

OSTIV at the Soaring Society of America (SSA) Conference 26-29 January 2011, Philadelphia, Pennsylvania, USA

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Some time ago, it was agreed with the SSA that OSTIV would conduct a speaker track at the forthcoming SSA Conference* (similar to last year's OSTIV Track at the SSA Convention in LIT). As at last year's Convention, SSA has agreed to an OSTIV 'Nite' which will be held Thursday, 27 January 2011.

*Because there will be no exhibit hall, the event is being called the 2011 SSA Conference, otherwise it's the same with the usual special breakfasts, lunches, evenings, etc.

The venue:

Sheraton Society Hill Hotel, One Dock Street (2nd & Walnut, more or less downtown Philly, near the Delaware River), Philadelphia PA, USA 19106 (PHL); 1.215.238.6000, 1.800.325.3535; Single, Double, Triple, Quad: \$119; Liberty limo from airport to Hotel: \$10.

The schedule:

25-26 January 2011: Soaring Safety Foundation (SSF) CFG Clinic (Flight instructor license renewal ground school; 8hrs/day)
26 January 2011: SSF Safety Seminar (2-3 hrs in the evening)
27-29 January 2011: OSTIV speaker track (as last year, concurrent with one or two SSA speaker tracks all day, each day)
27 January 2011: OSTIV 'nite': reception, dinner and speaker
29 January 2011: SSA Banquet

So, again, we are pleased folks are willing to come to be speakers, or just to attend, this time to PHL, which has non-stop airline service from many major international and national cities. Fares look attractive for that timeline.

OSTIV 'nite':

OSTIV Presents: Reception, Dinner and - *The Development and Flights of the LightHawk*.

Danny Howell will discuss the status and performance of the LightHawk sailplane. He will talk about the difficult design challenges and manufacturing advances required to produce a glider capable of exploiting microlift, a weak atmospheric lift condition mostly unusable for conventional sailplanes. (The category of Microlift Glider was adopted for inclusion in the FAI Gliding Sporting Code in October 2004.)

Immediately following Howell's talk, a panel of Loek Boermans, Dan Armstrong and Mark Maughmer will comment and question the speaker about the achievement of one foot per second sink rate capability. Audience participation will be encouraged, as well. This should be a significant event you won't want to miss.

OSTIV Track speakers:

Armstrong, Dan - (USA) *Low cost soaring*

Boermans, Loek - (The Netherlands) *Design of a sailplane wing airfoil for boundary layer suction*

Cannon, Walt - (USA) *My experience restoring gliders since I was a 15 year old kid to the present*

Carlson, Rich - (USA) *Safety and training*

Fendt, Helmut - (Germany) *Safety pays!*

Kristensen, Michael - (Denmark) *Experiences in DK with project "Fast Track", using simulators and dedicated instructors for each student*

Hald, Helge - (Denmark) *Safety and training*

Hindman, Ward - (USA) *Technical Soaring, the international journal of OSTIV*

Izuno, Kempton - (USA) *A perspective of how I use existing tools to forecast the weather, results and explanation of variations, illustrated with flight analyses and prior forecast maps*

Langelan, Jacob - (USA) *Dynamic soaring*

Maughmer, Mark - (USA) *A technical talk to be announced*

Oldaker, Ian - (Canada) *Improve instruction using basic learning rules*
Ridenour, Ron - (USA) *Safety and training*
Rogers, Walt/Gudgel, Dan - (USA) *Preparations/considerations for meteorological support of the 2012 World Gliding Championships at Uvalde TX*
Strain, Rob - (USA) *SSA/Federal Aviation Administration Memorandum of Understanding to develop a small size, low cost, light weight, battery-operated ADS-B*
Trew, Daniel/Cole, Julia - (USA, Graduate students from Pennsylvania State University) *Detailed Design of the PSU Zephyrus Human Powered Aircraft*

We are awaiting final confirmation from several other speakers.

OSTIV-Track speakers will have 50 minutes each, including time for questions from the audience, to present their subject. Speakers receive complimentary Conference registration.

