



S7

Our experience guarantees
the quality and safety of flights

Your partner in NDT Solutions

We deliver true
non-destructive testing



NON-DESTRUCTIVE TESTING METHODS PERFORMED BY S7 TECHNICS



Liquid Penetrant testing (PT)

Ultrasonic testing (UT)

Magnetic particle testing (MT)

Thermographic testing (TT)

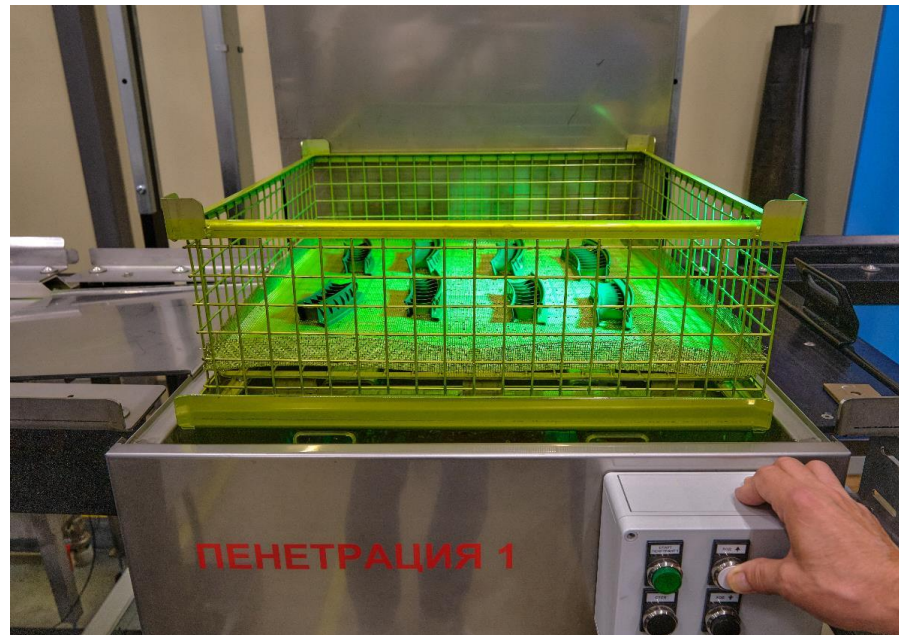
Eddy current testing (ET)

Radiographic testing (RT)

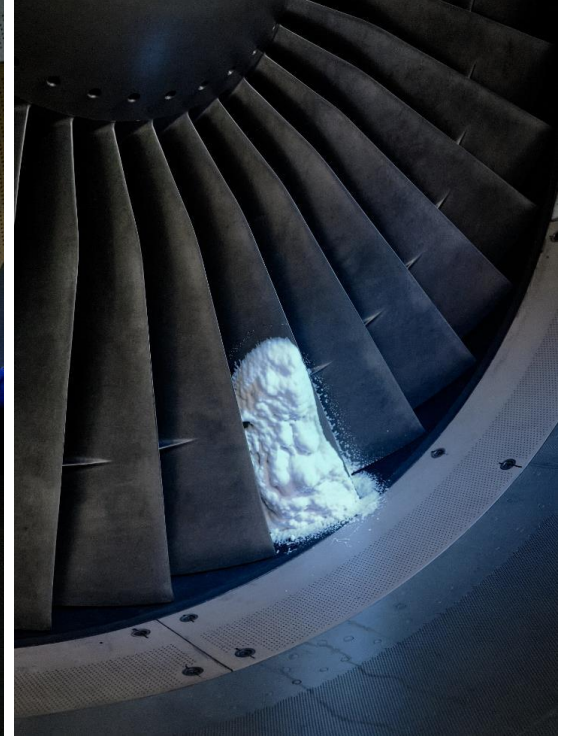
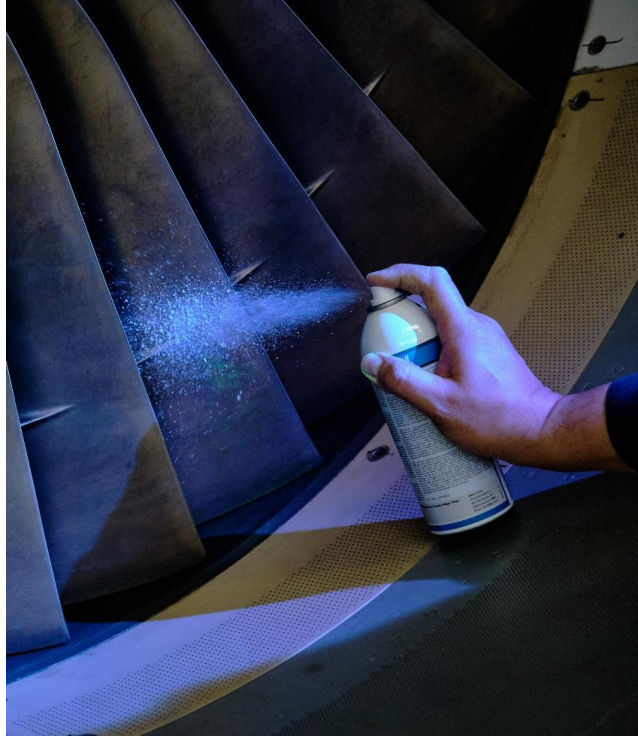
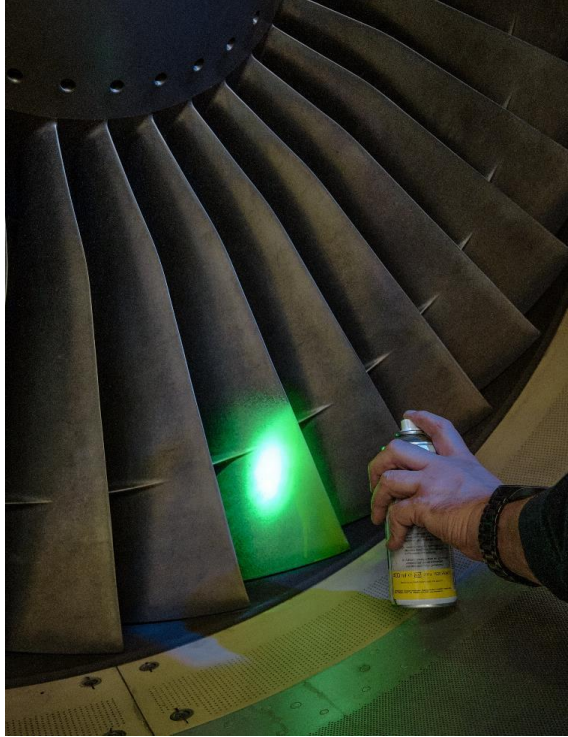
LIQUID PENETRANT TESTING OF LARGE-SIZE COMPONENTS USING ELECTROSTATIC APPLICATION



