



Aircraft Modeling for PrADO

Task for an *Internship*

Background

This internship takes place as part of the aircraft design research project "Green Freighter" on unconventional cargo aircraft with alternative propulsion systems. One aspect of this research project is the investigation of a propeller-driven Blended Wing Body. The aircraft design program PrADO is used for the investigation. However, PrADO is so far limited to jet aircraft.

This is a Bishop GmbH internship in cooperation with Hamburg University of Applied Sciences and Airbus GmbH. Place of work is both at Bishop GmbH and at the University.

Task

The intern shall model details of an aircraft for inclusion into PrADO. One example of such detailed modeling is the inclusion of the belly fairing of a modified ATR 72 into PrADO. Further similar modeling tasks will be assigned as the project evolves.

The results shall be presented in a technical report that has to be written according to German or international standards on report writing.

Contact

Bishop GmbH - Aeronautical Engineers
Aviation House
Blankeneser Bahnhofstraße 12
22587 Hamburg
Germany
<http://www.bishop-gmbh.com>

You may contact Bishop GmbH by phone on +49-40-866258-10 and refer to "Green Freighter Internship".

More Information

The "Green Freighter" project is coordinated at Hamburg University of Applied Sciences. Information on the project: <http://GF.ProfScholz.de> Contact Prof. Dr. Scholz or Kolja Seeckt (Seeckt@fzt.haw-hamburg.de; +49-40-42875-7910) for more information on the technical contents of the work.