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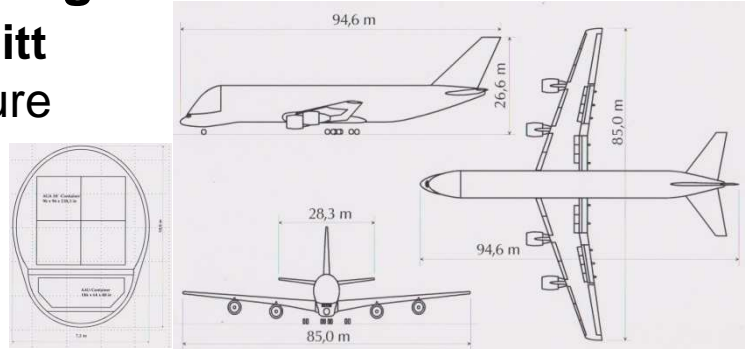


Verein Deutscher Ingenieure
Hamburger Bezirksverein e.V.
Arbeitskreis Luft- und Raumfahrt

Invitation to an RAeS lecture in cooperation with the DGLR and VDI

Future Freighter Aircraft - Converted Passenger Aircraft or Dedicated Freighters?

Prof. Dr.-Ing. Dieter Schmitt
former VP Research & Future
Projects, Airbus



Lecture
followed by discussion

Entry free !
No registration required !

Date: Thursday, 24th October 2013, 18:00
Location: HAW Hamburg
Berliner Tor 5, (Neubau), Hörsaal 01.12



Lecture in English

The lecture will look at the market forecast for freighters, as seen by the large aircraft manufacturers. A short discussion about advantages and disadvantages for modified passenger aircraft will follow. A study in 2000 by 3 European universities defined a large freighter transport aircraft named „ECOLIFTER“. This ECOLIFTER concept was based on a set of requirements which had been discussed with Lufthansa Cargo and some freight forwarders. Results of this study will be given. Unfortunately the industry had no interest as the A380F was already planned but as found later on there was predictably little positive market interest. Recent studies still show an interesting niche market for a dedicated freighter aircraft, not only for very large aircraft but also for smaller aircraft sizes.

Dieter Schmitt was awarded his PhD at the TU Darmstadt in 1976 after which he joined MBB in Hamburg as a Flight Mechanics Engineer. In 1980 he moved to Airbus in Toulouse as Manager Aerodynamics coordinating all aerodynamics activities across Airbus. In 1985 he became General Manager Research and Technology at Airbus, before moving back to Deutsche Airbus in Hamburg in 1990 as Vice-President Future Projects responsible for all future new projects in Hamburg. In 1996 he moved back to Toulouse as Chief Engineer at Airbus responsible for all new projects and derivatives. In 2002 he then became Vice-President Research and Future Projects responsible for the Airbus R&T programmes.

In 2007 he retired from Airbus becoming an independent consultant and director of Bauhaus Luftfahrt. He has given more than 80 scientific papers and lectures at national and international conferences. He is scientific referee for many PhD theses and he was a board member of the DGLR from 1996 to 2002 and on the DGLR Senate since 1996.

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