

June 12, 2015

MINIMUM OPERATIONAL PERFORMANCE STANDARDS FOR
TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEMS EQUIPMENT

Agenda for Working Group Meetings and 81st SC 147 Plenary
(Joint with EUROCAE WG75)

Date:	July 14-16, 2015
Time:	09:00 EST – 17:00 EST
Place:	MIT – McNair Building (#37) MIT Campus – Off Vassar St. Boston, MA 02139

Tuesday, July 14: Joint SWG/TWG Agenda

1. Introduction / Session Goals
2. Schedule Update / Worksheet Progress
3. Action 80-2: Establishing Widespread Operational Inputs to Run 15
4. Operational Suitability Metrics / Acceptability Criteria / Process (30 min / 1045) Londner
5. STM Validation
 - a. Study of STM Performance and Behavior
6. Run 13 performance with UK NATS data)
7. Software Development Plan
8. MOPS Updates
 - a. Integration of ADD material
9. ADS-R Work Plan

Adjourn)

Wednesday, July 15: SWG/TWG Agendas

TWG Agenda

1. ASIM Updates
2. Test Suite Updates
3. Safety Workgroup Update
4. ACAS Xo Requirements
5. ACAS Xo HITL Updates
6. Run 14 Updates and Analysis Results)
7. Simulation Discussions
 - a. Review/Comments to date
 - b. InCAS / Alt. Errors
 - c. Example: APL PRM
8. Stress Testing Summary of Activity
9. Review of TWG Activity List / Schedule
10. Sys. Maximums

Adjourn

SWG Agenda

1. Mode C Discussion
 - Mode C/Correlation Algorithm descriptions
 - Automated Evaluation tool and simulation description
 - Evaluation results for Mode C/Correlation algorithms
2. Report from Unjustified RA Group
3. TOO Analysis/STM Improvements (60 min / 1300) Capuder
4. Run 15 STM Plans / STM Performance Evaluation Plan for subsequent runs
5. STM ADD and Textual MOPS integration
6. Follow up from DO-300A Appendix D Review
7. Review of SWG Activity List / Schedule

Adjourn

Thursday, July 16: SC 147 / WG-75 Joint Plenary Agenda

1. Opening Plenary Session
 - a. Chairmen's Opening Remarks / Introductions
 - b. Approval of Summary from 80th meeting of SC-147
 - c. Approval of Agenda
2. Report from WG 75
3. Loss of Altitude / Transponder
4. "Unjustified RAs" (60 min / 1045) Brandao
 - a. Ad hoc group status brief
 - b. Proposed change document status and review
5. Working Group Reports
 - a. Report from SWG
 - b. Report from TWG
 - i. Safety Sub-group
 - ii. Xo Sub-group
 - c. Report from OWG
 - d. Report from CSG
6. ACAS X RF message typing/identification
7. Review proposed TOR Changes to include ACAS Xu
8. Review of Joint / Plenary Actions / Overflow

Adjourn