Contributions of DESIREH towards ACARE Vision 2020

H. Strüber Airbus Operations GmbH, High-Lift Design Airbus-Allee 1, 28199 Bremen, Germany

S. Kleinveld Dassault Aviation 78 Quai Marcel DASSAULT,92 210 Saint-Cloud, France

E. Jesse ADSE B.V. Scorpius 90, 2132 LR, Hoofddorp, Netherlands

Abstract

In this contribution the achievements made within the project DESIREH are assessed against global targets currently agreed to guide the development of future air transportation.

The assessment is two-fold towards the aircraft and the potential to contribute especially to targets related to environmental aspects by enabling laminar wing technology, and towards the improvement of design methods and their contribution to a shorter term around time in aircraft development.