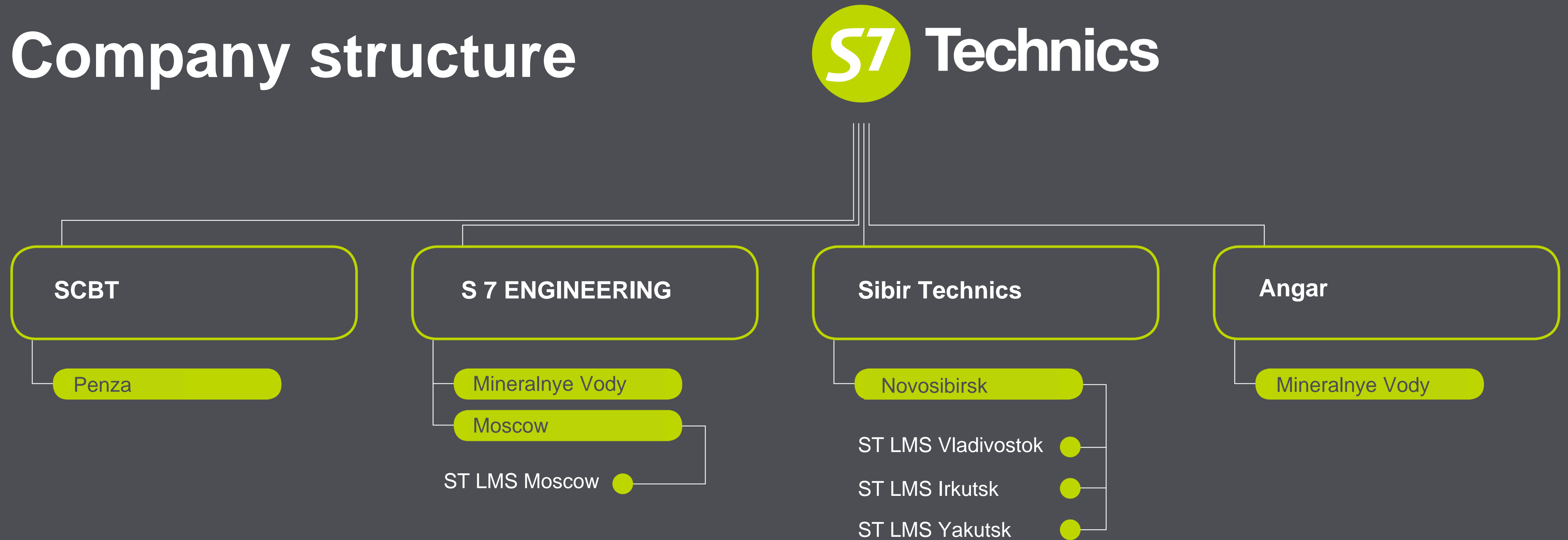




S7 Technics -
Leading MRO provider
in Russia & CIS

Company structure



Production and financial figures

1000 light maintenance
base checks per year

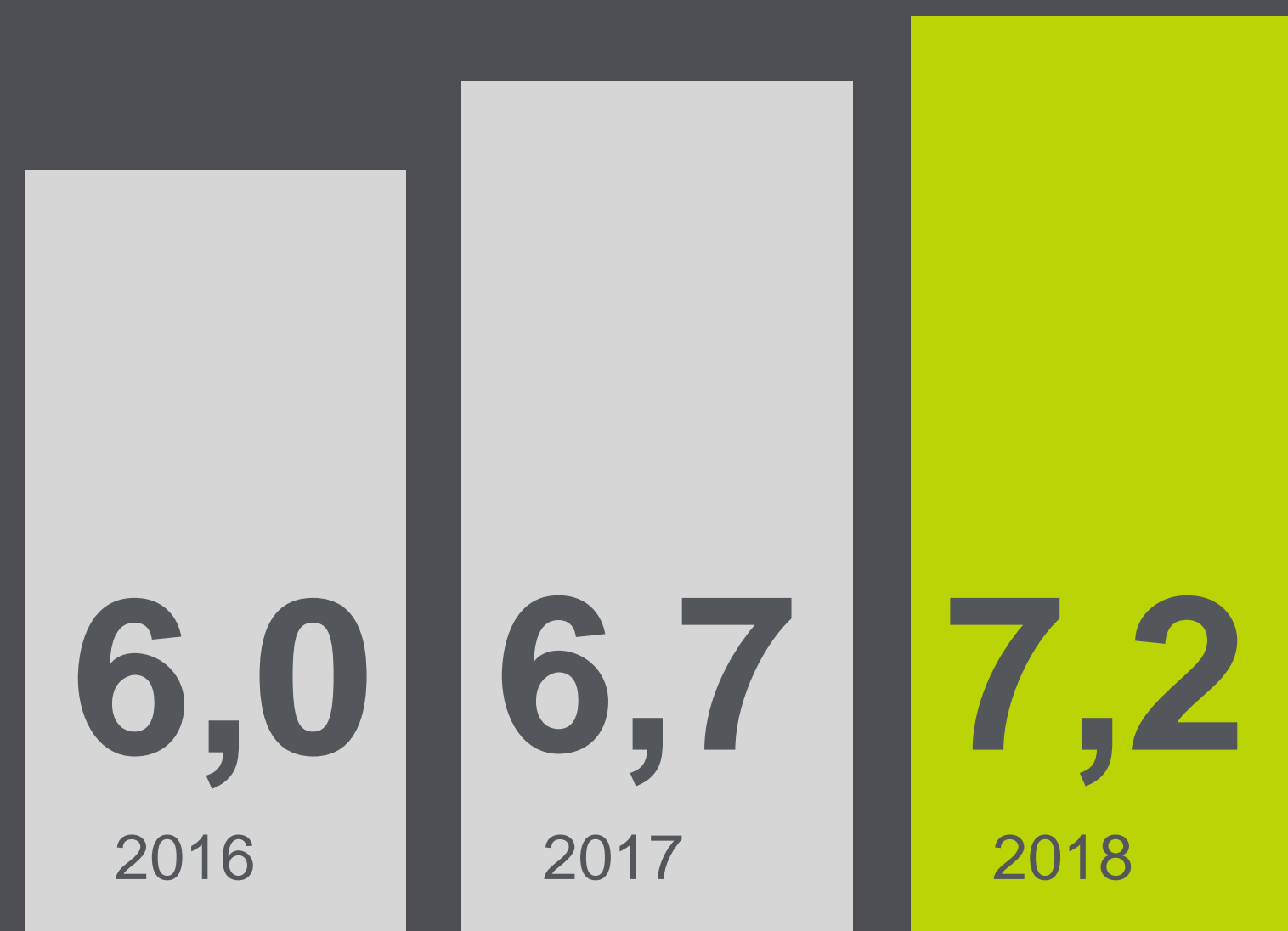
250 supported flights
per day

200 groups of aviation technicians
trained per year

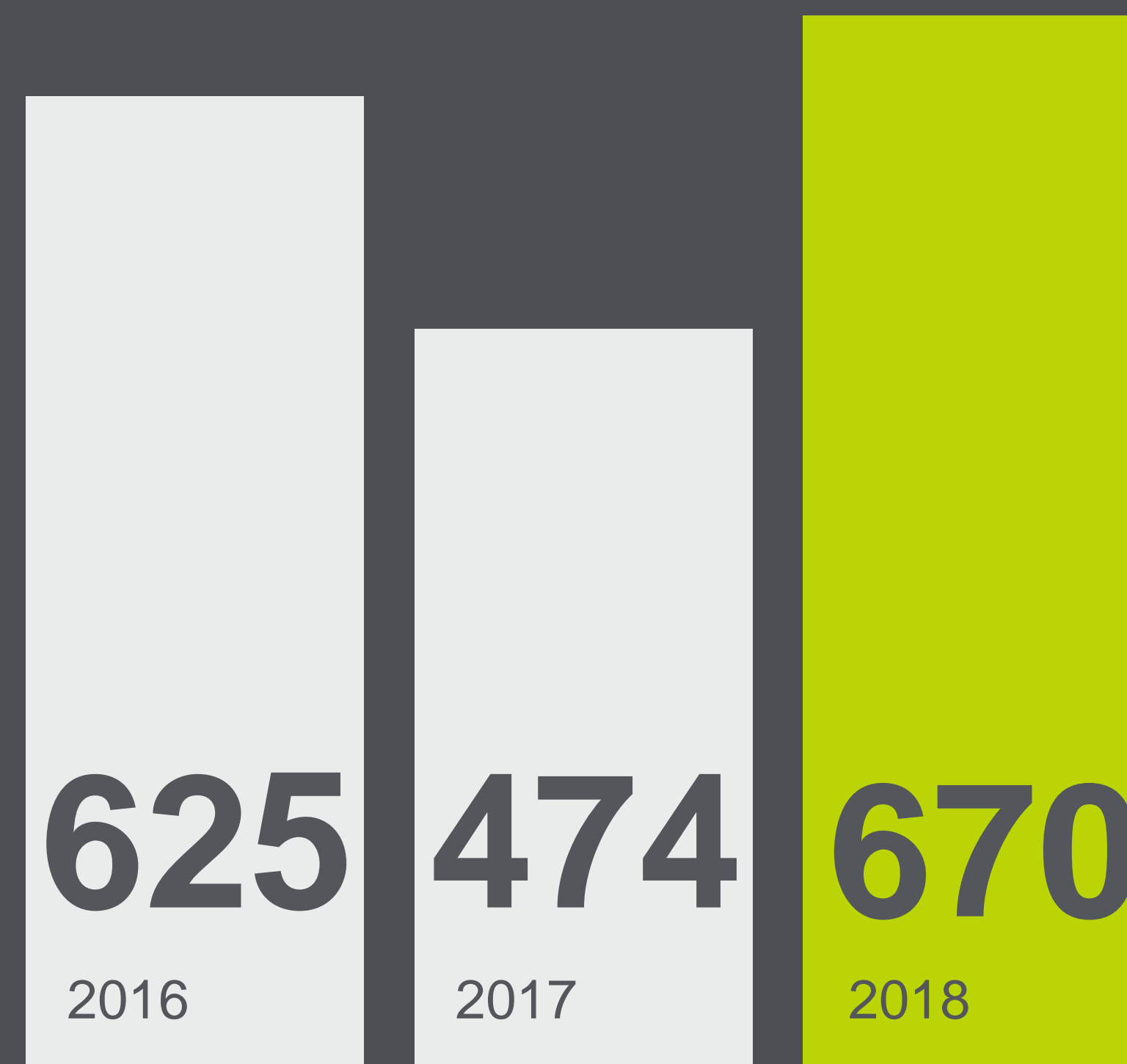
100+ heavy maintenance
base checks per year

30 aircraft per year
paint capabilities

Revenue, bln. of RUB



Investment, mln. of RUB



Products & Services

Base & Line maintenance

