



Internship Ice protection

The organization

Fokker Services is an independent aviation 'service provider'. We offer tailor-made solutions to regional, commercial and military aircraft. This is how we supply aircraft parts and offer availability programs for components, how we do maintenance and provide modification programs. We strive to offer our customers only the best from engineering to customer service. At Fokker Services we have a clear focus, i.e. to keep aircraft there where they belong: in the air. Fokker Services employs more than 350 people in the Netherlands, the USA and Singapore.

The internship assignment

Fokker Services is the Type Certificate Holder of the Fokker aircraft fleet (F27, F28, Fokker 50, 60, 70 and 100). One of the responsibilities of the Type Certificate Holder is to monitor the continued airworthiness of the fleet.

On the Fokker 70 and 100 aircraft there is a recurring issue of freezing of an autopilot control cable in a capstan groove. Currently there is a maintenance task in place to grease the capstan at a certain interval. Unfortunately the location of the capstan is outside the pressurized fuselage so the capstan is in a harsh environment with respect to temperature, wind, and precipitation. Also the capstan may be subjected to de-icing fluids. All these effects contribute to a quite frequent maintenance task.

Fokker Services is looking for an intern that can develop improvements in the current installation and/or maintenance so that the occurrence rate decreases and the overall costs for the operators will become lower. These improvements could consist of the introduction of a better (longer lasting) grease, introduction of a coating or any other form of surface treatment that makes the cable/groove installation more icephobic, unthought-of forms of predictive maintenance, or any combination of these, as long as the target (less occurrences, lower overall costs) will be attained.

Location

Location of the internship is Fokker Services, location Hoofddorp, Hoeksteen 40, Hoofddorp.

Profile

The expected level of the trainee is preferably HBO with a technical course (e.g. mechanical engineering, aeronautical engineering, etc. A practical 'can-do' approach and cost consciousness are the essential characteristics expected from the candidates.

More information and applications: Arthur Reekers – Airworthiness and Certification Engineer (arthur.reekers@fokkerservices.com, 088-6280404)