

April 28, 2015

Minutes of the Twenty-Seventh Plenary Meeting

SC-213 Enhanced Flight Visions Systems/ Synthetic Vision Systems (EFVS/SVS)

Date: January 27-29, 2015

Place: FAA Long Beach Aircraft Evaluation Group, 3960 Paramount Blvd, Lakewood California, 90712, USA

Host: Mark Humphreys, FAA LGB AEG

Participant list at end of minutes.

I. Welcome and Introduction

Mark Humphreys welcomed participants to southern California. A brief review of the September 2014 meeting minutes was conducted.

II. Document Review

Comments received during the FRAC for the SVGS MASPS were reviewed by the committee. The document was updated to reflect comments as appropriate. All comments were addressed and closed. The plenary reached concurrence on the document. Dave Domino will clean up the edits for final release to RTCA.

III. WG3

Thea Feyereisen, Honeywell, presented information on the new WG3 SVS for Attitude and Energy Awareness. This committee is in response the Commercial Aviation Safety Team (CAST) Airplane State Awareness (ASA) Safety Enhancement (SE) 200 Airplane State Awareness – Virtual Day-VMC Displays request for published minimum system requirements. The terms of reference have been updated to include DO-315C MASP for June 2016. Mike Snow, Boeing, presented high level summary analysis results of the accidents studied by the CAST ASA team.

IV. Minutes

Minutes from September 2014 were approved by the committee.

V. General Discussion

There was a discussion on next steps for WG2. Take-off credit was one area discussed. It was suggested that a workshop might be a way to gather input. There was a WG1 discussion about LVO/SMGS, potential fail-passive 700ftRVR operations with redundant sensors and using EFVS for take-off credit. AFS is getting inquiries about EFVS credit for take-off.

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VI. SC213 Plenary Meeting Operations

In future, US meetings will have internet WebEx access.

VII. Other

The next meeting (twenty-eighth plenary) will be hosted by Alain Boucher, Dassault, scheduled for April 14 – 16, 2015. The twenty-ninth plenary is tentatively scheduled for July 21-23, 2015, hosted by Paul Snow, Boeing.

VIII. Attendees

Bruno Aymeric, Thales	Terry King, FAA
Tony Barber, Bombardier	Lynda Kramer, NASA
Sarah Barber, Rockwell Collins	Patrick Krohn, Universal
Yann Beaufils, Airbus	Jean-Pierre Marre, ATR
Alain Boucher, Dassault	Trent Prange, FAA
Kevin Burnett, SNC	Mitch Serber, Mitre
Dave Domino, Mitre	Tetsu Shimizu, Japan Int'l Tran. Inst.
Dale Dunford, FAA	Transport Insitute
Kyle Ellis, NASA	Mike Snow, Boeing
Tim Etherington, Rockwell Collins	Paul Snow, Boeing
Thea Feyereisen, Honeywell	Frans Van Gorkum, EASA
Bill Geoghagan, NATCA	Sandy Wyatt, Honeywell
Janet Greenwood, FAA	Dror Yahav, Elbit
Kevin Horton, Transport Canada	Brian Watson, FAA
Mark Humphreys, FAA	Emmanuel Belanger
Merlin James, Garmin	Mark Schlegel, Bombardier (phone)
Dick Kerr, Max-Viz	

Prepared by Thea Feyereisen, RTCA SC213 scribe