Aircraft painting

Engineering support

Part 21 G & J services

Engine maintenance
& repairs

Component overhaul

Structure repairs

Non-destructive testing

Production & repair of aircraft
interior components

Aviation training center

Flight Data analysis

Logistics support

Heat exchanger repair

Vacuum toilet shop

Aircraft redelivery support












New aircraft types: A320neo & B737 MAX



Geographical presence and capability list

- Line maintenance
- Base maintenance

	Airbus A320ceo Family	Airbus A320neo	Boeing 737 CL	Boeing 737 NG	Boeing 737 MAX	Boeing 757	Boeing 767	Sukhoi Superjet 100	Embraer 170
									
DME	● ●	● ●	● ●	● ●	●	●	● ●	● ●	● ●
MRV	● ●		● ●	● ●				●	
OVB	● ●	● ●	● ●	● ●	●	● ●	● ●		● ●
IKT	●	●	●	●			●		
VVO	●	●		●			●		
YKS				●					
SVO	●			●				●	

Geographical presence



A stylized map of Russia, filled with a yellow dot pattern. Six cities are marked with green dots and labeled: Moscow, Mineralnye Vody, Novosibirsk, Irkutsk, Yakutsk, and Vladivostok. The map shows the country's extensive territory, including its northern and eastern borders.

