



Newsletter NDT

March 2019

We are offering extended NDT services for all type of aircrafts and helicopters

Norrønafly is an leading aviation service center in Northern Europe. We deliver propeller maintenance, wheels & brakes, NDT services and spare part sales.

We carry out our services in our workshop, on-site and/or as an AOG services. Norrønafly has over the last 10 years build up a specialized NDT services offering for propeller aircraft, jet aircraft and helicopters. All our NDT personel are certified according to the EN 4179 standard.

Our NDT methods

- **Penetrant (PT)**
- **Magnaflux (MT)**
- **Ultrasonic (UT)**
- **Eddy Current (EC)**



Please contact Norrønafly for a discussion about how we may support your operation with NDT services.

We deliver NDT inspections as scheduled or unscheduled maintenance or AOG in the Nordic, Europe and around the world 24/7.

Satisfied NDT customers

Norwegian

Norrønafly supports Norwegian with NDT on a 24/7 basis. We deliver NDT service for Boeing 737 and 787 fleet. Key parameters for Norwegian is to keep the fleet on planned schedules and avoid unplanned maintenance. However, a 24/7 AOG partner is crucial for Norwegian. Norwegian and Norrønafly have worked together for almost 30 years. A solid partnership demands mutual trust and good cooperation.



Lufttransport/LT Tech

LT Tech deliver aircraft and helicopter maintenance in Northern Norway incl. Svalbard. Main base is in Tromsø, but line services are carried out in many locations. LT Tech has carefully selected partners to strengthen the extended supply chain in 24/7 operation. Norrønafly Propeller & NDT is very proud to be a trusted partner to LT Tech.



Our NDT capabilities

All our NDT personnel are certified according to the EN 4179 standard. We support the following NDT methods:

- Penetrant (PT)
- Magnaflux (MT)
- Ultrasonic (UT)
- Eddy Current (EC)

Our NDT people will periodically have training and courses to fulfill requirements. In addition, our technicians will have a personal development plan for upgrades.

NDT equipment

All NDT equipment is carefully maintained, serviced and periodically calibrated. Norrønafly has built a detailed system and library for securing that equipment is up to industry standard at all times. Our top-quality equipment and processes secure that top NDT quality are delivered. We are approved for Phased Array (Ultrasonic). Phased array is particularly used in composite.

Services to our customers

Norrønaflly deliver NDT work for the following customers:

- Larger Airlines – NDT for C-check, bird strikes, lightning damages etc.
- Regional airlines – NDT for propeller maintenance, bolts, bird strikes, lightning damages etc.
- Helicopters – NDT of frames, bolts etc.
- Manufacturers – NDT of aircraft bodies, engines etc.

As we are fully certified, we can issue Form 1 immediately after work is completed.

This saves time and is very cost effective.

Boeing

We have for several years supported NDT work on Boeing 737 and 787. Majority of work related to the aircraft body, but also work related to the engines. Main methods are Eddy Current, Ultrasonic, Penetrant and Magnaflux. In 2018 we started to deliver NDT work for aircraft bodies which are made of composite materials. Main work will be for the Boeing 787 in form of Ultrasonic - Phased Array.

Rolls Royce

During the fall of 2018 we have educated 3-4 persons for NDT work for the RR engines Trent 1000, Pack B, C and 10. Approved for Rotor 1 & 2.

Key Success factors

Today our success in NDT is built on our reputation as flexible, always available, our knowledge and advisory. It is crucial to support a 24/7 AOG working schedule as well as planned work with flexible resources. Norrønaflly has developed core values for being an attractive partner. These are based on:

- Safety
- Quality
- Responsibility
- Competence

Our values act as our “compass” for how we communicate, how we never promise more than we can fulfill, how we make sure each and one of us are responsible for quality in our work and that we all are ambitious for improving our knowledge and capabilities.

NDT advice and quotes for maintenance

Matts Olsson at Norrønaflly states the importance of understanding customer expectations and deliver accordingly.

Our goal is to developed partnerships were we create a “win-win”. A good business relationship have to work both ways. or any kind of support we may offer you.

Please see our webpage: www.norrønaflly.com Please contact Matts Olsson mo@norrønaflly.com or Jan Petter Selvik jps@norrønaflly.com to discuss how we might support your business.