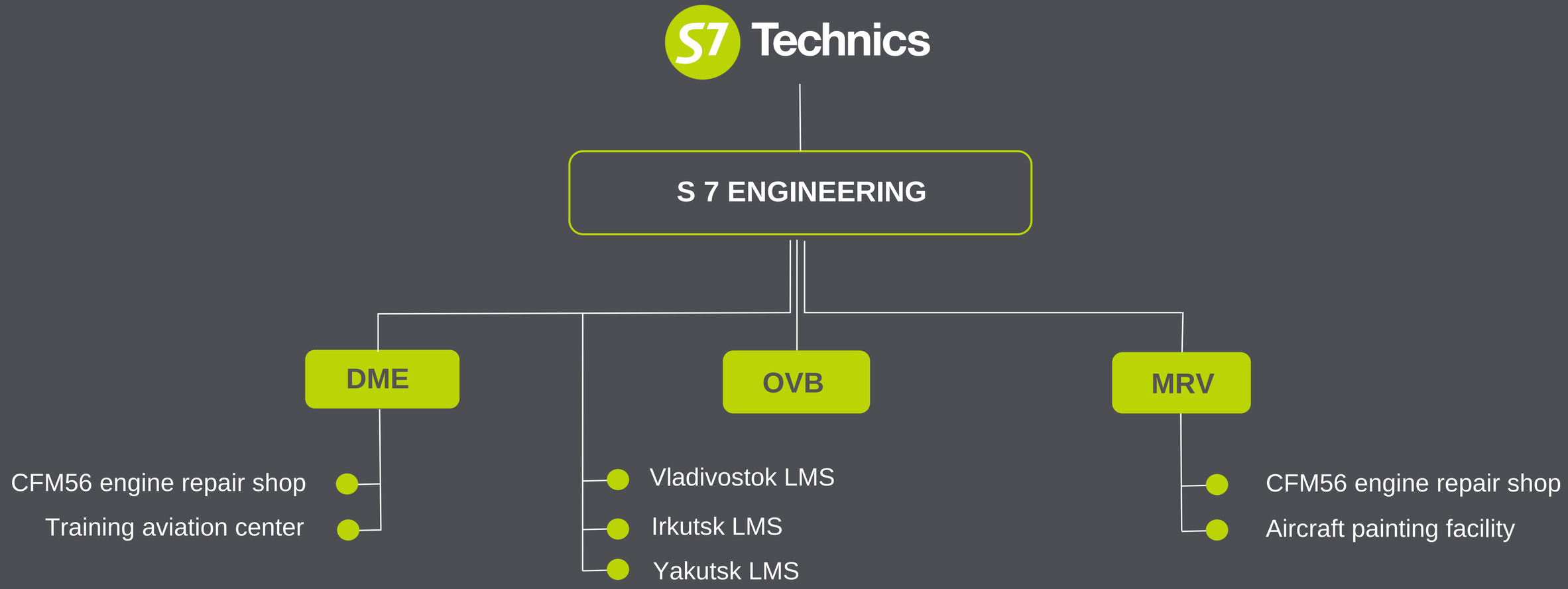
S7 Technics - leading MRO provider in Russia & CIS

