

Runway Incursions



NTSB Runway Incursion Forum
September 19-20, 2017

Presented by David McCann



Runway Incursions

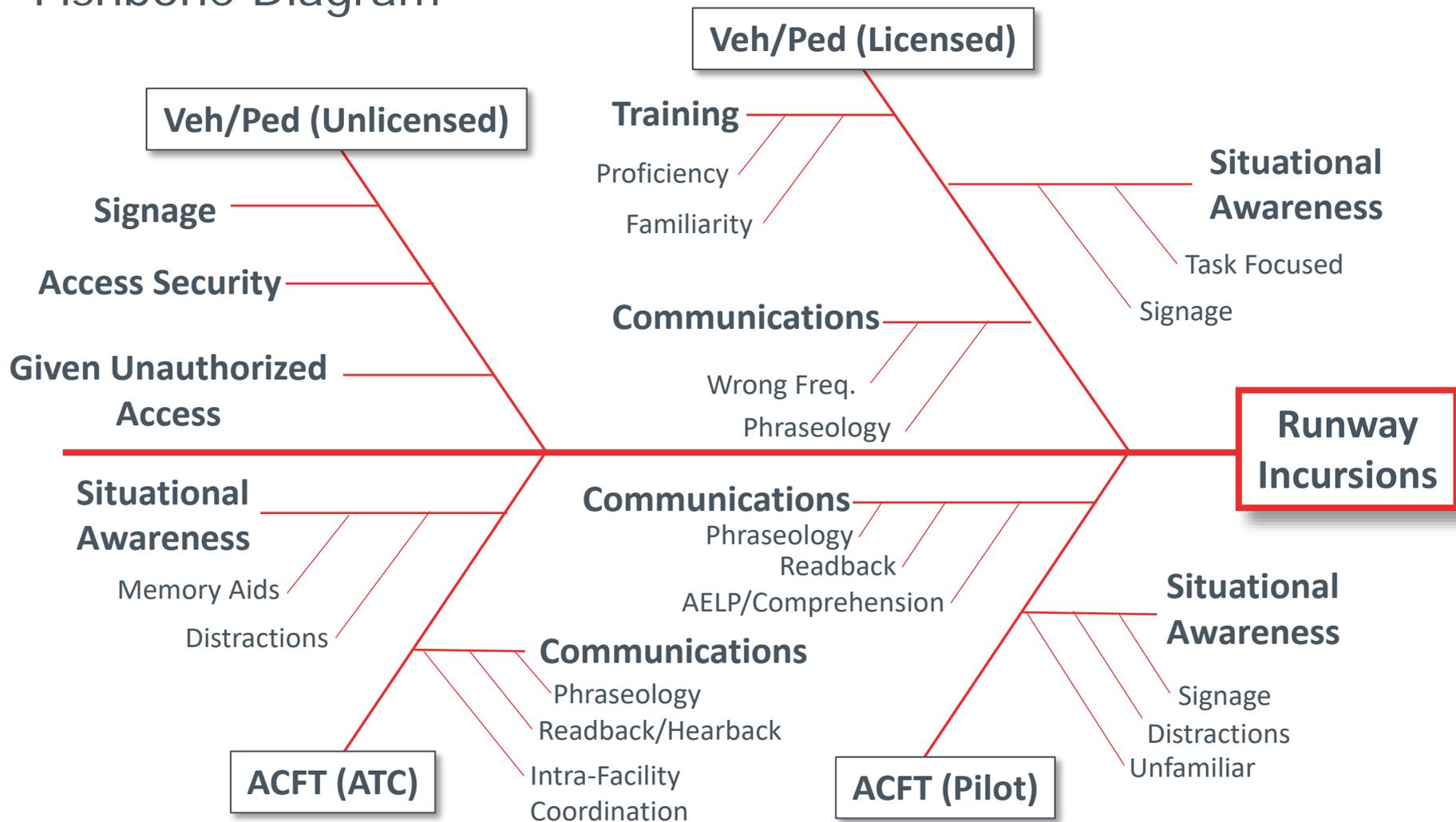
Causal Categories

- **Aircraft**
 - Pilot
 - ATC

- **Vehicle or Pedestrian**
 - Unlicensed/untrained
 - Licensed/trained
 - Driver/Pedestrian
 - ATC

