



Newsletter

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Runway Incursions: Causes and Solutions

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It is well recognized that runway incursions are currently a high-profile safety issue worldwide. Recent safety recommendations from bodies such as the National Transportation Safety Board (NTSB) and the U.S. Commercial Aviation Safety Team (CAST) clearly advocate the need for improved runway safety. This presentation provides an overview of:

- the primary causal factors associated with runway incursions;
- operational and flight crew training solutions that could potentially reduce the risk of a runway incursion; and
- the role of flight deck systems such as the Runway Awareness and Advisory System (RAAS) and airport moving maps.

Particular emphasis is given to the associated human factors considerations.



Dr. Ratan Khatwa is manager of Flight Deck & Flight Safety Human Factors at Honeywell International, located in Redmond, WA. He is currently providing

technical leadership for the development of advanced flight deck systems for air transport, regional, and corporate aircraft.

Dr. Khatwa has held previous positions at Rockwell Collins and the Netherlands National Aerospace Laboratory. He is an elected member of the FSF European Advisory Committee, FSF Human Factors Tool Kit Steering Team, FSF ALAR Task Force, and the SAE G-10 Flight Deck Human Factors Executive Advisory Board. He is also an elected Fellow of the U.K. Royal Aeronautical Society.



Joint AIAA/SFTE Presentation

Date: **Tuesday, June 20, 2006**
Place: Old Spaghetti Factory, Seattle, WA
Time: 6:00 pm Social, no-host bar.
6:30 pm Dinner
7:15 pm Presentation
Dinner Price: **\$15** AIAA & SFTE Members & Guests
\$18 Non-Members

\$5 Students & Educator Associates
Program Only: \$5 (Free for persons 17 and under)
Please RSVP online at www.pnwaiaa.org or e-mail reservations@pnwaiaa.org (including meal choice). You will receive a confirmation e-mail. Please make reservations by Monday, June 19th.
Please note a reservation is a commitment to pay.