Company structure



Production & Financial figures

2.1MLN man-hours per year

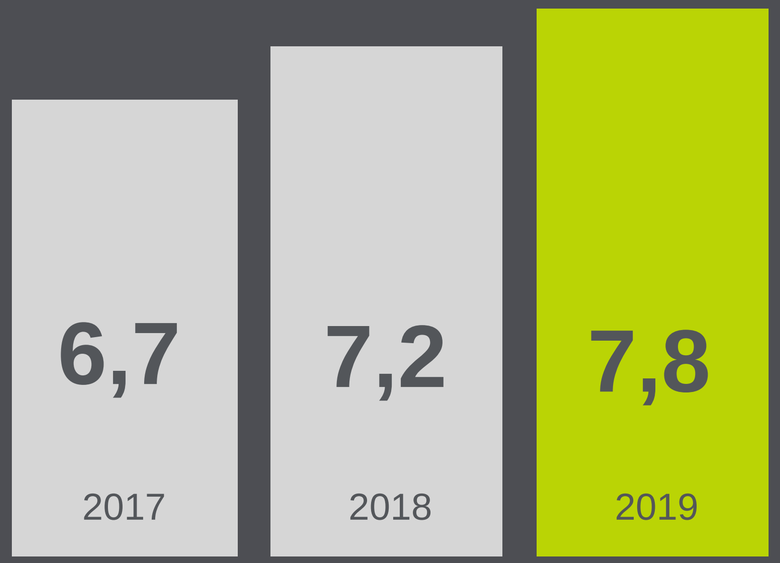
250+ supported flights Per day

100 heavy maintenance base checks per year

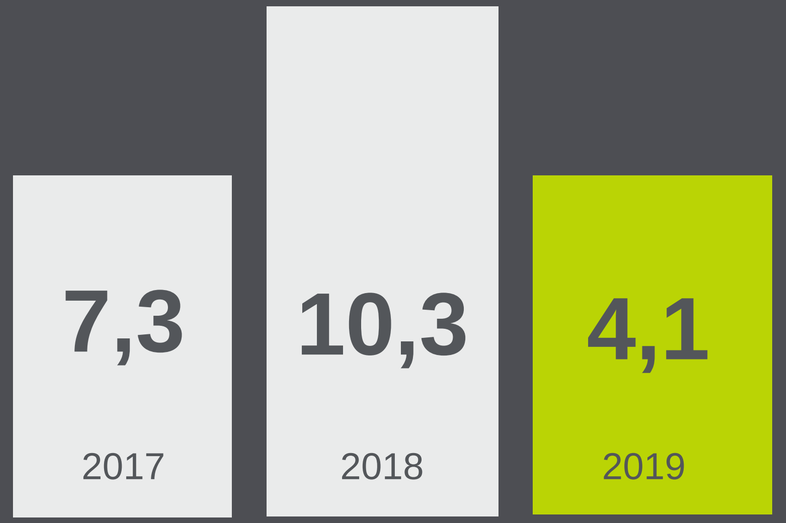
30 aircraft per year paint capabilities

200+ groups of technicians trained per year

Revenue, mln. USD



Investment, mln. USD



S7 Technics

Approvals/Certificates

EASA
European Aviation Safety Agency

Part-145
Part 147
Part-21J
Part-21G

BCAA
BERMUDA CIVIL AVIATION AUTHORITY

OTAR-145
CAMO OTAR 39 Subpart F

EN 9110 : 2016
BUREAU VERITAS
Certification

ISO 9001-2015
BS/EN 9110-2018

FAR-285
FAR-289

ilac-MRA

ISO 17025 (FTL)

S7 Technics

Products & Services

- Base & Line maintenance
- Aircraft painting
- Engineering support
- Part 21 J & G services
- Component overhaul
- Engine maintenance & repairs
- Structure repairs
- Non-destructive testing
- Production & Repair of aircraft interior components
- Aviation training center
- Flight Data analysis
- Logistics support
- Customs broker service
- Vacuum toilet shop
- Heat exchangers repair
- Aircraft redelivery support

New aircraft types: A320neo & B737MAX

- A320NEO with PW1100 engines
- B737MAX with LEAP-1B engines

S7 Technics

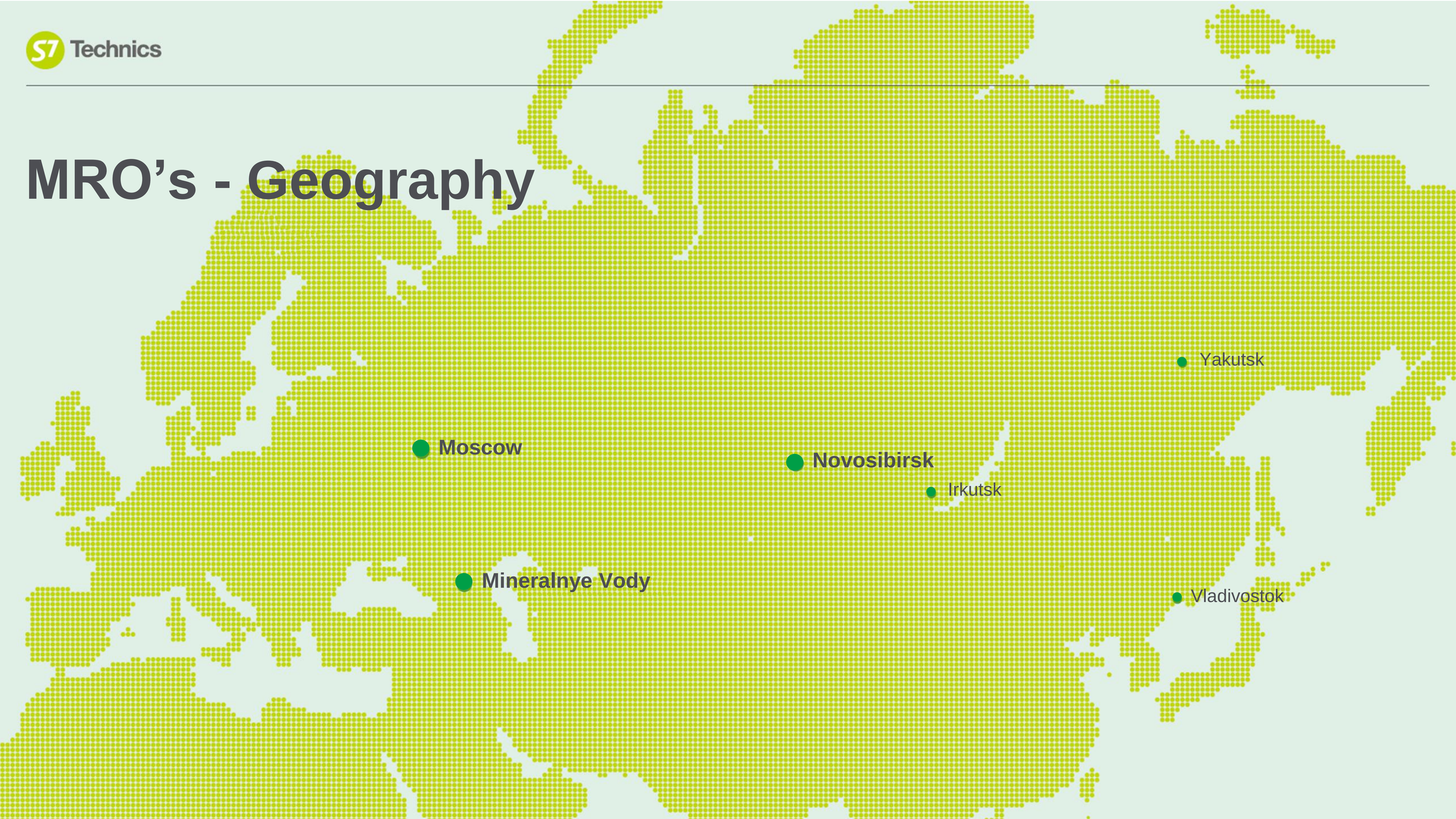
Capability list – AC types by geography

Line maintenance

Base maintenance

	Airbus A320 CEO	Airbus A320 NEO	Boeing 737 CL	Boeing 737 NG	Boeing 737 MAX	Boeing 757	Boeing 767	RRJ 95	Embraer 170
									
