110



RM12 OEM



A partner in important engine programmes



GP7000 GE-P&W Engine Alliance

Airbus A380



GEnxGeneral Electric

Boeing 787 Boeing 747-8



Trent XWB
Rolls-Royce

Airbus A350 XWB



PW1000 Family Pratt & Whitney

Airbus A320neo MRJ Bombardier C-series

LEAP CFM

A320neo
Boeing 737 MAX



Boeing 787





Technology success stories

Titanium Additive Layer Technology



Intermediate compressor case

Robotic Laser Welded Primary Engine Structures





Turbine exhaust case (TEC)

Automated Composite Engine Structures



Fan static module



GKN Aerospace Sweden – Potential topics

- Supply chain development New materials (Ni, Ti, Al & composites)
- New material forms AM / 3D-print
- Advanced manufacturing
- Automation Ind4.0
- Non destructive testing
- Manufacturing process simulations
- Innovative propulsion systems (low TRL)





COVID19

Due to the COVID19 situation GKN Aerospace Sweden is now implementing reduced working hours (furlough).

Within the RnT centre this typically means workning 3 days per week (no overtime allowed).

For most of us that means we work only Tuesday-Thursday for the next 10 weeks

This will affect our ability to prepare proposals

Extending the call deadline to 1 October would be welcome.



Thanks