● **Moscow**

● **Mineralnye Vody**

● **Novosibirsk**

● **Irkutsk**

● **Yakutsk**

● **Vladivostok**

Base maintenance stations



Domodedovo

Capacity:	
Narrow body.....	8
Wide body.....	3
Hangar space	12 400 m ²
Production.....	4 200 m ²
Storage area.....	3 000 m ²



Novosibirsk

Capacity:	
Narrow body.....	8
Wide body.....	2
Hangar space	11 200 m ²
Production.....	11 960 m ²
Storage area.....	2 000 m ²



Mineralnye Vody

Capacity:	
Narrow body.....	5
Wide body.....	1
Hangar space	13 500 m ²
Production.....	21 300 m ²
Storage area.....	1 400 m ²

Repair of components and systems

Modern laboratory complex of S7 Technics Holding maintains and repairs aviation equipment of major aircraft types, including:

- Avionics
- Radio and related equipment
- Onboard kitchen equipment
- CFM56-3/5/7 engines MRO
- Hydraulic components
- Light and signal equipment
- Cabin light equipment
- Emergency escape equipment
- Oxygen supply equipment
- Air conditioning system equipment and components
- Fire extinguishing equipment
- Vacuum toilets Zodiac Aerospace (Safran Group)
- Heat exchangers (TAT Engineering)
- Batteries
- Repair & maintenance of heat exchange systems TAT Engineering



Oxygen equipment

Oxygen equipment shop is established in close cooperation with Zodiac Aerospace Services (Safran Group), S7 Technics' Moscow-based oxygen equipment shop delivers OEM high quality repairs to service your equipment in a timely and cost efficient manner.

- Repair of Avox Systems for Airbus and Boeing:
 - 9700 Series
 - 5500 Series
 - 801307 Series
 - 891 Series
- Equipment provided by Zodiac Aerospace (Safran Group);
- Certified in accordance with EASA and Russian Ministry of Transport Guidelines;
- 1 day of service;
- Up to 10 days for repair/overhaul;
- Annual Zodiac Aerospace (Safran Group) audits;
- Qualified specialists trained by Zodiac Aerospace (Safran Group).



Vacuum toilet shop

Vacuum toilet shop was established in Domodedovo airport as a joint venture of S 7 ENGINEERING and Zodiac Aerospace (Safran Group).

Qualified and certified shop team uses modern equipment and cutting edge technology in full cycle of vacuum toilet repair and recovery for Airbus A320 Family, Boeing 737/767/777 aircraft types.



Evacuation equipment

Evacuation equipment shop is established in close cooperation with Zodiac Aerospace Services (Safran Group), S7 Technics' Moscow-based oxygen equipment shop delivers OEM high quality repairs to service your equipment in a timely and cost efficient manner.

- Repair of:
 - B737 CL&NG
 - B747 / 757 / 767 / 777 / 787
 - Airbus A320F / A350
 - TU-204
 - Be-200
 - ARJ-21
- Equipment provided by Zodiac Aerospace (Safran Group);
- Certified in accordance with EASA and Russian Ministry of Transport guidelines;
- Up-to-date manuals;
- Annual Zodiac Aerospace (Safran Group) audits;
- Qualified specialists trained by Zodiac Aerospace (Safran Group).



Aircraft painting

Over 50 projects successfully completed

Aircraft painting hangar is located in Mineralnye Vody

Modern electrostatic painting equipment provided by GRACO

First in CIS - Complete painting cycle for Base Coat / Clear Coat, Finish Coat systems

Certified painting materials manufactured and supplied by PPG and Akzo Nobel

Adjacent maintenance facilities allows to combine maintenance and livery application on an aircraft for reduced TAT





Structure repairs

S7 Technics Holding is certified to make metal sheet and composite structural repairs. Specialists in the Structure Repair Shop were trained by the leading MRO training centers and received on-the-job training.

Painting of airframe surfaces including interior parts is performed in a specially equipped spray-painting and drying booth. Operating this spray painting/drying booth improves labour productivity, economic feasibility and effective use of resources.