DME	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●	● ●
MRV	● ●		● ●	● ●				●	
OVB	● ●	● ●	● ●	● ●	● ●	● ●	● ●		● ●
IKT	●	●		●					●
VVO	●	●		●					
YKS				●					

MRO’s - Geography



Base maintenance stations

Domodedovo

Capacity:
Narrow body…… 7
Wide body……..……..3

Hangar space ……..12 160 m²
Production…….....4 680 m²
Storage area……...4 170 m²

Novosibirsk

Capacity:
Narrow body ……..…6
Wide body…….……..…..2

Hangar space .....10 350 m²
Production ……..…....3 110 m²
Storage area…….....3 280 m²

Mineralnye Vody

Capacity:
Narrow body……..……..…… 4

Hangar space .....9 830 m²
Production …….....6 790 m²
Storage area……...1 580 m²

Components and systems repair

- B1 CFM56-3/5/7 engines MRO
- D1 Non-destructive testing

Modern shops & labs of S7 Technics perform overhaul and maintenance of a variety of AC systems and components for major aircraft types, including:

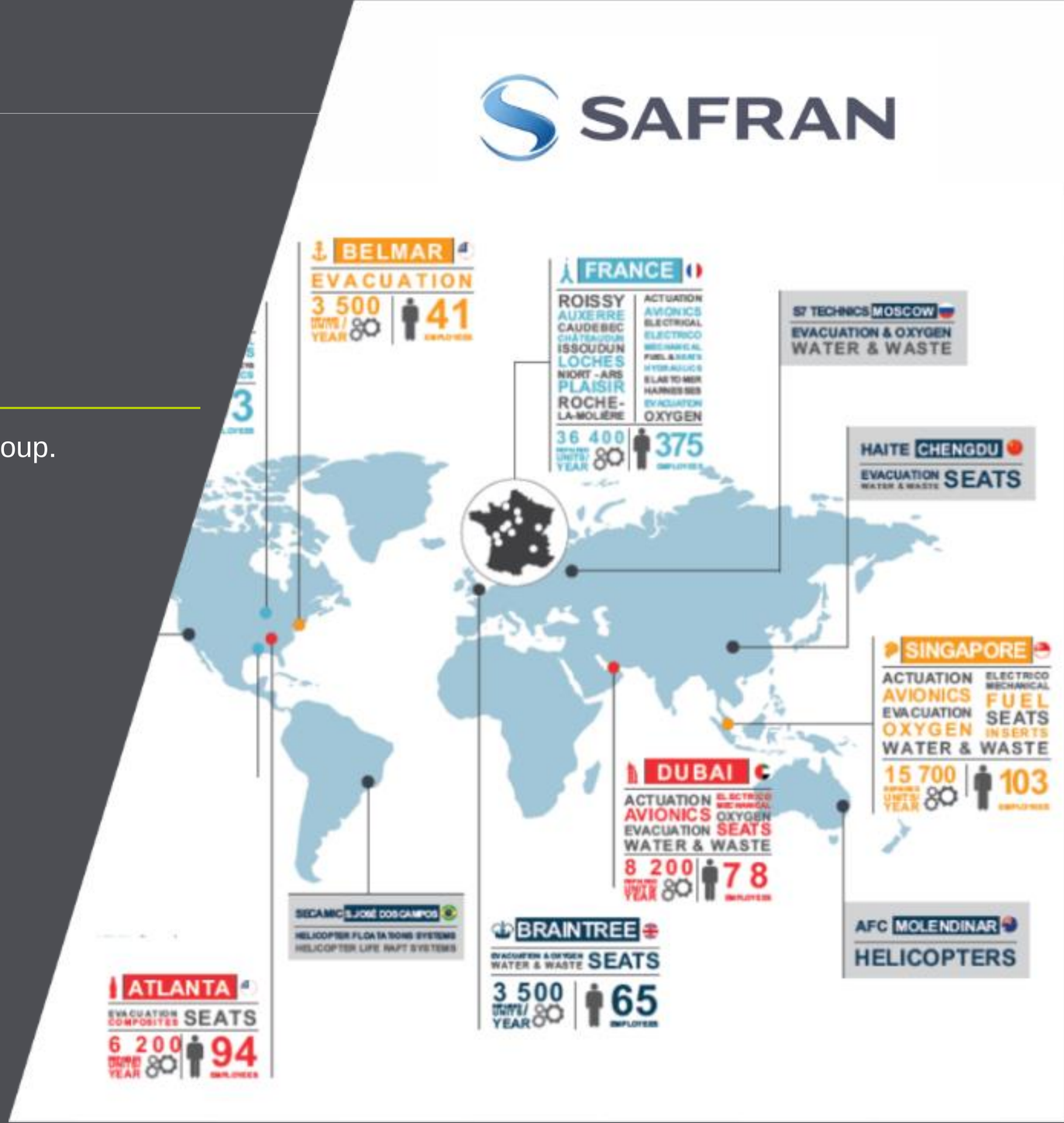
- C1 Air conditioning and pressurization
- C2 Automatic flight control
- C3 Communication & navigation
- C5 Power & lighting
- C6 Onboard kitchen equipment & interior
- C7 Aircraft engines and APU
- C8 Aircraft control
- C12 Hydraulics
- C14 Landing gear
- C15 Oxygen equipment
- C17 Pressure maintenance & regulation
- C18 Fire extinguishing & de-icing equipment
- C20 Component structure repair

