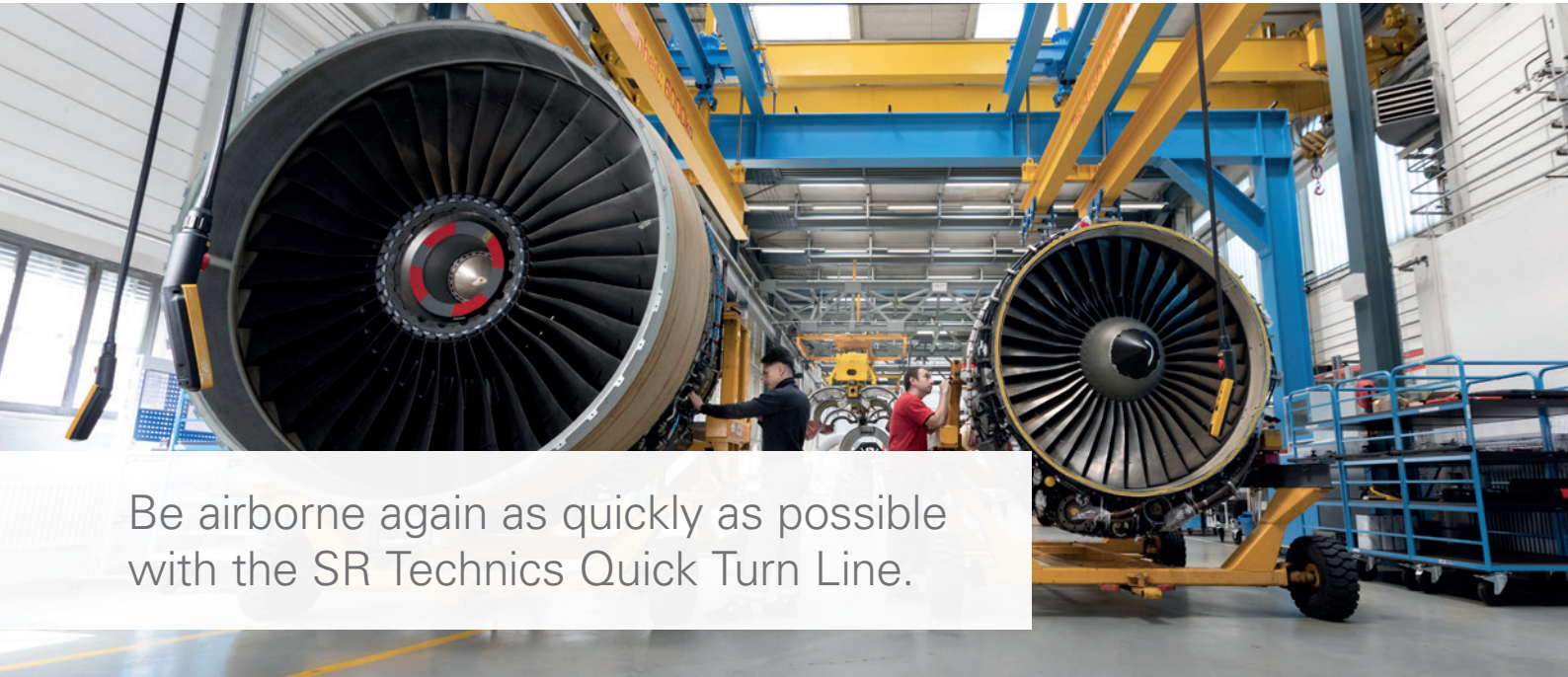


QUICK TURN LINE SERVICES



Be airborne again as quickly as possible with the SR Technics Quick Turn Line.

SR Technics offers engine repair at its Quick Turn Line in Zurich to mitigate operational disruptions without the need to schedule a heavy shop visit.

With Quick Turn Line services, customers can get prompt engine maintenance while optimizing fleet readiness and reducing operating costs.

SR Technics offers quick turn services for repair of the CFM International CFM56 and Pratt & Whitney PW4000 engines at its engine shop in Zurich.



An agile, customer-focused and dedicated team at SR Technics delivers flawless quick turn services to new and existing customers, offering a wide range of in-house capabilities for the repair of modules and parts, engine repairs and continued reliable performance:

- › Pre- and post-lease inspections
- › Comprehensive engine inspection and repair capability
- › Engineering expertise
- › Engine logistics and handling in Zurich

Your maintenance needs are covered at our full-service engine shop in Zurich:

- › Dedicated support from a team of engine specialists
- › Engineering experience garnered from thousands of shop visits plus in-house laboratory
- › Large inventory of new and used engine parts and access to used serviceable material market
- › Vast in-house repair capabilities and access to SR Technics' own test cell
- › Worldwide logistic support with engine change option in Zurich