Non-destructive testing

- Eddy current inspection
- Magnetic particle inspection
- Ultrasonic flow inspection
- Liquid penetrant inspection
- Radiography inspection (X-Ray)
- Thermography inspection



Engine hospital repair

CFM56-3/5/7 engine shop

Top case repair
(HPC blades replacement)

Engine lease return

VBV system replacement
SB 72-0045 (5B)

QEC / LRU replacement
and build up

LPT NGV stg.1 replacement

HPT blades replacement

Engine rating change

HPC / LPT blades blending

Rotor-to-stator contact
(VSV bushings replacement)

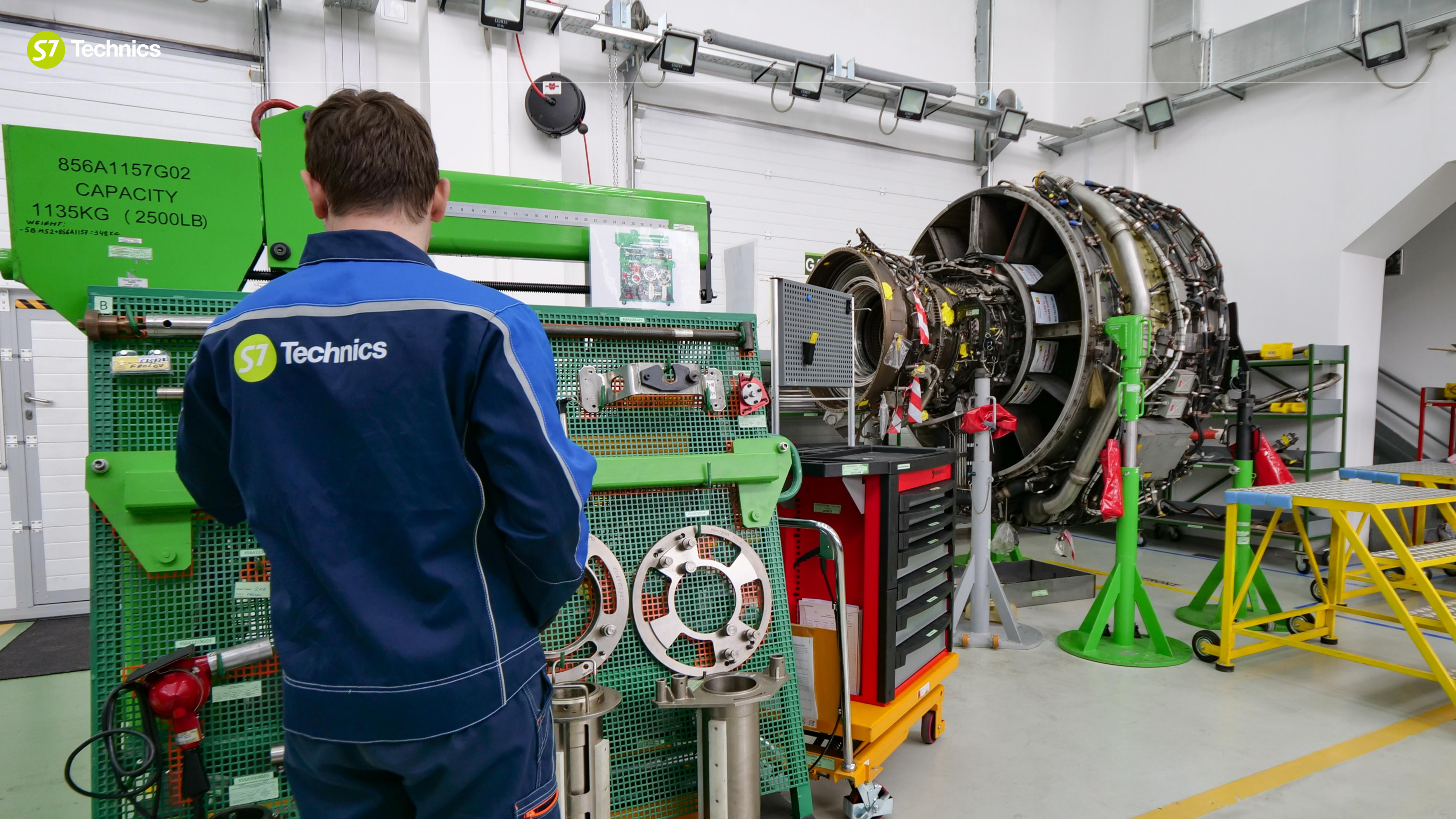
Junction Box replacement (5B)

Engine preservation for 365 days
operable/inoperable

TBS (search and troubleshooting)

AGB - TGB
replacement/repair





Engineering services

S7 Technics provides engineering service for the customers under OTAR 39 approval.

