Introduction
As a Fokker 50 operator you aspire to have a continuous, safe operation and high reliability of the Fokker 50 aircraft itself, as well as flexible, customized support from the Type Certificate Holder. Fokker Services is in prime position when it comes to providing comprehensive support services to aircraft operators, owners and lessors alike. The Fokker 50 Leading Edge Program increases your operational flexibility, dispatch reliability and gives you a solid financial forecast.

Your needs
Unfortunately, bird strikes, stone-chippings and ground equipment incidents are common occurrences in daily aircraft operation. Avoiding these circumstances is almost impossible, especially when you aim for a fully efficient and operational fleet. However, adapting your operation to these circumstances is possible. Because no customer is the same, Fokker Services has the flexible Fokker 50 Leading Edge Program that will meet your requirements in regard to fully serviceable leading edge availability on your Fokker 50. Fokker Services offers three options, namely;

- **Exchange + Replacement + Repair option of Assy**
  Fokker Services offers exchanges including replacement and repair option. This will give you guaranteed availability of leading edges that are stored according to the pre-described storage requirements, minimal warehouse capacity, and reliable uninterrupted operation without major capital investments.

- **Replacement + Repair option of Assy**
  When you already have a Fokker 50 leading edge spares set in stock, you can keep this spares set updated with our replacement and repair option. Additionally, you can always rely on our comprehensive spares availability (converting your repair into a shop exchange) to guarantee availability.

- **Supply option of De-icer boot**
  When you manage the (in-house) replacement + repair of your leading edges yourself, you are most likely only interested in the supply of the de-icer boots instead of a complete leading edge assy. With this last option you can still manage the repair process yourself, while benefiting from our interesting offer of purchasing the de-icer boots from Fokker Services.
Your benefits

High operational flexibility is a main feature of the Fokker 50. With our Fokker 50 Leading Edge Program offer you can choose from a variety of interesting alternatives to replace your unserviceable Fokker 50 leading edge, whether you are a start-up operator, an operator with some years of experience, or a fully mature operator. Fokker Services is able to offer a Fokker 50 Leading Edge Program anytime and for each kind of customer.

For more than 20 years, Fokker Services has been equipped with an in-house leading edge re-skinning and repair shop as part of our intensive component maintenance capabilities. We processed more than 4000 leading edges over the years. All of the employees working within our composites shop have at least 10 years of experience on leading edges. It is because of this experience-based strength that we are able to offer you the best available combination of services.

Product description

The construction of the different leading edge de-icer boots is similar and differs only in length and contour. The leading edge de-icer boots fitted to the horizontal stabilizer are made from Estane material while the other boots are made from neoprene. De-icing of the wing and stabilizer leading edges is achieved by a pneumatic operation. All of the fifteen de-icer boots that make up the installation are bonded to a removable leading edge section.

The outer surface of the boot is covered with a veneer of bespoke compounded material to provide protection against ageing due to sunlight, oil, ozone and heat. The aerofoil leading edge sections are covered with the de-icer boots, which are made to expand and contract with the intention of breaking up ice formation on the leading edges. Filtered air from the engine bleed air system inflates the de-icer boots, while deflating occurs by exhausting the air to the atmosphere. A timing device within the system causes the individual de-icer boots to be inflated and deflated at different times, thus producing a pulsating effect along each leading edge, to break up the ice more efficiently.

Fokker Services favors the FASTboot de-icer boots. Installation of these boots is preferred to the non-FASTboots (installation of the non-FASTboot de-icer boot as well as the supply of non-FASTboot de-icer boots is also possible on request). The FASTboot de-icer boots take the guesswork out of de-icer installation. The pre-applied adhesive provides a smooth and consistent de-icer bond at a fraction of the time needed for application of standard de-icers. Simply add the primer to the clean leading edge surface and allow a five-minute drying time. Following the approved installation procedure, peel and stick the pneumatic de-icer boot to the leading edge of your aircraft which results in reduced installation time, downtime as de-icers dry in one hour, hazardous waste through pre-applied adhesive and risk through initial installation guarantee.

Contact

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