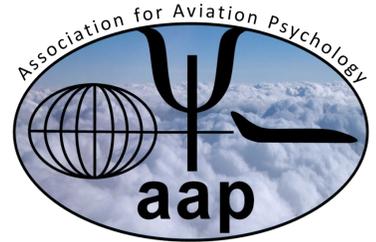


Association for Aviation Psychology

Annual Business Meeting News 2013



PRESSING AGENDA ITEMS

AAP President Vacancy

Nominations for candidates for AAP president are being accepted. Please send any nominations you may have to dennis.beringer@faa.gov prior to the meeting if possible. You may also submit a nomination in person at the meeting. Please be sure to confirm a willingness to stand for office with the nominee before submitting their name.

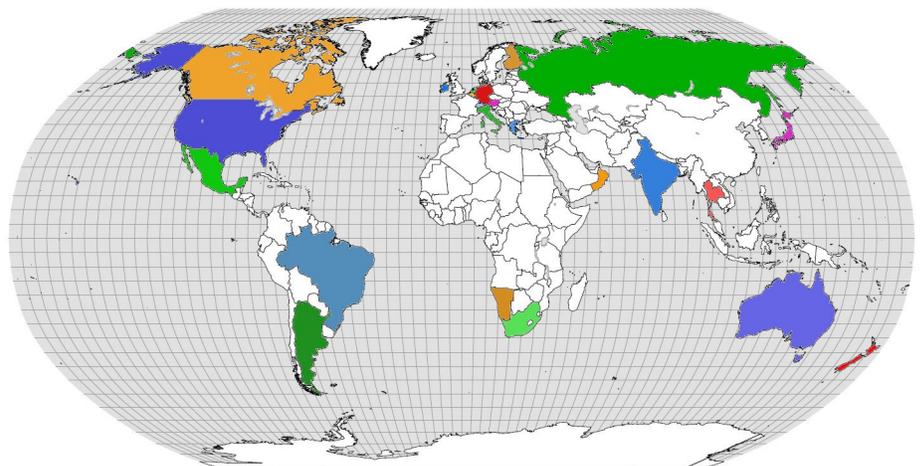
The International Journal of Aviation Psychology

Consideration of official sponsorship of The International Journal of Aviation Psychology. The journal will have a new editor in chief as of the third issue of 2014, and there will be a reorganization of journal operations as a result. IJAP has been a stand-alone journal since its inception, but is the exception rather than the rule. Taylor & Francis has indicated several times their desire to affiliate AAP with the journal. As AAP members know, the association has never been officially linked with the journal, nor has it been officially associated with the International Symposium on Aviation Psychology except as a financial sponsor. Details will be provided at the meeting regarding the likely requirements, benefits, and detriments associated with this proposition, with specific attention to the legal and financial aspects. It would require a rewriting of the association's charter/constitution/operating rules and clarification of the relationship between the association and Taylor & Francis (roles and responsibilities).

MEMBERSHIP

AAP membership as of 8/11/2013 totaled 151. Of those members, 43 (28%) were also members of the Human Factors and Ergonomics Society. The distribution by country was as follows:

Argentina (2)	Japan (3)
Australia (8)	Mexico (2)
Austria (1)	Namibia (1)
Barbados (1)	Netherlands (1)
Belgium (1)	New Zealand (1)
Brazil (3)	Oman (1)
Canada (7)	Russia (1)
Finland (2)	Singapore (1)
Germany (4)	South Africa (3)
Greece (2)	Switzerland (2)
Hong Kong (1)	Thailand (1)
India (1)	U.S.A. (96)
Ireland (1)	
Italy (1)	



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MEMBERSHIP RENEWALS

It is time to renew your membership for the calendar year 2014. Renewals must be completed prior to the end of the calendar year or you will not be on the mailing list for upcoming issue of The International Journal of Aviation Psychology (IJAP).

If you wait until 2014 to renew, you will receive your first issue of IJAP (or as many issues as you missed during the calendar year) when your late renewal is processed. Be aware that processing LATE renewals is time intensive for the ISAP publisher, and your back issued journals may be delayed up to two months. Additionally, delayed membership renewals increases costs for AAP, and may result in a dues increase to cover the additional mailing expenses.



APPROACHING DEADLINES

NASA Postdoctoral Program

The NASA Postdoctoral Program provides talented postdoctoral scientists and engineers with valuable opportunities to engage in ongoing NASA research programs. These one- to three-year Fellowship appointments are competitive and are designed to advance NASA's missions in space science, earth science, aeronautics, space operations, exploration systems, and astrobiology.

For more information: <http://nasa.orau.org/postdoc/index.htm>



Beckman Institute Postdoctoral Fellows Program

The Beckman Institute at the University of Illinois at Urbana-Champaign is now accepting applications for the 2014 Beckman Institute Postdoctoral Fellows Program. Beckman Postdoc Fellows should work in an interdisciplinary area of the Beckman Institute, which includes Human-Computer Intelligent Interaction, Human Perception and Performance, Cognitive Science, and more. Postdoc Fellows are appointed for three years, receive about \$52k/year stipend, and their own \$20K research budget.

For more information: <http://beckman.illinois.edu/research/fellows-and-awards/postdoctoral>

NEWSLETTER CONTRIBUTIONS

We are in need of member contributions and submissions for the Quarterly AAP Newsletter.

- What is happening in the fields of aviation psychology and other related aerospace disciplines?
- What are AAP members doing in their respective fields of education, research, government, and industry?
- What current events have you read or heard about that you want to share with other members?

