

S7

**Metrological
support**



METROLOGICAL SERVICES



When servicing an aircraft, measuring equipment is used almost everywhere, which require calibration or verification.

As part of the activities of FAR-21, a metrological examination of technical documentation is carried out.

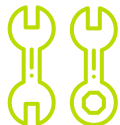


METROLOGY

METROLOGICAL SUPPORT

Metrological support is the establishment and application of scientific and organizational foundations, technical means, rules and standards necessary to achieve the unity and required accuracy of measurements, and in a broader sense - to ensure the quality of measurements, both in each production and in the country.

The competence of the Metrological Service includes the following types of measurements:



Measurements of
mechanical
quantities



Pressure
measurements,
vacuum measurements



Time and frequency
measurements



Measurements of
electrical and magnetic
quantities



Radio engineering
and electronic
measurements



Aviation
equipment



CALIBRATION

Calibration is a set of operations performed in order to determine the actual values of the metrological characteristics of measuring instruments.



[Scope of accreditation for calibration \(validated\)](#)

At the end of 2023, MS expanded their competencies in the field of their activities:



[Scope of accreditation for calibration \(extended\)](#)



METROLOGICAL EXAMINATION

- Comprehensive analysis and assessment of the correctness of the established metrological requirements
- Quality
- Timeliness
- Professionalism



OUR ADVANTAGES

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Qualified specialists of S7 Technics have extensive experience in ensuring prompt and high-quality work on the calibration of measuring instruments.



All work is performed on the appropriate reference base.



Since November 2016, the metrological service of S7 Technics has been accredited by the Federal Accreditation Service of the Russian Federation for the right to carry out calibration work.



[Extract from the Register of the Federal Accreditation Service of the Russian Federation](#)



[OA calibration \(validated\)](#)



[OA calibration \(extended\)](#)



Since May 2022, the Metrological Service has the right to apply the international mark ILAC MRA to the issued calibration certificates.

The ILAC MRA mark on a calibration certificate gives the document international weight, as it clearly indicates that it is issued by an organization whose accreditation is internationally recognized.

Domestic exporters, participants of the ILAC MRA Agreement, get new opportunities when Russian products enter the markets of the Asia-Pacific region, as well as the markets of dozens of other countries.

DIRECTIONS OF DEVELOPMENT

The primary directions of development of the MS company are:

- obligatory observance of accreditation criteria, high level of organization and quality of calibration of measuring instruments within the scope of accreditation;
- complete digitalization of internal processes;
- improving the quality of services provided;
- increase in the share of third-party customers;
- expanding the scope of accreditation in accordance with the needs of the Holding company and third-party customers;
- re-equipment and building up the reference base in the interests of the Holding company;
- organization of on-site calibration;
- retaining and attracting highly qualified personnel to its activities;
- creation of new jobs.





CONTACTS

S7 Technics

For the formation of commercial offers and delivery of measuring instruments contact:

+7 (495) 967 88 50

sales.mro@e-mro.aero

You must first fill out a [questionnaire](#)

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metrology.eng@s7.ru

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, solid grey.