SEMI-AUTOMATED LIQUID PENETRANT INSPECTION LINE



PORTABLE LIQUID PENETRANT INSPECTION



MAGNETIC PARTICLE TESTING OF COMPONENTS UP TO 2 METERS IN LENGTH USING A BENCH UNIT



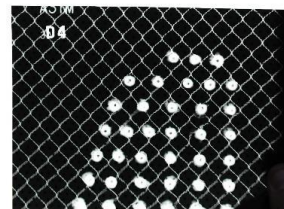
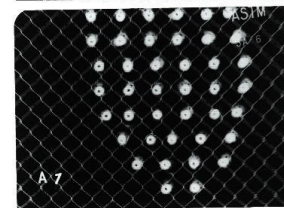
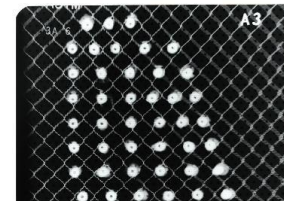
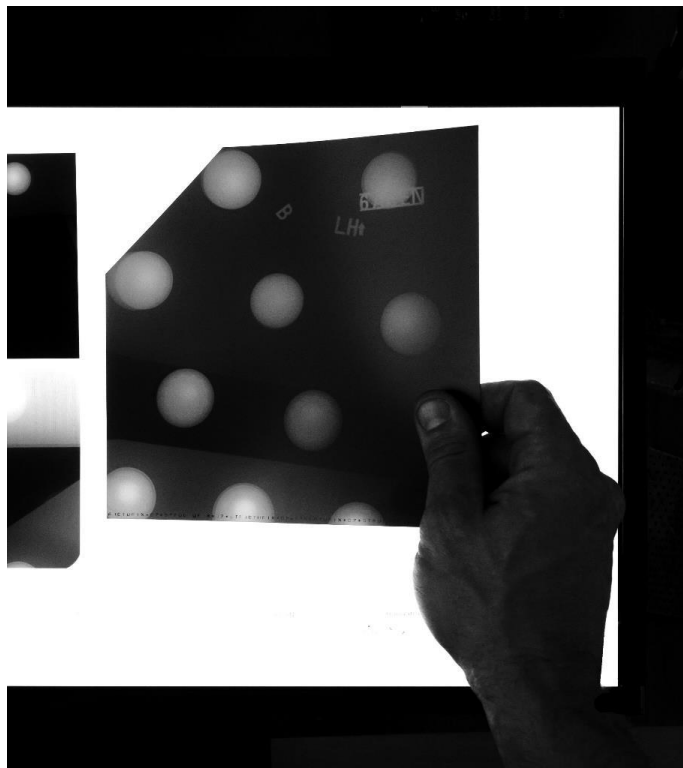
MAGNETIC PARTICLE TESTING USING AN ELECTROMAGNET