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Fishbone Diagram



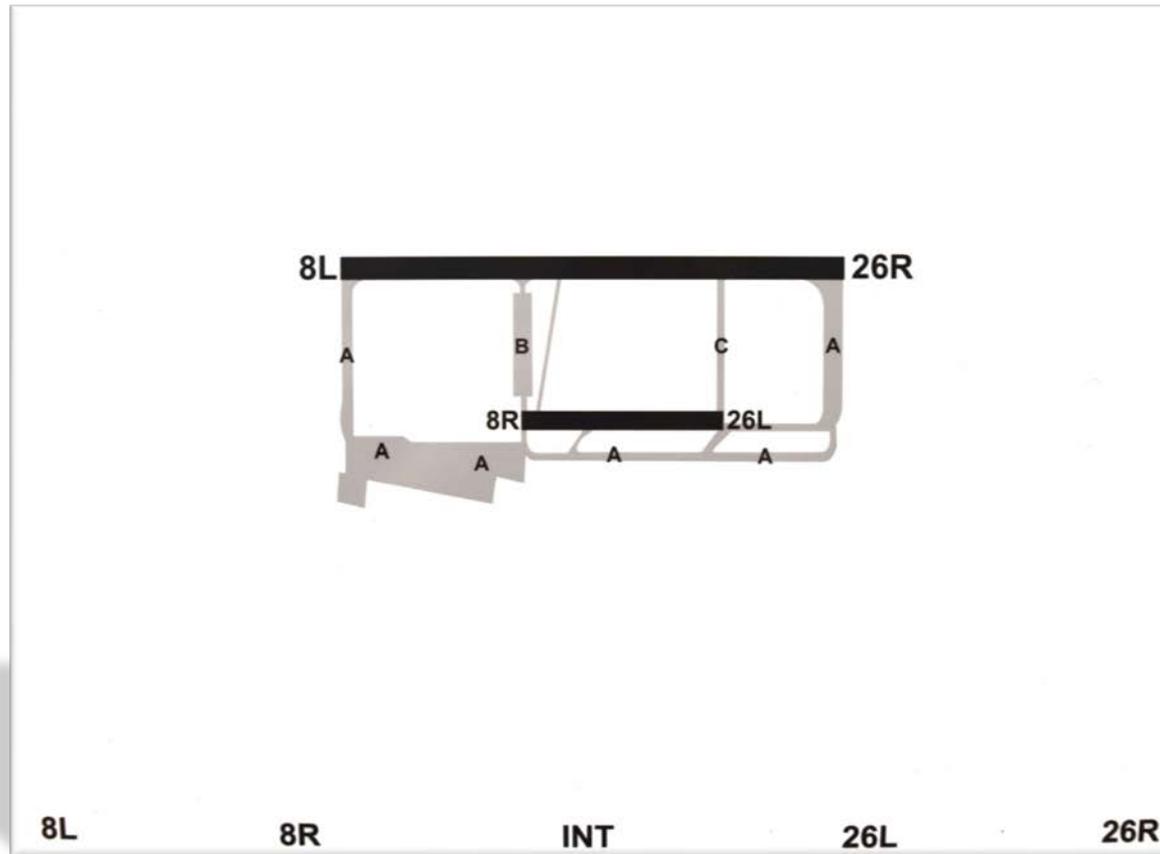
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Tower Traffic Management Board (TMB)

- The TMB is a magnetic dry-erase board with a graphical overlay of the airport and other aids. The TMB is used to assist the Local Controller with tracking aircraft identities, sequencing aircraft, and meeting FAA tower memory aid requirements.
- TMB “chips” are magnetic strips which can be written on with dry-erase markers. They are colored according to their function or purpose and are used to represent aircraft, vehicles, personnel or the status of a movement area.
- Procedures for use are covered in a facility Standard Operating Procedure.

