

# Standardization vs. Harmonization

Capt. Paul McCarthy

IFALPA

Representative to ICAO

# Before we Begin

- Runway Safety is really two very different issues
- Excursion
- Incursion
- The only thing in common is the word runway.
- Don't try to harmonize the solutions

# Standardization

- Pilots are by nature creatures of standardization- “plan the flight and fly the plan”
- Standardization is achieved by system design and repetitive training
- Exceptions to standardization can and will induce human error

# Harmonization

- “Adjustment of differences and inconsistencies among different...systems to make them uniform or mutually compatible”
- [Business dictionary.com](http://Businessdictionary.com)
- Problems may well be local but solutions cannot be

# Harmonization

- A unique problem for an aerodrome or ANSP must be dealt with in a manner consistent with the standardized training of the crew
- Local solutions that are not harmonized will compound the difficulty for the crew.

# Solution

- Include active pilots in any local runway safety effort.
- They can help to craft a solution to a local problem that will be harmonized with the SOPs and expectations of transient crews