

AGENDA

Wednesday, March 26, 2003

- 9:00 *Opening/welcome by the co-ordinator* (A.C. de Bruin, NLR)
9:05 *Welcome by the EU Scientific Officer* (J. Prieur, Commission)
9:15 *A brief introduction to the scope and organisation of the S-Wake project*
(A.C. de Bruin: NLR)

WP1

- 9:30 *Introduction to WP1: Wake vortex evolution and transport* (H. Moet: CERFACS)
9:40 *WP11: CFD studies* (H. Moet: CERFACS)
9:55 *WP12: Simplified wake vortex modeling* (G. van Baren: NLR)
10:10 *WP13: Wake Vortex Behavior Classes (WVBC)* (M. Frech, DLR-PA)
10:25 *WP13: Airport WVBC climatology and predictability* (P. Agnew, Met Office)
10:40 *Summary of WP1: main conclusions and recommendations* (H. Moet, CERFACS)
10:45 discussions (15 minutes)

11:00 Coffee break

WP2

- 11:15 *Introduction to WP2: the development of aerodynamic models for wake vortex encounter and their validation* (B. Krag: DLR)
11:30 *Requirements and interface development for WVE models* (A.Reinke,TU-Berlin)
11:40 *Introduction to the ONERA strip model and its initial validation* (B. Escande, ONERA)
11:50 *Introduction to Lifting Surface Method and its initial validation* (A. Reinke, TUBerlin)
12:05 *Flight tests for wake vortex encounter validation* (B. Krag, DLR)

12:25 Lunch

- 13:10 *Strip model and Lifting Surface Model validation with flight test data* (B. Krag, DLR)
13:30 *Summary of WP2: main conclusions and recommendations* (B. Krag, DLR)
13:35 Discussions (15 minutes)

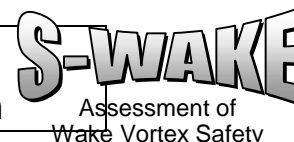
WP3

- 13:50 *Introduction to WP3: A safety assessment through flight simulations*
(R. Luckner, Airbus-D)
14:05 *WP31: Preparation and validation of the flight simulators* (M. Fuhrmann, Airb-D)
14:20 *WP32: Results from the piloted flight simulations* (R. Luckner, Airbus-D)
14:40 *WP33: Simplified wake encounter models* (B. Escande, ONERA)
15:00 *WP34: Determination of worst case scenario's* (G. Höhne, Airbus-D)
15:10 *Summary of WP3: main conclusions and recommendations* (R. Luckner, Airbus-D)
15:15 Discussions (15 minutes)

15:30 Tea-break

S-Wake

Final Review Meeting, March 26-27, NLR-Amsterdam



WP4

- 15:45 *Introduction to WP4: A probabilistic safety assessment* (L. Speijker, NLR)
16:00 *WP41: Overview of wake vortex safety assessment methodology* (L. Speijker, NLR)
16:10 *WP411: Risk management framework* (S. Mason, NATS)
16:20 *WP413: Extended risk assessment model* (L. Speijker, NLR)
16:30 *WP422: Extended safety assessment of single runway approaches* (G. van Baren, NLR)
16:50 *WP423: Evaluation of separation distances and capacity* (L. Speijker, NLR)
17:00 *WP424: An overview of possible concepts for reduced wake vortex separations*
(N. Imbert, ONERA)
17:15 *Summary of WP4: main conclusions and recommendations* (L. Speijker, NLR)
17:25 Discussions
17:45 Closure

20:00 Dinner in Amsterdam in restaurant (approximately 35 €per person):

Le zinc . . . et les autres
Prinsengracht 999
1017 KM Amsterdam
tel 020 6229044
fax 020 6390270

Thursday, March 27, 2003

WP5

- 8:30 *Introduction to WP5: Safety assessment from London-Heathrow data collection*
(S. Mason, NATS)
8:40 *WP51: Development and validation of the FDR wake vortex detection and classification
algorithm* (S. Mason, NATS)
8:45 *WP52: The LHR database activity* (S. Mason, NATS)
9:00 *WP52: LHR data analysis, WVE statistics* (H. Davies, NATS)
9:15 *WP52: LHR data analysis, Meteo data analysis* (P. Agnew, NATS)
9:30 *Summary of WP5: main conclusions and recommendations* (S. Mason, NATS)
9:40 Discussions

Final session

- 10:00 *Conclusions, summary of lessons learnt and further work to be done* (A.C. de Bruin, NLR)

10:10 Coffee break

- 10:20 *Management, Technology Implementation Plan, contractual and financial issues*
(A.C. de Bruin, NLR)
10:30 General discussions (all)
11:10 Statements by the reviewers
 - Florent Laporte, Airbus-D
 - Thilo Stilp, Airbus
 - Antoine Vidal, EUROCONTROL
 - Jean-Pierre Nicolaon, EUROCONTROL
 - Stefan Wolf, IFALPA12:00 Closing remarks by the Commission Scientific Officer (J. Prieur, EC)
12:20 Official closure of the S-Wake review meeting (A.C. de Bruin, NLR)
12:25 **Lunch**