THERMOGRAPHIC TESTING (TT)



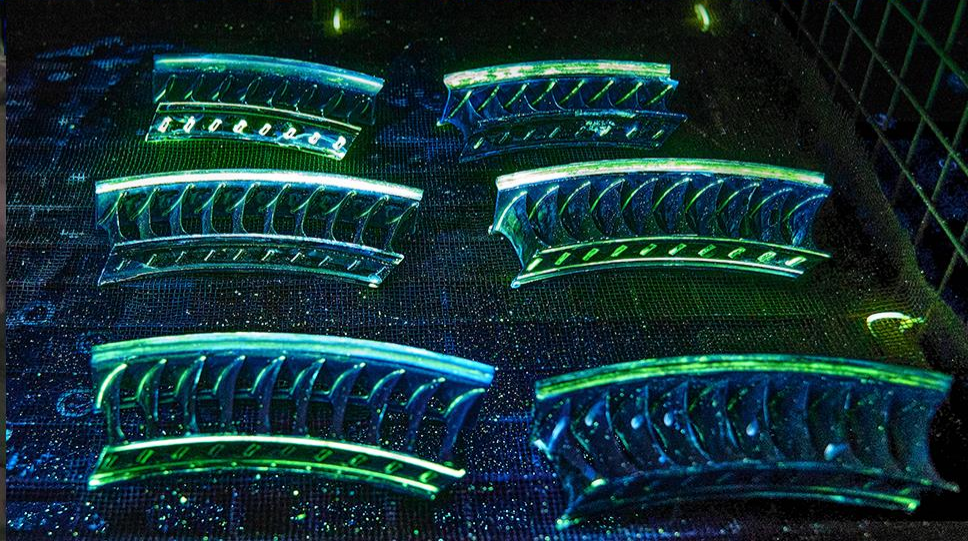
RADIOGRAPHIC TESTING



ATTENTION TO DETAIL



S7



SPECIALIZED SERVICES

✔ **Performing inspections
in line with**

CFM56-7B Service bulletin
72-1033, ENGINE (72-00-00)
- ENGINE - Fan and Booster
Assembly (72-21-00) - Fan
Blade Dovetail Repetitive
Ultrasonic Inspection



SPECIALIZED SERVICES

- ✓ Inspection using Phased Array Ultrasonic Testing (PAUT) equipment



SPECIALIZED SERVICES



✔ Performing inspections in line with

SB 72-0579 CFM56-7B / SB 72-0620 CFM56-5B LPT Frame Assembly
(72-56-00) - Inspection of Turbine Rear Frame on SAC Engines



SPECIALIZED SERVICES

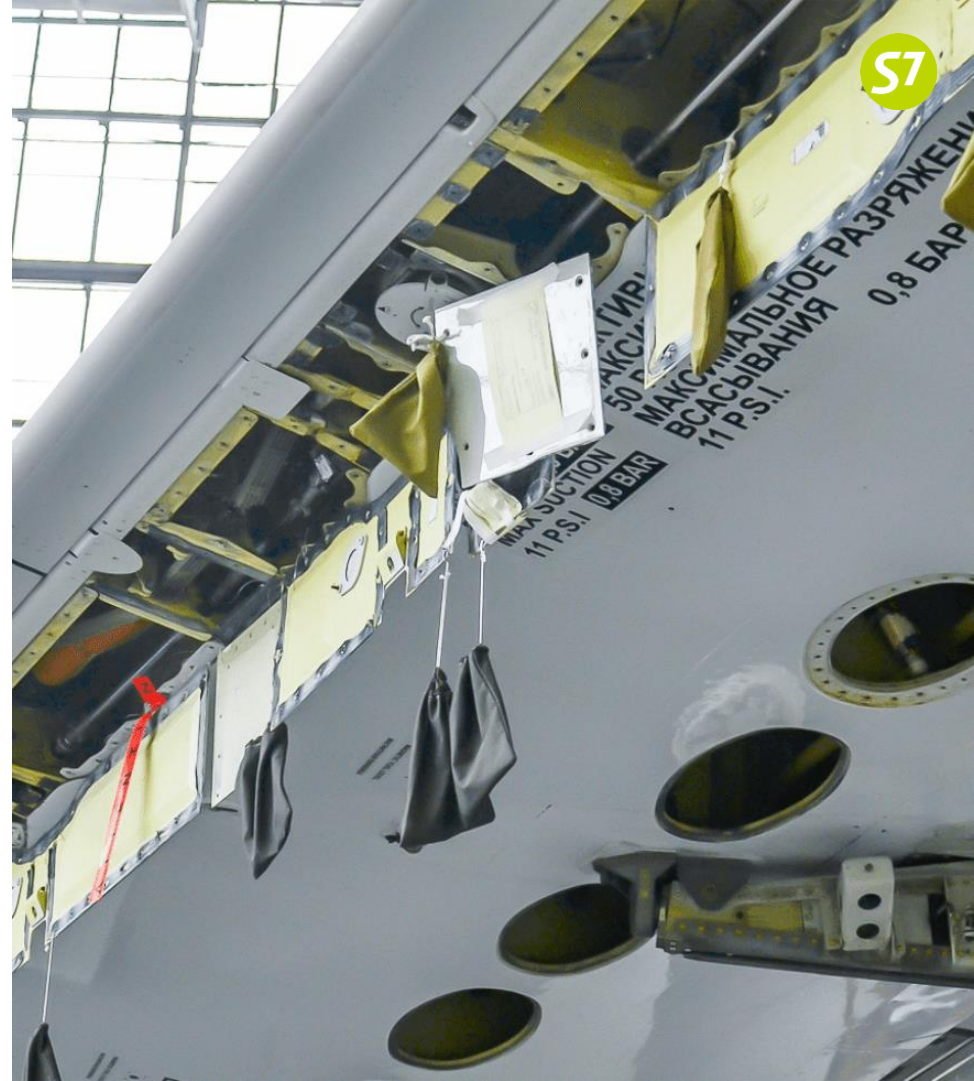
- ✔ Вихретоковый контроль узлов крепления лопаток вентилятора двигателя CF34-3 и CF34-8