Your contributions and submissions can be anonymous or credited to you. Just send them along and let us know your preference. Send questions, contributions, or submissions to Linda Tomko at linda.tomko@sjsu.edu

AVIATION NEWS OF THE QUASI-WEIRD

from Dennis Beringer

Will we ever have flying cars?

There has been a fascination with the idea of a vehicle that would double as both a car and an airplane since the late 1940s. None of the many attempts at creating and marketing a flying car has produced something that achieved popularity or was commercially successful. However, there are now four vehicles in various stages of development that might ultimately be technically successful (the financial/marketing side has yet to be determined given the present state of the world economy). The four-wheeled Terrafugia Transition (\$279,000; due out in 2015) has already gone through preliminary flight tests (65 mph on the ground, 105 in the air). The Pal-V One is more like a motorcycle (three wheeler) hung on a gyrocopter (\$285,000; 112 mph in the air), and is expected in 2015. The Sampson Switchblade is also a three-wheeler, but is longer than the Pal-V One and is a winged car with a ducted pusher fan at the rear of the fuselage. No flyable prototype has been built yet, it is expected to be sold as an \$85,000 kit, and you'll need both a motorcycle-operator's license AND a pilot's license. Finally, a vehicle that has been in various stages of development for 20 years, the Moller M400X Skycar has four rotating ducted fans, seats two, and has made tethered flights in 2002 and 2003, but no price or delivery date has been set.

So, the question that is most interesting here is, even if this round actually produces a marketable vehicle, is this really a good idea? There are issues, from several perspectives, that need to be resolved:

When does the vehicle stop being an aircraft and start being a grounded motor vehicle? Aircraft are aircraft whether they are in the air or on the ground. Will this



vehicle be restricted as to where it can land and thus have a natural transition point when it leaves the runway/taxiway? If the vehicle is allowed to land at other locations, does it immediately become a grounded motor vehicle, or only after it is "converted" to such by folding wings/rotor? Given that there are potentially two certifying groups interested in these vehicles, it will be interesting to see how regulations governing car and aircraft sides of the vehicles are brought together and "harmonized" as it were.

Good news: Don't need a hanger at the airport – can park the thing in your garage when you get home.

Bad news: Will probably need to have two kinds of insurance to cover the vehicle.

Snakes on a Plane

Well, it turns out that you don't have to go and see a tongue-in-cheek film to experience reptiles in flight. Turns out that snakes on planes is not all that uncommon. On or about September 22, a Qantas flight that was to depart for Japan was held overnight after an eight-inch Mandarin rat snake, common in Asia, was found near the doorway of the B-747-400. The flight had recently arrived from Singapore and had been sitting on the tarmac for most of the day when the crew boarded and discovered the snake. The little fellow was taken to quarantine with an eye towards determining an origin for the species (which sounds like a Darwin thing, doesn't it?). The 370 passengers got a free night in a hotel and departed a day later, but the snake's fate is as yet unknown. The major complaint heard was that the snake was near the first-class seating area but had only paid for economy...

This, of course, brings to mind the Groucho Marx quip: "One morning I shot an elephant in my pajamas. How he got into my pajamas I'll never know."

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CALENDAR OF CONFERENCES & EVENTS



January 2014

Transportation Research Board 93rd Annual Meeting will be held January 12-16 in Washington, D.C., <http://www.trb.org/AnnualMeeting2014/AnnualMeeting2014.aspx>

March 2014

35th Annual IEEE Aerospace Conference will be held March 1-8 at the Yellowstone Conference Center in Big Sky, MT, <http://www.aeroconf.org/>

17th Annual Applied Ergonomics Conference will be held March 24-27 at the Hilton Orlando in Orlando, FL, <http://www.iienet2.org/Ergo/Conference/Default.aspx>

April 2014

Ergonomics and Human Factors 2014 Conference will be held April 7-10 in Southampton, United Kingdom, <http://www.ehf2014.org.uk/>

SAE 2014 World Congress & Exhibition will be held April 8-10 at the Cobo Center in Detroit, MI, <http://www.sae.org/congress/>

June 2014

35th International Conference on Aeronautical and Astronautical Engineering will be held June 5-6 at Hotel Pennsylvania in New York, NY, <http://www.aiaa.org/aviation2014/>

2014 AIAA Aviation and Aeronautics Forum and Expo will be held June 16-20 at the Hyatt Regency Atlanta in Atlanta, GA, <http://www.aiaa.org/aviation2014/>

July 2014

2014 Royal Aeronautical Society Bi-annual Applied Aerodynamics Research Conference will be held July 22-24 at the University of Bristol in Bristol, England, <http://aerosociety.com/Events/Event-List/1189/Advanced-Aero-Concepts-Design-and-Operations>

September 2014

31st Annual European Association for Aviation Psychology Conference will be held September 22-26 in Malta. More details can be found at: <http://www.eaap.net/events.html>

October 2014

2014 International Annual Meeting of the **Human Factors and Ergonomics Society** will be held October 27-31 at the Hyatt Regency Chicago in Chicago, IL, <https://www.hfes.org/Web/HFESMeetings/meetings.html>

November 2014

2014 Australian Aviation Psychology Association Symposium is tentatively scheduled for November 9-13 in Melbourne, Australia. More details to come at: <http://www.aavpa.org/read/921/2014-aavpa-symposium.html>

SAVE THE DATE

18th International Symposium on Aviation Psychology will be held May 11-15, 2015 at Wright State University in Dayton, OH.