Our engineering team is ready to:

- Aircraft engineering support – preparation & composition of Maintenance schedule;
- Accompany you fleet MRO program;
- Develop and execute special procedures for the order of the Operator;
- Consult in terms of aircraft intake and commissioning, assist in obtaining a certificate of airworthiness;
- Develop technical documentation according to Airlines' extra requests;
- Accompany the reliability program;
- Assist in technical issues with aircraft & component manufacturers;
- Maintain status of modifications (SB, STC, etc);
- Analyze & process aircraft flight information;
- Monitor & plan maintenance of aircraft and its components, including:
 - Data preparation, arranging the status of repairs of aircraft structure
 - Organization of accounting & storage of technical records of aircraft
 - Development of technological maps of the aircraft & components
 - Work of the Park of aircraft engines monitoring
 - Development & arranging of LLP/HTC lists
 - Accounting & organization of AD/SB execution
 - Development & support of MEL

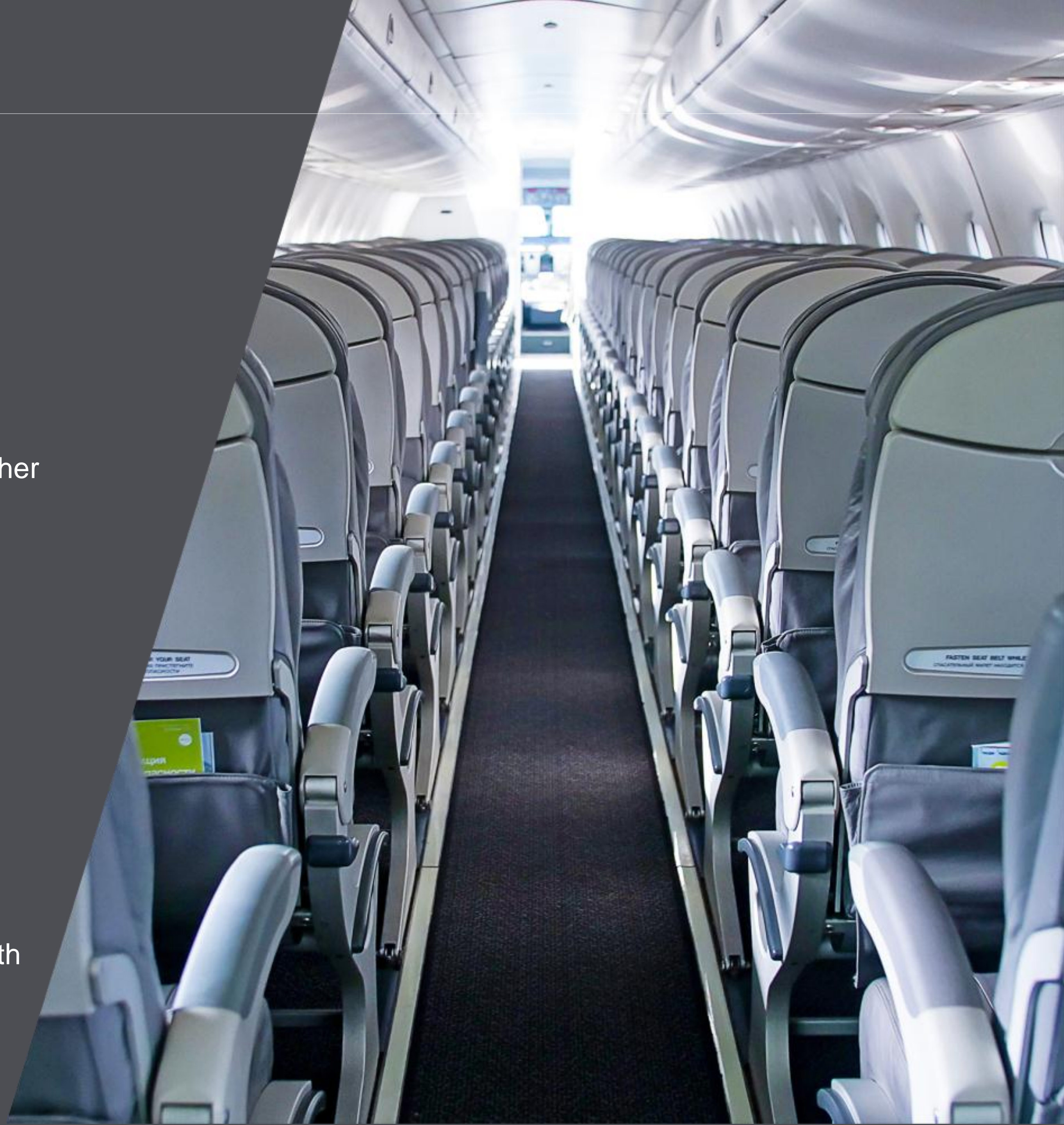


Cabin Interior Sewing & Production

- Manufacture of passengers and crew seat covers – fabric and leather
- Manufacture of cabin interior curtains, carpets and class dividers
- Repair and cleaning of all cabin interior parts
- Production of placards (internal & external)
- Production of plastic details