QUICK TURN LINE CAPABILITY MATRIX OVERVIEW



| CLUSTER | PRODUCT | CFM56 | | | PW4000 | |
|---|--|-------|-----|-----|--------|------|
| | | -5B | -7B | -5C | 94" | 100" |
| ENGINE HANDLING | | | | | | |
| | Engine storage | ● | ● | ● | ● | ● |
| | Shipstand storage | ● | ● | ● | ● | ● |
| | Shipstand leasing CFM56-7B | | ● | | | |
| | Shipstand leasing PW4000/94" | | | | ● | ● |
| | Minor shipstand repair | ● | ● | ● | ● | ● |
| | Major shipstand repair | ● | ● | ● | ● | ● |
| | Swap of shipstand | ● | ● | ● | ● | ● |
| | Engine shipment logistic services | ● | ● | ● | ● | ● |
| | Engine preparation for transportation on shipstand | ● | ● | ● | ● | ● |
| | Engine preparation for storage on shipstand or trailer | ● | ● | ● | ● | ● |
| | Engine preservation (TC only) | ● | ● | ● | ● | ● |
| | Engine change (Airbus A320 family and B737 only/performed by Line Maintenance) | ● | ● | | | |
| INSPECTIONS * | | | | | | |
| | Full borescope inspection | ● | ● | ● | ● | ● |
| | Full video borescope inspection with electronic visual data | ● | ● | ● | ● | ● |
| | Borescope HPC blade(s) blending | ● | ● | ● | | |
| | BSI C7Blade root rear surface for cracks (SB) | | | | ● | ● |
| | C5Blade root inspection (SB) | | | | ● | ● |
| | 94" BSI of the 2nd stage HPT vanes | | | | ● | ● |
| | Radial Drive Shaft (RDS) outer housing inspection acc. AMM task 72-23-00-210 | ● | ● | ● | | |
| | Fan disk inspection acc. SB 72-0525 (CFM56-7B) | ● | ● | ● | | |
| PLI | | | | | | |
| | Post Lease Inspection (PLI) | ● | ● | ● | ● | ● |
| | Inventory check | ● | ● | ● | ● | ● |
| | Engine C-Check, MPD items | ● | ● | ● | ● | ● |
| | Engine water wash | ● | ● | ● | ● | ● |
| | Test run (incl. trim balance) | ● | ● | ● | ● | ● |
| DISASSEMBLY/ REPAIR HIGHLIGHTS * | | | | | | |
| | Engine Level | | | | | |
| | Replacement of LRUs incl. harnesses and mounts | ● | ● | ● | ● | ● |
| | QEC build up | ● | ● | ● | | |
| | Gearbox replacement and repairs (oil leak, carbon seal replacement) | ● | ● | ● | | |
| | Replacement of Angle-, Main-Gearbox | | | | ● | ● |
| | Replacement of gearbox starter, IDG, hydraulic pump carbon seals | | | | ● | ● |
| | Replacement of permanent magneting alternator (EEC alternator) | | | | ● | ● |
| | Fan Major Module | | | | | |
| | Replacement of fan disk | ● | ● | ● | | |
| | Fan abrasable epoxy liner (partial/full)/rubstrip repair acc. ESM procedure | ● | ● | ● | | |
| | Replacement of up-downstream/rear case/fan containment case | ● | ● | ● | | |
| | Replacement of bearing #1, #1.5, #2 seal assy (oil leak repair) | | | | ● | ● |
| | Replacement of fan front and exit case | | | | ● | ● |
| | Replacement of fan exit guide vanes | | | | ● | ● |
| | Core Major Module | | | | | |
| | Replacement of HPC blades stages 1 to 9 (top case repair) | ● | ● | ● | | |
| | Replacement of HPC VSV-Bushings | ● | ● | ● | | |
| | Replacement of IGV upper/lower unison ring | | | | ● | |
| | 2.5 bleed ring actuator replacement repair and rigging | | | | ● | ● |
| | HPC Variable Stator Vane (VSV) actuator, rigging and repair | | | | ● | ● |
| | LPT Major Module | | | | | |
| | Replacement of TRF | ● | ● | | | |
| | Brg.5 oil leak repair investigation | ● | ● | | | |
| | Replacement of LPT module and CVT | ● | ● | | | |
| | PW Turbine Case Cooling (TCC) actuator, rigging and repair | | | | ● | ● |
| ENGINEERING | | | | | | |
| | Engineering order, EASA Part21 approved Design Organization | ● | ● | ● | ● | ● |
| | Engineering order, FAA DER approved | ● | ● | ● | ● | ● |

* Additional capabilities are available from SR Technics. Please contact your SR Technics Area Sales Director or send an email to quickturn@srtechnics.com.

● SR Technics Capabilities