Powerplant repair capability

Current status and development progress

S7 Technics

GATE 3



Powerplant repair department

TODAY

2 Engine hospital Repair shops In DME and MRV

> Production lines

6

35

220

Employees

Perfomed hospital events

Opened in cooperation with SR Technics 🚯



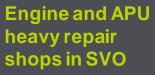
+2

+12

+42

+120

+100



Production lines

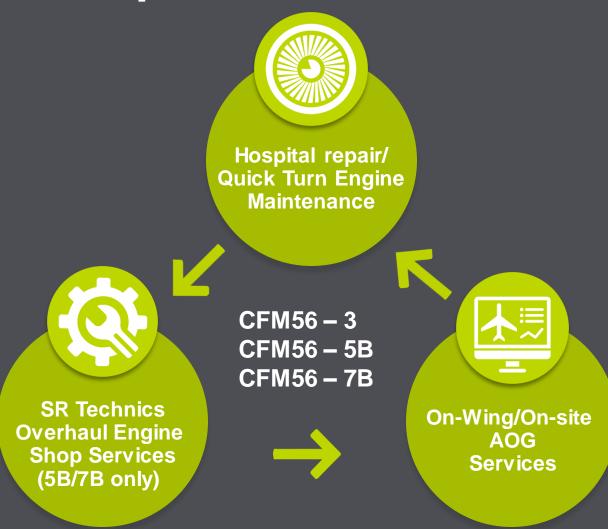
Employees

Maximum engine OH capacity per year

Maximum APU OH capacity per year



TODAY: Engine repair services





Engines available services

Fan Disk replacement

Bearing №4 replacement

HPC blades, vanes and bushings replacement and repair

HPT/LPT stg.1 NGV segments replacement

HPT rotor blades replacement

Combustion Chamber replacement

Engine modules replacement: LPC booster, LPT major module, AGB and TGB modules

Engine preservation for a period from 30 up to 365 days and preservation extension

Engine lease return (redelivery) inspection and certification

Engines repair on a customer's location





Benefits of Hospital repair in S7 Technics



Cost savings with the ability to cancel or postpone heavy shop visit (for 1–3 years later)

Possibility of	combining	engine	repairs	with	aircraf
maintenance	check				

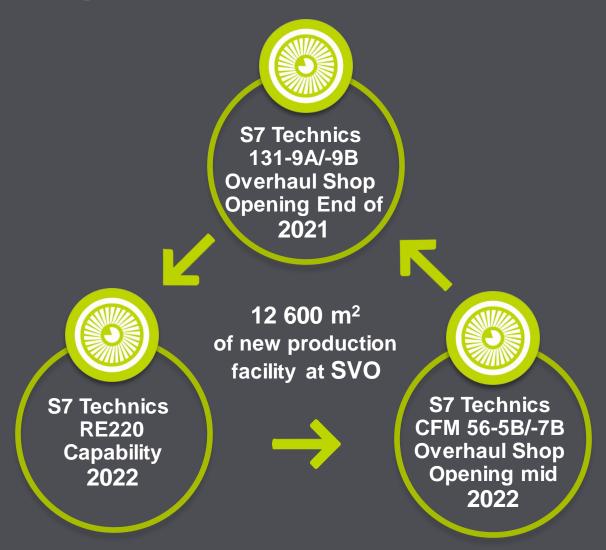
There is no need to export the engine abroad

Quick turnaround time (TAT)





TOMORROW: Engines and APU Heavy repair





APU overhaul

EASA & FAA Part - 145 / B3 EASA & FAA C7

Honeywell Channel Partner status

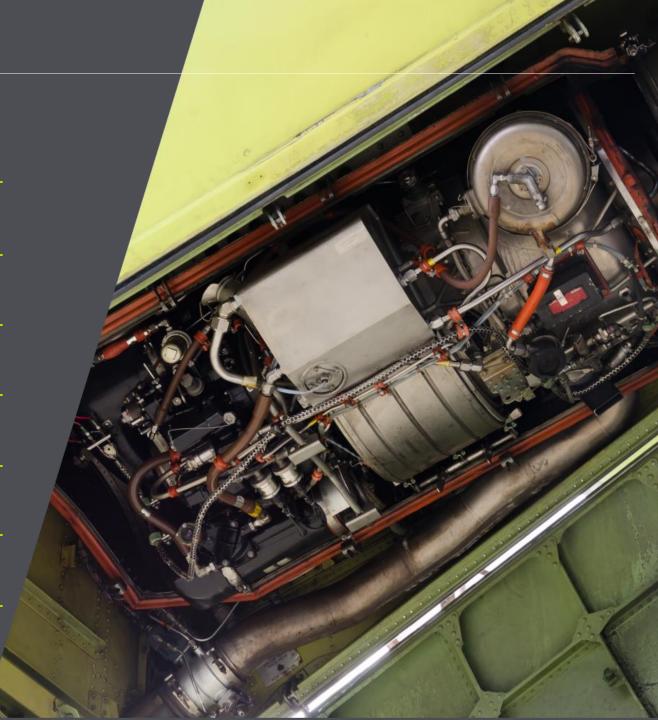
Availability of spare APUs (each type)

Piece part repairs (OEM only, Honeywell+ in-house)

Large stock of APU spare parts in storage

Joint production lines with Engine Shop

Built-in APU Test Cell





CFM56-5B/7B overhaul

EASA & FAA Part - 145 / B1 EASA & FAA C7

- Large stock of engine spare parts in storage
- In-house repairs (under development)
- Production lines from the world's leading manufacturers (Zeiss, SCHENCK, DANOBAT, ATG, FinnSonic, etc)
- Cooperate with industry leaders & OEMs (CFM International, Safran, SRT, etc)
- Test Cell in Russia (UEC-Saturn)

New engine type (LEAP-1A/1B, PW1100G/ 1400G-JM) capability planed since 2025-2027





Benefits of Overhaul repair in S7 Technics

- COST
 Competitive price due to low man-hour cost in comparison with foreign MRO's
 No engine shipping cost

 - Focused approach on every customer engine

AVALABLTY Spare APUs Large stock of Engine and APU spare parts in storage Test Cell in Russia

- 5 years of experience (CFM56-3/-5B/-7B)
 More then 220 engine hospital repairs completed
 No warranty claims
 Cooperate with industry leaders & OEMs

 - Production lines from the world's leading manufacturers



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Thank you for your attention!

