

# Runway Incursion Prevention Systems/ Synthetic Vision Systems Demonstration Logistics



Presented by: Lynda Kramer

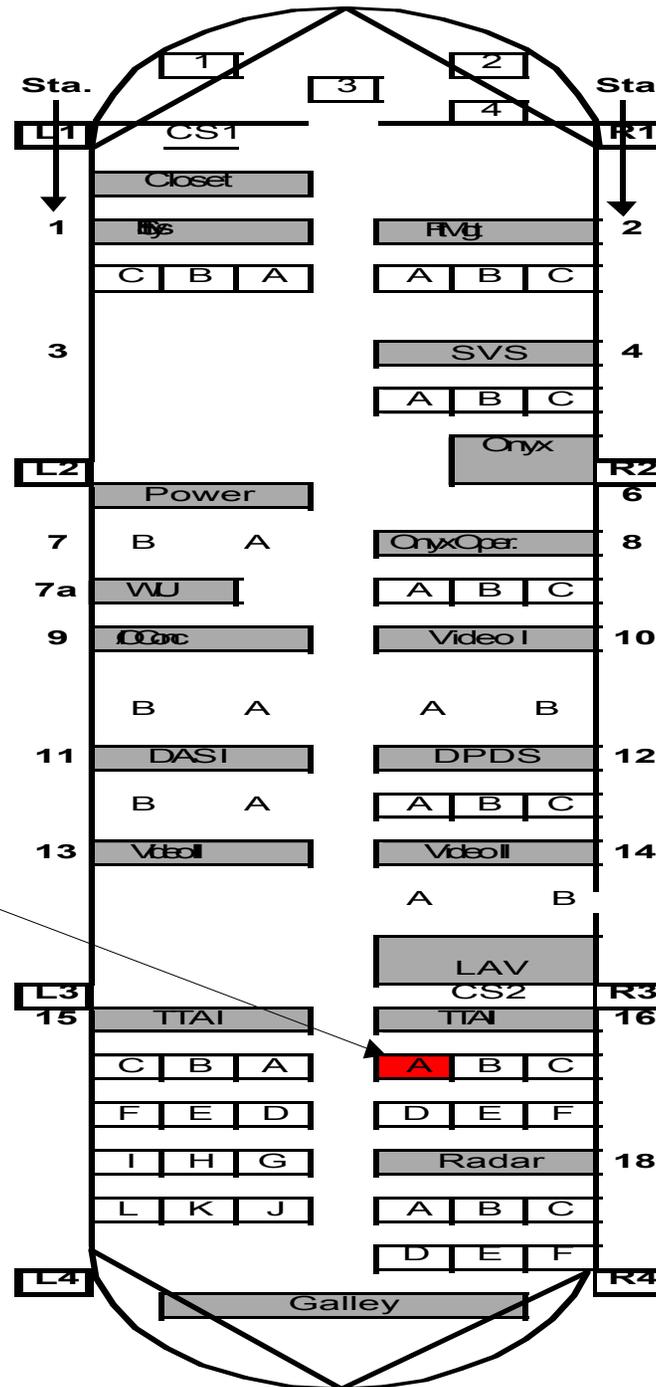
October 24-26, 2000

# Schedule of Events

10:15 p.m. - 10:35 p.m.	Transport Sortie 1 participants to AA Hangar 2 via DFW bus
10:35 p.m. - 10:55 p.m.	Sortie 1 participants don flight suits in trailer adjacent to hangar
10:55 p.m. - 11:20 p.m.	Sortie 1 participants board aircraft and receive ARIES 757 Safety Brief
11:20 p.m. - 12:40 a.m.	Sortie 1 Flight Demonstration
11:20 p.m. - 12:30 a.m.	Sortie 2 participants may observe Sortie 1 at Groundstation Suite 1501
12:30 a.m. - 12:50 a.m.	Transport Sortie 2 participants to AA Hangar 2 via DFW bus
12:40 a.m. - 1:20 a.m.	Sortie 1 participants depart aircraft, return flight suits to trailer adjacent to hangar, and board DFW bus for return to Harvey Hotel
1:00 a.m. - 1:20 a.m.	Sortie 2 participants don flight suits in trailer adjacent to hangar
1:20 a.m. - 1:45 a.m.	Sortie 2 participants board aircraft and receive ARIES 757 Safety Brief
1:45 a.m. - 3:05 a.m.	Sortie 2 Flight Demonstration
1:45 a.m. - 3:05 a.m.	Sortie 1 participants may observe Sortie 2 at Groundstation Suite 1501

## Interpreting your nametag:

If your badge has **16a** written inside the color dot, then your seat location on the plane is indicated by the **red square** in the figure to the right.



# Demonstration Flight Card

- 1) 757 taxis from AA Hangar 2 to active runway. Participants view Rockwell Collins taximap.
- 2) Before taxiing into position for takeoff, participants view RIPS displays (HUD and ND) for first runway incursion scenario in which the 757 pulls onto active runway upon which another aircraft (FAA van) is landing.
- 3) 757 performs a coupled ILS approach with a missed approach at 200 feet. Participants view Rockwell Collins SV display concept.
- 4) 757 performs a runway change task with a missed approach at 200 feet. Participants view NASA SV display concepts (photo-realistic HUD and photo-realistic size X - sizes A & D also shown).
- 5) 757 performs a coupled ILS approach to demonstrate the second runway incursion scenario in which the 757 is landing and another aircraft (FAA van) proceeds across the hold short line crossing the active runway. Participants view the RIPS displays (HUD and ND).
- 6) 757 performs a coupled ILS approach to a full stop landing to demonstrate HSALT scenario of 1/4-g, constant deceleration. Participants view the HSALT displays (HUD and ND).
- 7) 757 taxis from active runway to AA Hangar 2. Participants view RIPS taximap.