



**Workshop**  
Institute of Aviation  
Warsaw, July 7- 8, 2009



# **SESSION BRAVO**

## **Environmentally Friendly GA**

Moderator: **Zdobysław Goraj (EASN)**

Number of participant in the session: **31**

Number of proposals: **7**



# Workshop

Institute of Aviation, Warsaw, July 7- 8 , 2009



## SESSION BRAVO – Environmentally friendly GA

No	Acronym	Company	Idea of Consortium	State of the Art	Expected Effects of the Proposal
1	SESF-GA	IoA	NOT		Increase of efficiency of take off, landing and cruise conditions
2	SECOGEN-GA	IoA	IoA, WULS BOL(SME), .....		
3	FLEX	IoA	NOT		
4	CPU	IoA	NOT		
5	APASH	AIT			
6	GA-TP-TF	IVCHENKO			
7	ENGINE EFF.	IVCHENKO			



## Workshop

Institute of Aviation, Warsaw, July 7- 8 , 2009



# "Towards safer EPATS by means of STOL solution" - acronym **AEROVAN**

Utility: passenger transport between unprepared, very short runways;  
rural areas, mountains, forestry, meadows,  
short runways in city centres (150 m)

Cruising speed: 300 km/h

Parameters: span – 15 m; wing area – 32 m<sup>2</sup>;  
cabin – 1.4 x 1.6 x 3.7 m

MTOW = 4000 kg

Landing/Take-off run = 150 m

Range = 1200 km

Number of passengers ~ 14

Main objective – to design and optimise  
a safe and efficient aircraft of  
increased safety factor - see next slide

