Welcome to the 1st Workshop

WakeNet3-Europe
A network on Aircraft Wake Turbulence

Wake Turbulence Safety in Future Aircraft Operations

Hosted by Thales Air Systems at Thales University
Paris, January 8th & 9th, 2009
Andreas REINKE, Airbus, Coordinator
• European Coordination Action for Aircraft Wake Turbulence
  ‣ WakeNet3-Europe / WN3-E

• is a Coordination Action Project of the Seventh Framework Program of the European Commission

• is a consortium of 12 partner organisations and Eurocontrol

• is a framework for information exchange and discussions of wake vortex related aerospace topics between professionals YOU
• Airbus - *Coordinator*
• Thales Air Systems
• Thales Avionics - *Deputy Coordinator*
• Deutsches Zentrum für Luft und Raumfahrt (DLR)
• Nationaal Lucht- en Ruimtevaartlaboratorium (NLR)
• DFS Deutsche Flugsicherung
• Office National d’Etudes et Recherches Aérospatiales (ONERA)
• NATS En-Route Plc.
• Université catholique de Louvain (UCL)
• Technische Universität Berlin
• European Cockpit Association
• Technische Universität Braunschweig
• Eurocontrol - *Third Party*
• started on April 1st, 2008
  and planned to run until March 31st, 2011 (3 yrs)

• its Mission:
  ‣ To promote multidisciplinary exchange between scientific and operational specialists in the field of wake vortex turbulence
  ‣ To enable the development of a shared view on how to address capacity-related issues caused by wake turbulence.

• its Concept:
  ‣ Workshops - large & small - for information exchange and discussions
  ‣ Public Documents on State of the Art & Research Needs
• is the successor to earlier European *WakeNets*
  ‣ WakeNet, 1998 - 2002
  ‣ WakeNet2-Europe, 2002 - 2006
  ‣ WakeNet-Europe, 2007

• is a partner to other *WakeNets* worldwide
  ‣ WakeNet-US
  ‣ WakeNet-Russia
  ‣ …
• WN3-E 1st Workshop

Wake Turbulence Safety in Future Aircraft Operations

• Five main topics
  ‣ 1 Wake Vortex Concepts in SESAR and NextGen
  ‣ 2 Operational Detection and Prediction of Wake Vortices
  ‣ 3 Wake Vortex related Safety Cases for Operational Implementation
  ‣ 4 Wake Advisory and Warning Systems
  ‣ 5 Towards Recategorisation of Wake Turbulence Separations
Organisational items

Registration
- If you did not manage to pay your fees yet: please get in contact with Thomas Feuerle

Timing
- Strict timing. Let’s do our best to start & end on time!
- Session chairs act as time-keepers

Questions
- 5 Minutes at the end of each presentation

Group Photo
- Meet prior to today’s lunch (12:50) in front of the building
• Visit www.WakeNet3-Europe.eu
  ‣ To find the presentations of this workshop
  ‣ To find calls for upcoming workshops (small & large)

• Thanks
  ‣ to the EC
  ‣ to the local host - Thales Air Systems
  ‣ to the chair persons & presenters
  ‣ to the WN3-E partners
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