S7 Technics

Components and systems repair

Three MRO shops are up and running in close cooperation Safran Group.
S7 Technics specialists perform maintenance and overhaul of:

- Oxygen equipment
- Vacuum toilets
- Evacuation equipment



Components and systems repair

Pilot seats maintenance & repair shop has been set up in close cooperation with IPECO – a leading manufacturer of aircraft components. The shop has been certified for the of the A320 Family, B737NG, RRJ-95 components repair.

Under agreement with the OEM, S7 Technics provides aftermarket support for the pilot seats installed on RRJ-95 aircraft.

S7 Technics

Aircraft painting

Over 50 projects successfully completed

Aircraft painting hangar is located in Mineralnye Vody

Modern electrostatic painting equipment is provided by GRACO

Complete painting cycle for Base Coat / Clear Coat, Finish Coat systems is the first one of the kind in Russia & CIS

Certified painting materials manufactured and supplied by PPG and Akzo Nobel

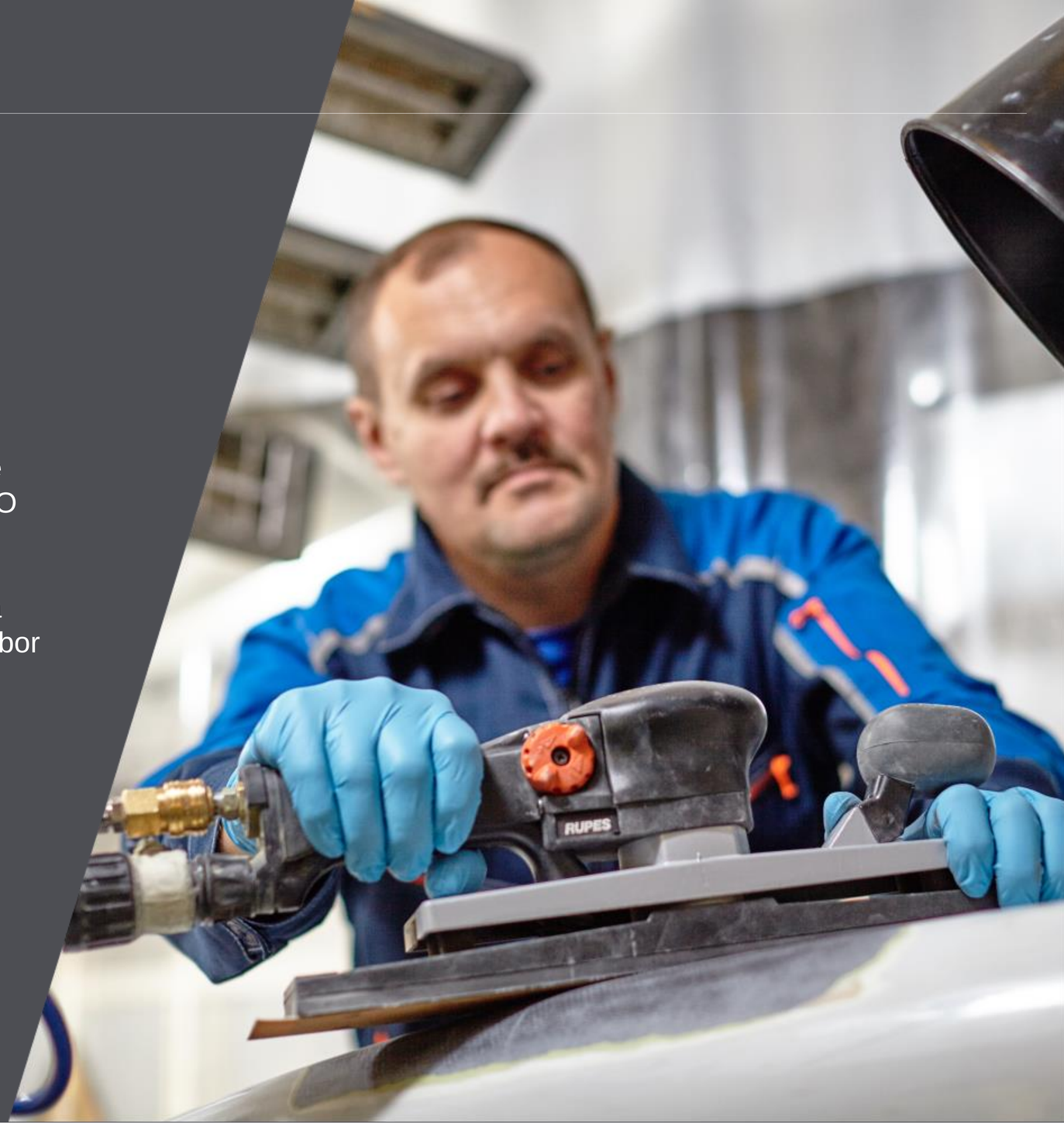
Adjacent maintenance facilities allow to combine maintenance and livery application on an aircraft for reduced TAT.