CF34-3 and CF34-8 Eddy current inspection of the fan blade pin holes iaw SB 72-0106 and SB72-A0060



NON-DESTRUCTIVE TESTING

performed during
Flight Length Sensitive
Tasks (FLS tasks) **737 NG**



ENGINE BORESCOPE INSPECTIONS

CFM 56

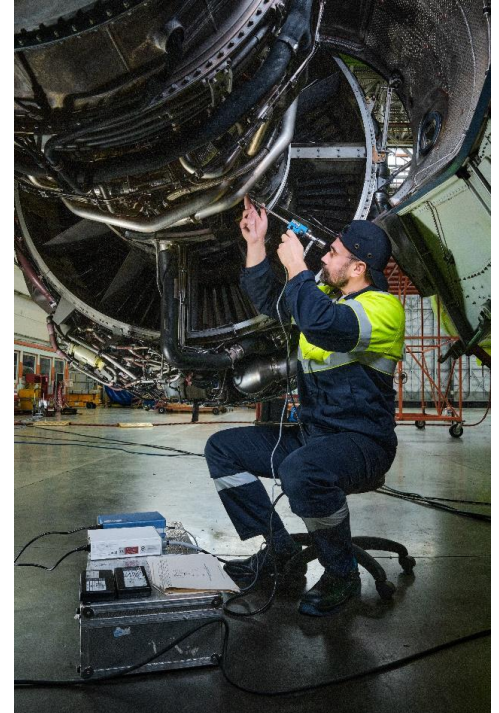
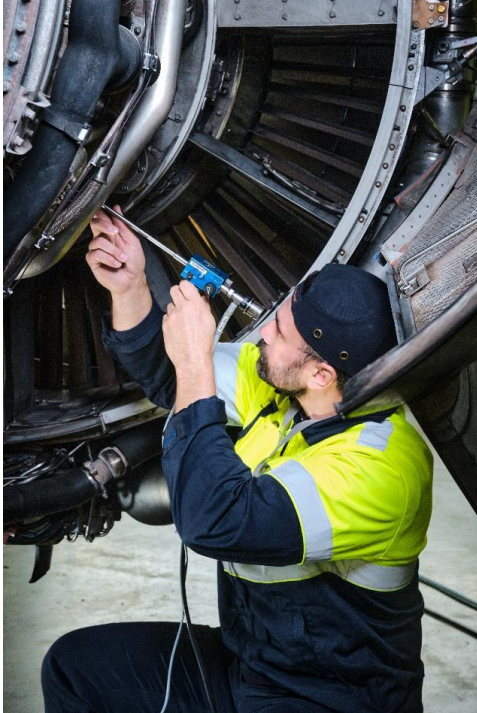
V2500

CF34

PW1100 series



IN-SITU REPAIR OF HIGH PRESSURE COMPRESSOR (HPC) BLADES





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S7

The image features the text "S7" in a white, italicized, sans-serif font. A bright green, glowing arc curves over the top right portion of the "7". The background is a dark gray gradient.