

# FOKKER SERVICES SUPPORTS LUFTHANSA CITYLINE

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The "world is our market" is Fokker Services view for supporting the airline industry with flexible, highly skilled maintenance personnel. The support is not limited to the Fokker aircraft: it is extending very successfully to various other aircraft types. You probably have heard that Fokker Services also provides services such as the performance of maintenance checks and the incorporation of modifications for non-Fokker aircraft.

## ON-SITE SUPPORT FOR CRJ AND AVRO AIRCRAFT

However, the support that is provided goes further than this. Fokker Services also offers on-site support to airlines, ranging from maintenance to special engineering support, both for Fokker and non-Fokker aircraft.

Although it is true that these other aircraft types sometimes present new challenges, the experience of our staff ensures a quick start and rapid familiarization.

For example, for more than a year now Fokker Services provides various types of support to Lufthansa



CityLine on their CRJ and AVRO aircraft.

Lufthansa CityLine is a major German commuter airline, which has grown out of the companies "OLT" and "DLT". These operators flew with Fokker 50 aircraft and already knew Fokker Services for their good reputation on aircraft design, maintenance and supporting airliners.

Lufthansa CityLine is operating in Europe with 33 Bombardier CRJ100s, 10 CRJ200s, 5 CRJ700s (15 CRJ 700s still on order and 10 options) and 18 AVRO RJ85s. Maintenance and modification programs for the CRJ aircraft are primarily performed at Lufthansa CityLine's

own facilities at Cologne/ Bonn airport. The AVRO RJ85 C-checks are performed at Stansted in the U.K.

For an extensive avionics modification program with a challenging time schedule to the CRJ100 and 200 series, Lufthansa CityLine had the need for a number of experienced sheet metal workers and avionics specialists. Fokker Services provided these skills, and 9 sheet metal workers and 18 avionics specialists were stationed for this job in Cologne for seven months.

Lufthansa CityLine was very pleased with this program, and based on this Fokker Services was approached to perform a second, even larger, modification program, the cockpit upgrade of the CRJ aircraft.

## EICAS, EGPWS AND GPS COCKPIT UPGRADE

The cockpit upgrade was also carried out on-site at Lufthansa CityLine. The upgrade consisted of the installation of an Engine Instruments and Crew Alert System (EICAS), an Enhanced Ground Proximity Warning System (EGPWS) and a double





Global Positioning System (GPS). Fokker Services' extensive experience with such complex modifications, involving multiple systems and technical disciplines, was effectively put to use.

Concurrently with the cockpit upgrade program, upgrades to other existing systems were performed. A crew of 27 Fokker Services specialists were dedicated to complete the modification at the Cologne based maintenance facilities. A six-day move rate was achieved after the first three aircraft. And finally even a five-day move rate was reached. In this way the entire fleet of 43 CRJ 100 and 200 aircraft could be upgraded to company standard

within half a year, with a minimum of aircraft down-time. The work was carried out in three shifts, continuing 24 hours a day, seven days a week. Besides these specific modification programs, daily support was given for the CRJ C-checks concurrently performed.

### ENGINEERING SUPPORT

From June 2001 also engineering support is provided: Fokker Services' structures engineers have been tasked to provide engineering support to the C-check performed in Cologne, and are also being sent out to monitor third party work at other sites.



"The knowledge and experience of the structure engineers has proven it's value" says Jürgen Sehne, Section Manager Engineering Lufthansa CityLine, "especially with small accidental damages when the aircraft has to return to business as soon as possible".

Concluding Fokker Services also offers technical consultancy activities for both Fokker and non-Fokker aircraft. Our extensive in depth experience guarantees a flexible and skilled support for your engineering department. This experience also extends to communication with vendors and OEM's.

### ON-SITE SUPPORT TEAM

Currently Fokker Services has formed a group of 65 employees supporting airlines on almost every continent. Fokker Services has proven to be a reliable partner for satisfying your (temporary) need for highly skilled professionals for all kind of maintenance and engineering activities.

**Do you have a sudden need for specialists to perform a certain job? Call Fokker Services BV, your partner in business!**