S7 Technics
Utair
air astana

Structure repairs

S7 Technics is certified to make metal sheet and composite structure repairs. Structure Repair Shop personnel was trained by 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. This improves labor productivity, economic feasibility and efficient use of resources.



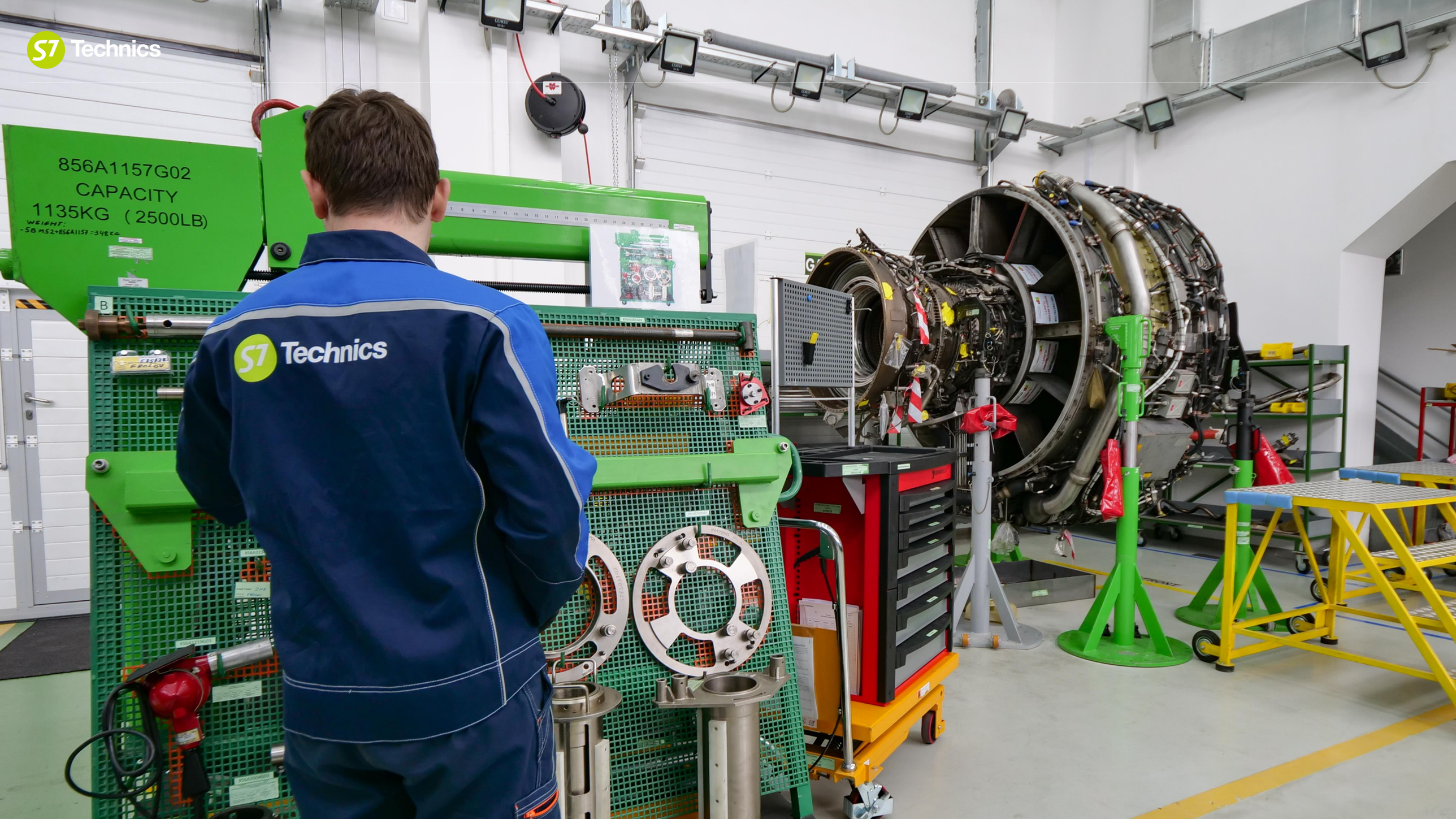
Non-destructive testing

- Eddy current inspection
- Ultrasonic flow inspection
- Penetrant inspection
- Radiography inspection (X-Ray)
- Thermography inspection
- Magnetic particle inspection
- Visual inspection

CFM56 engine hospital repair

Engine repair shop has been established in close cooperation with SR Technics – a leading world MRO provider. Two engine shops at Domodedovo Moscow, and Mineralnye Vody airport perform maintenance & repair for engines:

- CFM56-3
- CFM56-5B
- CFM56-7B


S7 Technics
856A1157G02
CAPACITY
1135KG (2500LB)
S7 Technics

Engineering services

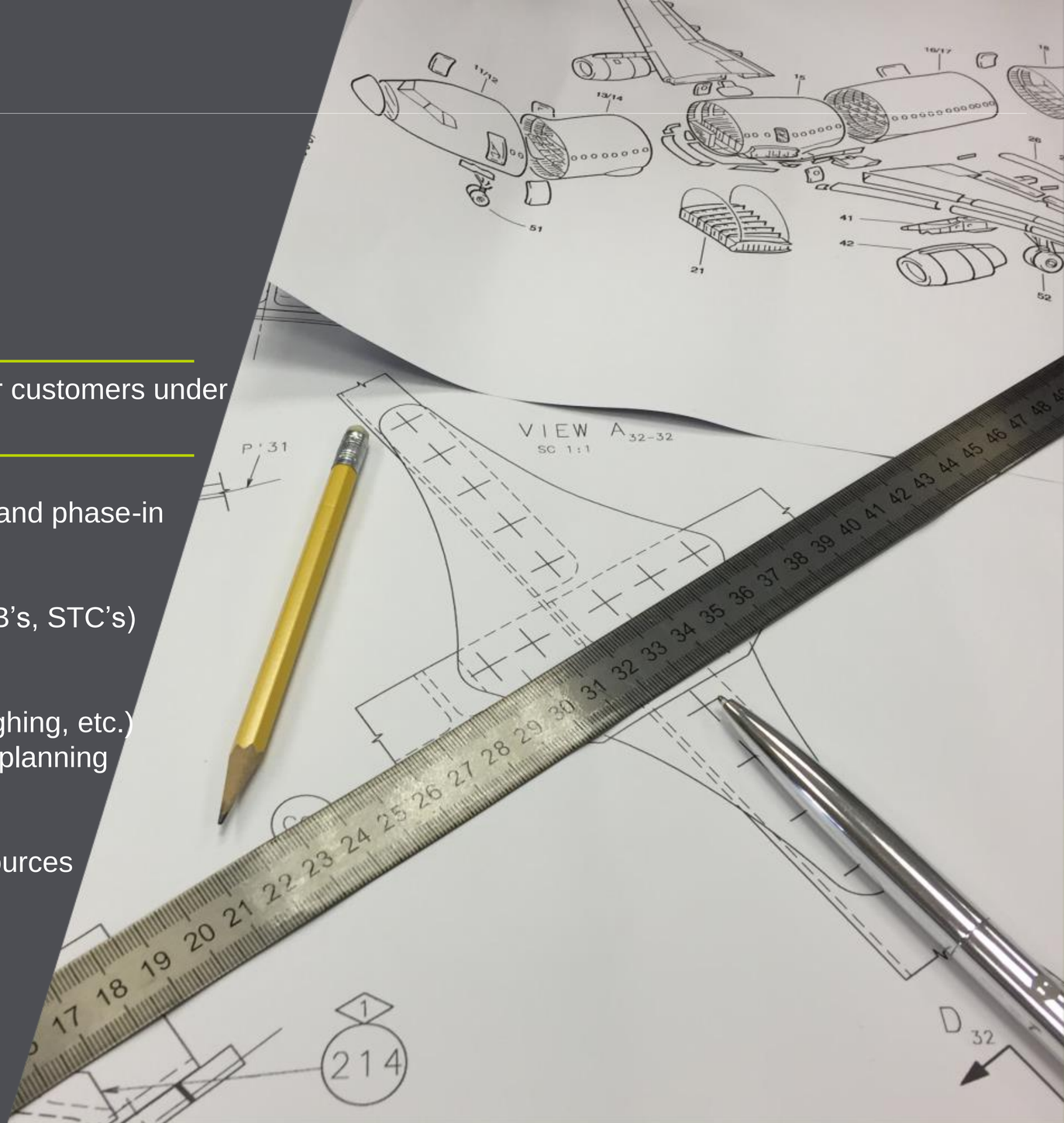
Part –145, CAMO, delivery / redelivery support

S7 Technics has vast expertise and provides engineering support for customers under OTAR Part 39 Option 2 Subpart E (CAMO Approval)

- Aircraft assessment, customer support during aircraft acceptance and phase-in
- AC maintenance program drafting and support
- MEL development & administration
- Modifications status monitoring & implementation control (AD’s ,SB’s, STC’s)
- Engine condition monitoring
- Reliability program support
- Special procedures drafting and administration (AC test flight, weighing, etc.)
- AC condition monitoring, AC and components maintenance event planning
- AC flight data analysis, processing and decoding

- Expert evaluation of AC work scope: risks, labor requirements, reources availability and TAT
- Technical documentation development
- Liaison with aircraft & component manufacturers