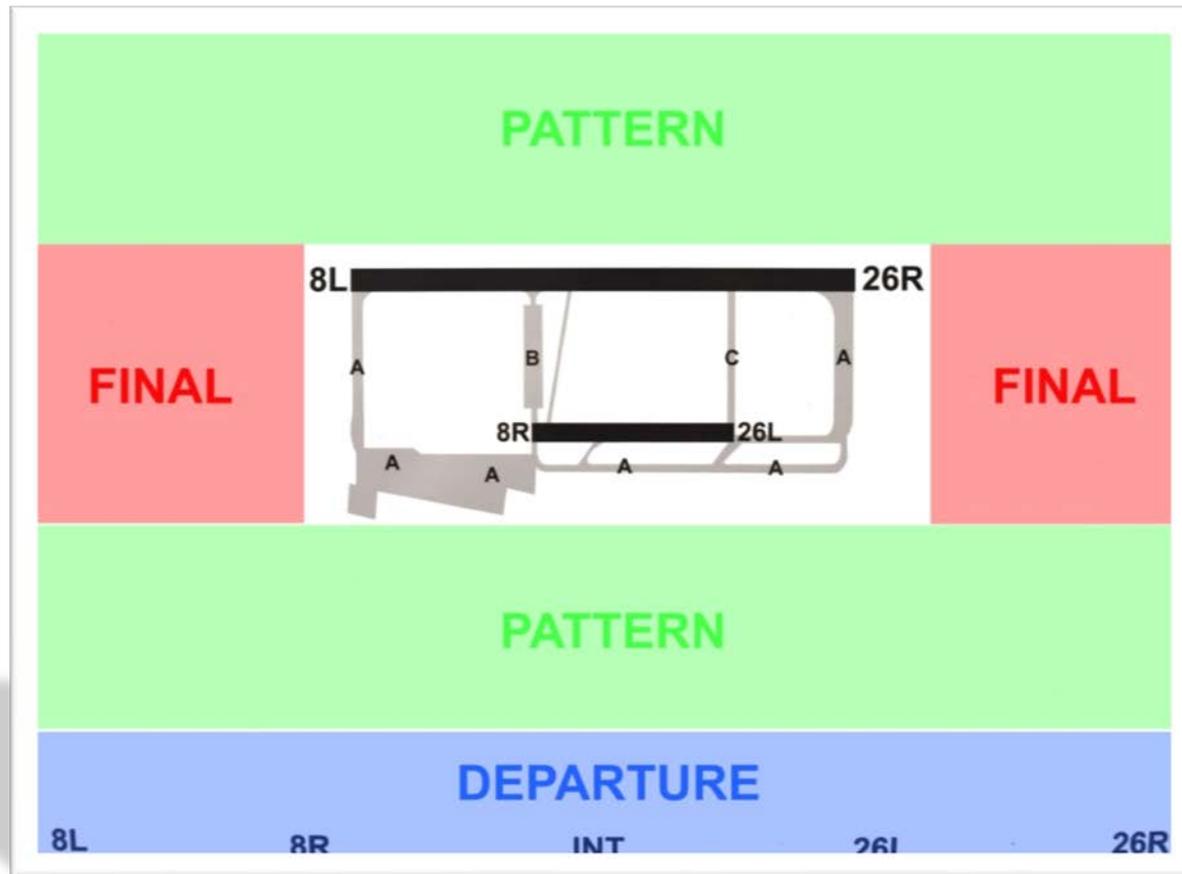
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Tower Traffic Management Board (TMB)



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Tower Traffic Management Board (TMB)

- Situational Awareness for entire cab, not just Local Control position
 - Use of color coded TMB “chips” allows for rapid awareness of runway occupancy by vehicles and pedestrians
 - Everyone is aware when aircraft are cleared to land, takeoff, etc.
 - Unmistakable visual indication of closed movement areas
- Easier to use and less distracting than memory pads

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Pedestrians and Vehicles – Licensed

- Training should always include tower familiarization visits
 - Provides a valuable perspective for pedestrians/drivers which cannot be obtained any other way.
 - Reduces driver/pedestrian barriers to communication with Tower
 - Helps controllers understand the needs of the driver/pedestrian



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