

Test Procedure Characterization Table with Notes

Subsection		Type	Notes
2.6	ASSAP Equipment Test Procedures	N/A	
2.6.1	Definition of Standard Conditions of Test	N/A	
2.6.2	Verification of ASSAP Input/Output Requirements (§2.2.2)	TBD - TOM EICH.	
2.6.3	Verification of Surveillance Processing (§2.2.3)	N/A	
2.6.3.1	Verification of Source Level Track Generation (§2.2.3.1)	a. to e. - Dedicated detail scenario; f. - Capacity / boundary scenario.	Add "non-TCAS" test?
2.6.3.1.1	Verification of Track Estimation (§2.2.3.1.1)	Basic generic report generation scenario.	Just exercise the basics
2.6.3.2	Verification of Inter-source Correlation (§2.2.3.2)	N/A	
2.6.3.2.1	Verification of Correlation of ADS-B, ADS-R, and TIS-B Tracks (§2.2.3.2.1)	Correlation scenarios.	
2.6.3.2.2	Verification of Correlation of TIS-B with Ownship (§2.2.3.2.2)	Correlation scenarios.	
2.6.3.2.3	Verification of Correlation of TCAS with ADS-B, ADS-R, and TIS-B Tracks (§2.2.3.2.3)	Correlation scenarios.	
2.6.3.3	Verification of Best Source Selection (§2.2.3.3)	1. - Detailed complicated scenario; 2. - Basic scenario, but with thresholds.	
2.6.3.4	Verification of Track Termination (§2.2.3.4)	Detailed timing scenario.	
2.6.4	Verification of Application Processing (§2.2.4)	N/A	
2.6.4.1	Verification of General Requirements (§2.2.4.1)	Latency scenario.	
2.6.4.2	Verification of Application-Specific Requirements (§2.2.4.2)	N/A	
2.6.4.2.1	Verification of Enhanced Visual Acquisition (EVAcq) (§2.2.4.2.1)	N/A	
2.6.4.2.1.1	Verification of Own Aircraft Requirements for EVAcq (§2.2.4.2.1.1)	Simple test based on Horizontal Position.	
2.6.4.2.1.2	Verification of Target Vehicle Requirements for EVAcq (§2.2.4.2.1.2)	1. to 3. - Simple test based on Horizontal Position & Timing.	
2.6.4.2.2	Verification of Airport Surface Situational Awareness/Final Approach and Runway Occupancy Awareness (ASSA/FAROA) (§2.2.4.2.2)	N/A	
2.6.4.2.2.1	Verification of Own Aircraft Requirements for ASSA/FAROA (§2.2.4.2.2.1)	1. - Simple test based on Horizontal and Vertical Positions. 2. - Simple test based on SIL and accuracy.	
2.6.4.2.2.2	Verification of Target Vehicle Requirements for ASSA/FAROA (§2.2.4.2.2.2)	1. to 7. - Simple threshold tests.	
2.6.4.2.2.3	Verification of Conflict Detection (CD) (§2.2.4.2.2.3)	1. to 4. - Simple logic tests. 5. - Timing scenarios.	
2.6.4.2.2.3.1	Verification of Own Aircraft Requirements for CD (§2.2.4.2.2.3.1)	1. to 5. - Simple threshold tests.	
2.6.4.2.2.3.2	Verification of Target Vehicle Requirements for CD (§2.2.4.2.2.3.2)	1. to 6. - Simple threshold & timing tests.	

Subsection		Type	Notes
2.6.4.2.2.4	Verification of Enhanced Visual Approach (EVApp) (§2.2.4.2.2.4)	N/A	
2.6.4.2.2.4.1	Verification of Own Aircraft Requirements for EVApp (§2.2.4.2.2.4.1)	1. to 6. - Simple threshold & timing tests.	
2.6.4.2.2.4.2	Verification of Target Vehicle Requirements for EVApp (§2.2.4.2.2.4.2)	1. to 6. - Simple threshold & timing tests.	
2.6.4.3	Verification of Monitoring (§2.2.4.3)	N/A	
2.6.4.3.1	Verification of General Requirements (§2.2.4.3.1)	N/A	
2.6.4.3.1.1	Verification of Self Test (§2.2.4.3.1.1)	Detailed complicated scenario.	
2.6.4.3.1.2	Verification of Non Interference (§2.2.4.3.1.2)	???	
2.6.4.3.2	Verification of Monitoring of ASAS Computer Resources (§2.2.4.3.2)	Detailed complicated scenario.	
2.6.4.3.3	Verification of ASAS Input Data Monitoring (§2.2.4.3.3)	N/A	
2.6.4.3.3.1	Verification of ADS-B Receive Subsystem (§2.2.4.3.3.1)	Simple functional interruption test.	
2.6.4.3.3.2	Verification of TCAS (§2.2.4.3.3.2)	Simple functional interruption test.	
2.6.4.3.3.3	Verification of Ownship State Data (§2.2.4.3.3.3)	Simple functional interruption test.	