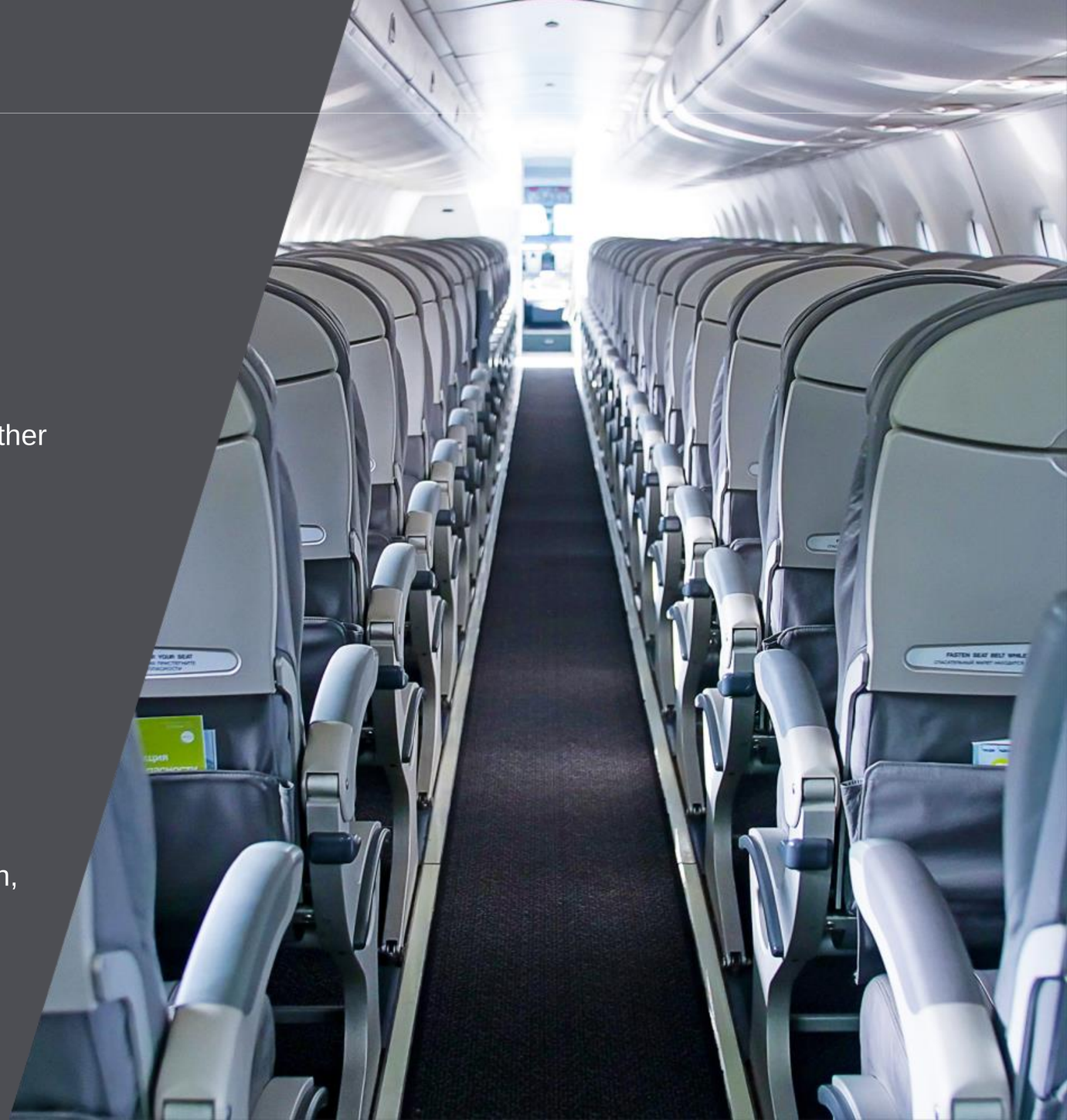
- AC delivery/redelivery comprehensive support



Cabin Interior Sewing & Production

- Manufacture of passengers and crew seat covers – fabric and leather (including textile, fur, leather, laminated leather)
- Leather seatcovers restoration (paint and repair)
- Manufacture of cabin interior curtains, carpets and class dividers
- Repair of luggage nets
- Manufacture of sound insulation
- Repair and cleaning of all cabin interior parts
- Production of placards (internal & external)
- Production of plastic details
- Manufacture of plugs, warning bands, etc.

All jobs 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 material BurnTest in S7 Technics' own certified fire resistance laboratory (ISO 17025).



Delivery / Redelivery

S7 Technics supports 10 AC Redelivery projects per 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

