

Workshop
General Aviation : Noise at source and Impact
October 28, 2011 - Marseille, France
Espace Villeneuve Bargemon

Program

Co-Chaired by :
Onera - Denis Gély & NLR – Harry Brouwer

Morning

Welcome 8h45 – 9h15

9h15 **Opening Lecture**
Onera – Denis Gély

9h30 **Airfield issues. A view from Switzerland.**
Federal Office of Civil Aviation – Paul Stulz

10h00 **Certification aspect for General Aviation**
DGAC, French Aviation Authority – Bruno Hamon

10h30 --- Coffee Break ----10h50

Propellers session

10h50 Overview of propeller noise research in the Netherlands
NLR – Harry Brouwer

11h10 An overview of computational methods for single propellers aeroacoustic predictions
at Onera
Onera – Alain Chélius

11h40 Researches for reducing propeller noise emission on pusher configuration
Piaggio – Marco Aversano

12h10 Antonov GA Aircraft Noise: measurements in wind-tunnel and certification procedures
Antonov – Vasyl Prasolov

12h40 --- Lunch --- 14h00

Afternoon

Mufflers session

14h00 IC-engine Exhaust and Intake System Muffler Design
KTH – Hans Boden

14h30 Muffler manufacturer presentation
Gomolzig

Experimental Data Base session and mapping

15h00 Practical aspects of General Aviation mapping
ANOTEC – Nico Van Oosten

15h25 Application of noise source prediction models to airfield noise mapping
NLR – Harry Brouwer

15h40 Akovlev-18 aircraft noise and its impact assessment on population in vicinity of
airports/aerodromes
GosNIIGA - Oleg Kartyshev

16h05 ---- *Coffee Break* -----16h30

16h30 Expected presentation from EC (PoC – D. Collin)
Perspective for European Research – TBC

16h50 Round table with engine and aircraft manufacturers and with all attendees
Moderator : Safran / SMA Dominique Collin

17h40 **Closing talk and concluding remarks**
NLR (& Onera) – Harry Brouwer

17h50 **Updating the list of participants interested in the further the General
Aviation Task Group activity**
Denis Gély with the national focal PoC

18h00 **End of the Workshop**

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General information

No registration fees for participation

Registration : by Email to
Denis.gely@onera.fr and brouwer@nlr.nl

Venue : Espace villeneuve-Bargemon.
Quai du port – 13002 Marseille
<http://bargemon.marseille.fr/bargemon/>

Accommodation

Connect to the ANERS symposium web site
<http://www.aners2011.com>
Download the PDF document and see page 6

