

Kelsterbach, September 30, 2004

A technological innovation in the cockpit for Lufthansa

Lufthansa Systems today announced that it is breaking new ground in the creation of charts for aircraft cockpits with its "Lido Route Manual". The subsidiary of the Lufthansa Group is presenting a technical innovation for flight operations: for the first time, charts are being generated electronically from a database. The new charts, which are drawn to scale, support visual thought with their clear color-coding and self-explanatory symbols.

Since the start of September, Lufthansa has been flying with the Lido Route Manual from Lufthansa Systems. Just four weeks after the delivery of the first charts, 50 percent of all of Lufthansa's takeoffs and landings worldwide are being carried out with the new charts. The new, electronically generated charts differ considerably from the charts previously produced by CAD tools. Colors and symbols support the pilots' visual thought and ensure that they have all the necessary information available at a glance. The new true-to-scale display also allows for easier orientation. Furthermore, Lufthansa is also benefiting from the new complete "Airport Facility Charts". These overview charts contain all relevant information for approach and take-off procedures at a given airport.

The charts are generated using the Lido navigation database created and maintained by Lufthansa Systems, which contains all the aeronautical information available worldwide. This database also acts as the foundation for other proven IT solutions in the Airline Flight Support business segment of Lufthansa Systems. These solutions are already being used successfully by over 110 airlines.

„Our automatically generated charts offer a significant quality advantage which results from the individual chart elements being linked to the database. This product is a good example of how we create added-value for customers through innovative solutions. By the end of 2004, we will have adapted the charts for all 650 airports relevant to Lufthansa so that they conform to the new chart standard. We also plan to add around 1,500 airports to our database by the end of 2005 so that other airlines can also switch to our innovative charts.

We are already involved in intensive discussions with a few airlines," said Dr. Peter Franke, CEO of Lufthansa Systems Group GmbH.

"The development of the Lido Route Manual is a good example of how we leverage our own expertise in a profitable way within the Lufthansa Group. The specialists from Lufthansa Systems worked hand in hand with our pilots. The use of the Lido Route Manual opens up cost-saving potential for the Lufthansa Group and clears the way for a paperless cockpit, because most information is now available in digital form," said Captain Carl Sigel, who represents the Flight Operations department on the management board of Lufthansa Passage Airlines.

Note to editors:

Lufthansa Systems is one of the world's leading IT service providers to the airline and aviation industries. As systems integrator, the wholly-owned subsidiary of the Lufthansa Group covers the entire range of IT services, including consulting, development, implementation and operation. Lufthansa Systems provides its IT infrastructure and operations services to a variety of industries. Headquartered in Kelsterbach near Frankfurt/Main, Germany, the company has branches in Germany and 14 countries and employs about 4,400 people worldwide. In business year 2003, Lufthansa Systems recorded sales of EUR 610.7 million. For more details, see www.LHsystems.com.

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