S7 Technics

Aviation training center.
Part 147

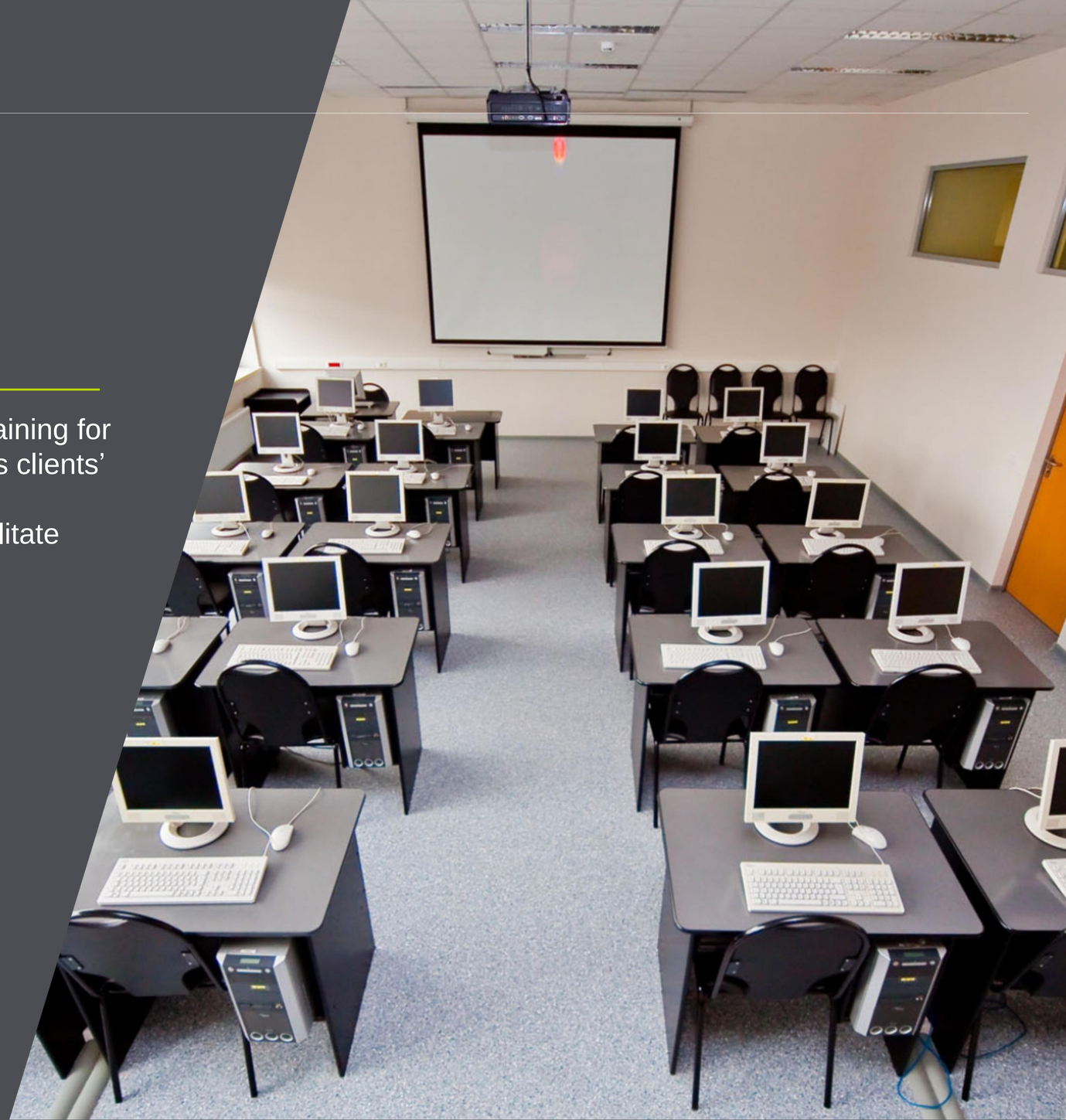
S7 Technics

Aviation training center. EASA Part 147

S7 Technics Training Center (EASA Part 147, FAR-289) provides training for aircraft maintenance engineers, both in-house (Moscow DME) and its clients' facilities.
The courses are supported by modern software and hardware to facilitate comprehension and simplify access to training materials.

Ratings:
B1.1, B2, B1.1+B2, C

Supported aircraft types:
- Airbus A318/A319/A320/A320/A321 (All engines)
- Boeing 737-300/400/500
- Boeing 737-600/700/800/900
- Boeing 737-7/8/9
- Boeing 757-200/300 (All engines)
- Boeing 767-200/300/400 (All engines)
- Embraer ERJ-170 Series



Cooperation Projects with leading OEM’s & MRO’s

SAFRAN Group a world leading manufacturer of hi-tech AC systems & equipment, and a tier-1supplier in Aerospace industry. Aftermarket support is a top priority of the group.

S7 Technics is the only MRO in Russia & CIS fully authorized by SAFRAN to support water & waste, oxygen & evacuation equipment on the aftermarket.

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** ranges from minor repairs to complete overhauls.

Service is available at **S7 Technics** Novosibirsk facility.

SR Technics – one of the world’s leading MRO providers. Engine maintenance shop was set up in cooperation between the two MROs.

Maintenance of **CFM56-3/5B/7B** engines during AC heavy check to reduce turn-around-time (TAT) for Russia- and CIS-based clients.

Service is available at **S7 Technics** facilities in Moscow DME, and Mineralnye Vody.

Honeywell - Fortune 100 technology company that delivers industry specific solutions that include aerospace products and services.

S7 Technics and **Honeywell** are contracted to launch a new APU repair facility in the next two years. It will be the first one of its kind in Russia and CIS, supporting Honeywell auxiliary power units (APUs) 131-9A/B, RE-220 installed in the most popular aircraft types: Airbus A320, Boeing 737 and RRJ-95 families.

S7 Technics domestic clients

S7 Airlines

GLOBUS

АЭРОФЛОТ Российские авиалинии

РОССИЯ

азимут

RoyalFlight Airlines

авиакомпания Якутия

URAL AIRLINES

NORDAVIA Regional Airlines

azurair

GAZPROM AVIA

RED WINGS AIRLINES

победа

АЛРОСА АВИАКОМПАНИЯ

Utair

Аврора

АВИАКОМПАНИЯ ЯМАЛ

NordStar

Nordwind Airlines

fly Airlines

АТРАН

S7 Technics international clients

air astana

العربية للطيران airarabia.com

TAJIK AIR

OMAN AIR الطيران العماني

IBERIA

EL AL

Georgian Airways საერთაშორისო

vueling

AIRMOLDOVA

AIR COMPANY SCAT

pegas fly.com

SOMON AIR

AEGEAN AIRLINES

طيران الخليج Gulf Air

BELAVIA Belarusian Airlines

TAP PORTUGAL

الملكية الأردنية ROYAL JORDANIAN

Cyprus airways


Thank you for your attention!
S7 Technics