



> HERE WE ARE.

> **NDT**
Nondestructive Testing





NDT

SECURITY FOR YOUR HEAD AND YOUR HEART

Nondestructive testing.

This cold, technological term masks a product that is actually very emotional. Anyone who can rely on components one hundred percent knowing that they are free from symptoms of fatigue can understand that. It is the same feeling you get when you are absolutely certain you turned off the stove before you left home.

In our Component Shop in Troisdorf / Spich, right near the Cologne / Bonn Airport, we offer comprehensive service in the area of nondestructive testing. In addition to our specialization in the area of aviation, we also offer these services to all other industries, thus meeting the growing requirements of lawmakers and manufacturers. We offer all modern processes, such as semiautomatic penetration benches, magnetic particle test benches, and ultrasonic test methods.

LEVEL I, II, III: FROM TESTING TO DEVELOPMENT

In addition to all the usual test methods (see list below), our Level III certification also enables us to develop a testing method that is custom tailored to your specific needs. Whether you need methods for new parts or want to introduce new testing methods for existing parts, our Level III inspectors can provide development, certification, documentation, and training for the required measures. Our certification under DIN EN 4179 and NAS 410 enables us to train the necessary Level II inspectors at all times.

The following standard test methods are always available:

- > Penetrant Testing (PT)
- > Magnetic Testing (MT)
- > Eddy Current Testing (ET)
- > Ultrasonic Testing (UT)





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FLEXIBILITY MEANS MOBILITY

Nayak offers materials testing both in its own laboratory and at customer sites. Particularly in the aviation industry where long ground time means financial losses, this is an indispensable service. Nayak's network of stations, which is available at a continuously increasing number of sites in Europe, offers an indispensable service in this area. Furthermore, of course, NAYAK can offer service wherever you need it. That's what we mean by "HERE WE ARE".

CLEAR BENEFITS IN DOCUMENTATION AND ARCHIVING

In addition to the mandatory detailed documentation in expert findings, NAYAK offers the customers a wake-up service. That means that NAYAK automatically reminds you of regularly required inspections, so you can have the good feeling of knowing that you have done all the mandatory tests of manufacturers and lawmakers. Expert findings are archived and can be called up by you at any time. Company-specific certifications are created; manuals are written; work and test procedures are prepared. This is a service that in the area of aviation is particularly relevant for wheels and brakes. In this area, Nayak can administer your entire stock of wheels and brakes, including delivery service for wheels and brakes to precisely where you need them. That's one less thing you have to worry about.

In addition, there is a lot of talk nowadays about current changes by manufacturers in so-called aging-aircraft programs. Aircraft are now in service substantially longer than was previously thought possible. For that reason, manufacturers are demanding new, regular material checks. We would be happy to create individual solutions for you based on current manufacturer specifications.





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THE CIRCLE CLOSES

The comprehensive and thoughtful nature of NAYAK service, including the area of nondestructive testing, becomes clear as soon as you take a look at NAYAK as a whole. The necessary inspectors up to Level II can be trained at all times in our own training program, a program that is one of the largest in all of European aviation. In the area of engineering and design, NAYAK is utilizing its EASA PART 21 certification to develop modifications for popular aircraft types, for which all the necessary testing methods and inspections can then be developed and carried out internally as well.

One brand, with all services under one umbrella.
HERE WE ARE.



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