All works carried out as a part of this service are certified by the European Aviation Safety Agency (EASA Part-21 J, Part-21 G, Part 145). Before implementing the modification, our specialists carry out combination BurnTest of materials in their own laboratory of fire resistance.

After that we can guarantee the compliance of the finished product with the requirements of the FAR25 standard.853 Appendix F, which will save you from financial expenses in future.



Delivery / Redelivery

S7 Technics perform in average 10 Redelivery project every year

Scope of services includes:

- AD / SB Status update and correction
- MPD Due List update and correction
- OCCM / HT Components status update and correction
- Redelivery WS optimization to meet Redelivery conditions
- Complete structure repairs assessment, status update and rectification work planning
- Structure repairs
- Engine management and repairs prior to Return
- Preliminary cabin inspection, parts supply and complete cabin refurbishment under EASA Part 21 J & G standards
- Aircraft complete repainting
- Liaison with aircraft manufacturer
- Liaison with aviation authorities
- Qualified negotiation between Lessor and Lessee
- Presenting aircraft and records to the next Lessee



Specialists training

Part 147



Aviation training center. EASA Part 147

S 7 ENGINEERING training center provides training for aircraft maintenance engineers, both in-house and clients' facilities.

The courses are supported by modern software and hardware to facilitate comprehension and simplify access to training materials.

Ratings:

A, B1.1, B2, B1.1+B2, B1+B2, C

Aircraft:

