

***With so much happening  
in Powered Lift -  
2010 is the Year of V/STOL!***

**Call for Papers  
2010 International  
Powered Lift Conference:  
A New Decade in V/STOL Flight**

**October 5-7, 2010  
Philadelphia, PA**



**With the V-22 Osprey swooping down on the Taliban, the F-35B Lightning II beginning to spread its vertical wings, the X2 demonstrator expected to set speed records, and new powered lift concepts emerging, 2010 promises to be a banner year. October 2010 also marks the 50<sup>th</sup> anniversary of the first tethered flight of the Hawker P.1127 - the forerunner of the Harrier jump jet.**

**The International Powered Lift Conference (IPLC) is the premier event for engineers, technologists and managers to discuss the latest developments in jet, prop and rotor Vertical and/or Short Take-Off and Landing (V/STOL) aircraft research, concepts and programs. It is the only event focused on the technologies, promise and progress of powered lift systems, with applications ranging from advanced rotorcraft to jet-borne vertical flight aircraft to cruise efficient short take-off and landing aircraft.**

**IPLC 2010 will be hosted by AHS International at the Sheraton Society Hill on October 5-7, 2010 in Philadelphia, PA. The conference is cosponsored by the American Institute of Aeronautics and Astronautics (AIAA), SAE Aerospace and the Royal Aeronautical Society (RAeS).**

**IPLC is the international crossroads for advanced vertical flight concepts and technologies - this is the preeminent showcase for powered lift. Come celebrate this event in Philadelphia - explore the birthplace of the nation and glimpse the future of international V/STOL development efforts.**

**[www.vstol.org/iplc](http://www.vstol.org/iplc)**

***See you in Philly!***

# IPLC 2010

will focus on three primary thrusts: advanced rotorcraft, jet-lift and recent progress in the underlying science and technology. The IPLC planning committee is seeking abstracts for the following topics, as well as abstracts on other topics related to the scope of this conference:

- Advanced Rotorcraft Concepts
- Bell Boeing V-22
- BellAgustaWestland BA609 and Other Civil Tiltrotors
- Certification Experiences
- Circulation Control Aerodynamics
- ESTOL Commercial, Dual Use and Military
- ESTOL Technologies
- Flight Testing Experiences, Pilot Reports
- Flow Control
- Future Concepts/Enabling Technologies
- Green Operations
- History & Lessons Learned
- Integrated Flight & Propulsion Control (IFPC)
- Jet-Induced Effects
- JSF Program Overview (emphasis on STOVL)
- JSF Technologies
- Lift-System Technologies
- Micro UAVs
- Military Utility / Basing Flexibility /The Value of Speed
- Modelling & Simulation
- New Army, Navy, NASA, DARPA Initiatives
- PHM/HUMS
- Powered-Lift Testing
- Simultaneous Non-interfering Operations
- Super Heavy Lift Rotorcraft / Joint Heavy Lift
- UAV Programs
- Other

Abstracts should be 300-500 words in length, present facts that are new and significant, and should include results achieved, if applicable. Abstracts must be submitted no later than **March 1, 2010**.



Check out the conference website [www.vstol.org/iplc](http://www.vstol.org/iplc)

for the latest information, or contact **Mike Hirschberg**, IPLC 2010 Program Chair, with any questions: [iplc@vstol.org](mailto:iplc@vstol.org) or 571-218-4417.