



COMMERCIAL AVIATION SAFETY TEAM (CAST) SAFETY ENHANCEMENT (SE)

RASG-PA Runway Excursion Prevention Seminar

Lima, Peru

9-10 October 2014

COMMERCIAL AVIATION SAFETY TEAM (CAST)

- The Commercial Aviation Safety Team is a cooperative government-industry initiative founded in 1998 with a goal to reduce the commercial aviation fatality rate in the United States by 80 percent by 2008.
- By 2008 CAST was able to report that by implementing the most promising safety enhancements, the fatality rate of commercial air travel in the United States was reduced by 83 percent.
- <http://www.cast-safety.org/>

SAFETY ENHANCEMENTS (SE)

- SE 215 – Landing Distance Assessment
- SE 198 – Scenario Based Training for Go-Around Maneuvers
- SE 216 – Flight Crew Landing Training
- SE 217 – Takeoff Procedures and Training
- http://www.skybrary.aero/index.php/Portal:CAST_SE_Plan

LANDING DISTANCE ASSESSMENT (SE 215)

Action: Flight crews assess landing performance based on conditions actually existing at the time of arrival.

Statement of Work: To improve flight crew awareness of their landing distance margin and factors / variables that can affect it.

Completion Date: October 2016

LANDING DISTANCE ASSESSMENT (SE 215) - OUTPUTS

- FAA/AFS - guidance for incorporating TALPA/ARC recommendations for landing distance assessment using standardize terms.
- FAA/ARP – define terms and format for reporting runway conditions
- FAA/AIR – guidance for manufacturers provide landing distance data consistent with TALPA/ARC
- FAA/ATO – allow controllers to report timely runway conditions
- Airport operators incorporate new terminology into runway assessment procedures
- Manufacturers provide standardized landing distance data
- Air carriers incorporate guidance and data into SOP and training