Airbus A318/A319/A320/A320neo/A321

Boeing 737-300/400/500/600/700/800/900

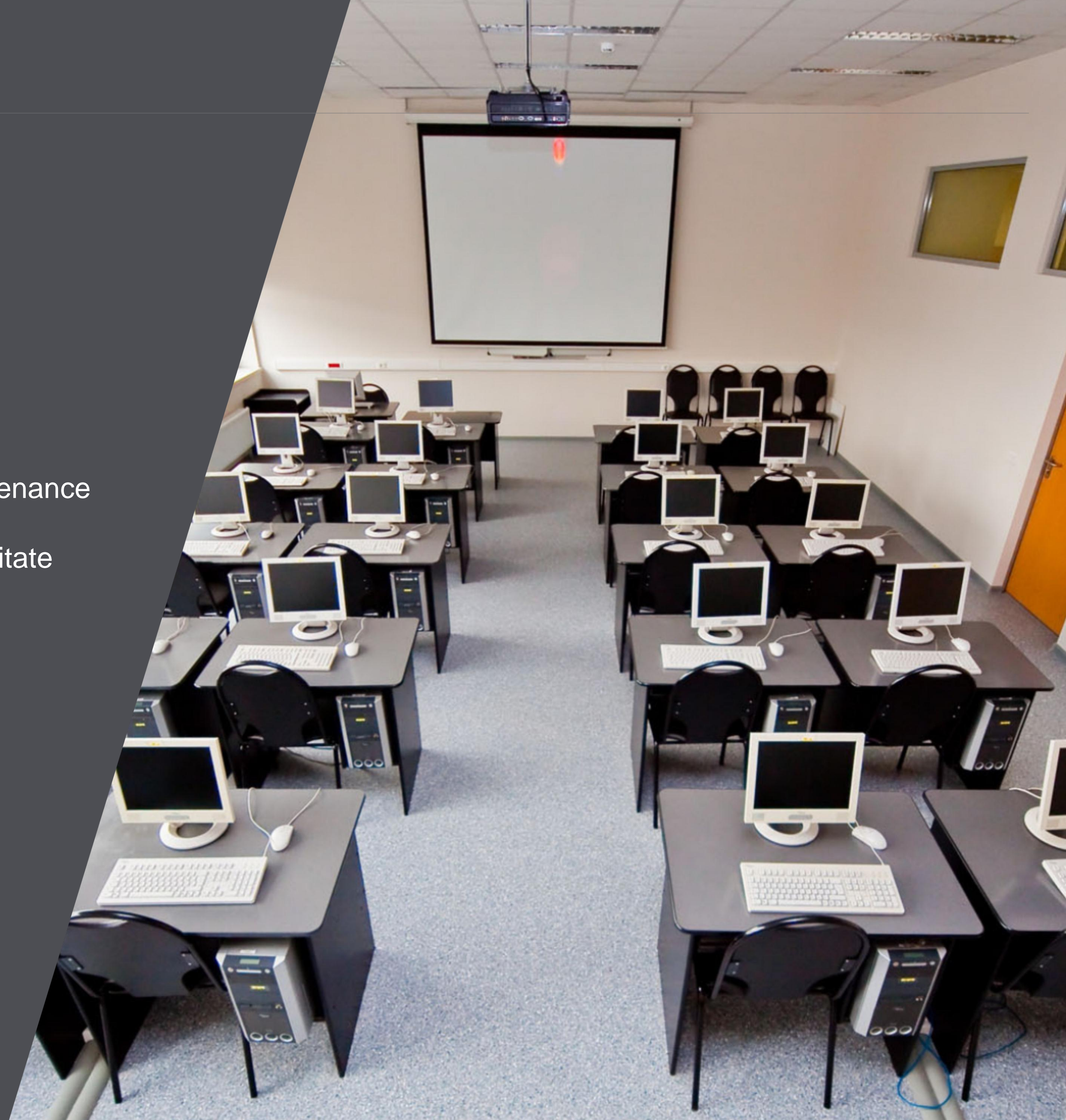
Boeing 737 MAX

Boeing 757-200/300

Boeing 767-200/300/400

Sukhoi RRJ-95

Embraer ERJ-170 Series



International quality systems



International
Organization for
Standardization

EN 9110 : 2016

BUREAU VERITAS
Certification



Projects realized in collaboration with leading global producer and MRO's



Zodiac Aerospace Services (Safran Group) is the dedicated aftermarket and services organization of the Zodiac Aerospace (Safran Group).

Repairs of Zodiac-produced toilets are carried out with **OEM-level reliability and quality**.

Service is provided at **S7 Technics** Moscow base.



Limco Airepair is a subsidiary of TAT Technologies Ltd. which specializes in providing heat exchanger units repair services. All operations are approved by the Federal Aviation Administration.

Heat exchangers maintenance service offered by joint venture **TAT ENGINEERING** includes tasks from minor repairs to complete overhauls.

Service is provided at **S7 Technics** Novosibirsk base.



SR Technics – one of the world's leading MRO providers. Engine maintenance shop established in cooperation between the two MROs.

Maintenance of **CFM56-5B** and **CFM56-7B** engines for Russia- and CIS-based clients.

Service is provided at **S7 Technics** base in Moscow.

Our clients



Our clients



Thank you for your attention!