



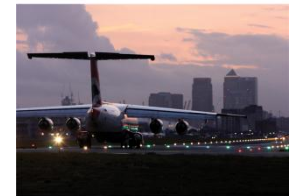
Company Presentation

- P/A ENGINEERING provides structural engineering solutions to the aerospace industry.
- Extensive experience in design, static stressing and F&DT of aircraft structures.
- Office located in Bristol with an excellent local skill-base.
- Network of experienced engineers provide additional resource as required.



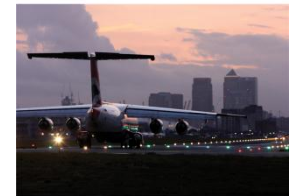
Expertise in the following domains :

- **Aircraft structural stress analysis**
 - 'Hand' calculations; Bruhn, Niu, Roark etc
 - Certification reports for EASA / FAA.
- **Finite element analysis**
 - MSC Nastran & Patran licence on site.
 - FEMAP and other codes available as required.
 - Experience of metallic and composite structure.
- **Composite structures**
 - Analysis of composite structure.
- **Fatigue and damage tolerance**
 - Proven experience on Bombardier and Boeing aircraft.
 - Industry standard tools - NASGRO and AFGROW.
 - Part 26 support for continued airworthiness.



Expertise in the following domains, cont'd :

- **Repair of aircraft structures**
 - Provision of repair design with supporting analysis and approval.
 - Proven experience on Airbus, Boeing and BAe 146/RJ.
 - Engineers have held stress signatory approval for major OEM.
- **STC modifications**
 - Certification analysis for structural STC modifications.





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