SATCE WG Document Structure - Proposed Changes

Updated: 05 Sept 2018 JSG

Current Structure - ARINC Spec 439A

SIMULATED AIR TRAFFIC CONTROL ENVIRONMENTS IN FLIGHT SIMULATION TRAINING DEVICES

Executive Summary

2	Document Overview	4	Qualification and Training Approval Considerations	
2.1	Introduction	4.1	Introduction Table 2	
2.2	Scope	4.2	Qualification vs. Training Approval EFunctions &	
2.3	Intended Audience		Subjective Tests	
2.4	Benefits of Simulated ATC Environment			
2.5	Evolution of ARINC 439	5		
2.6	International Standards and Requirements	5	Implementing SATCE for MPL and AB Initio Pilot Training	
2.7	Reference Documents	5.1		
2.8	Document Conventions	5.2	MPL Phase 1 (Core Flying Skills)	
		5.3	MPL Phase 2 (Basic)	
		5.4	MPL Phase 3 (Intermediate)	
		5.5	MPL Phase 4 (Advanced)	
_		5.6	Advanced Application of SATCE	
3	Feature Set and Fidelity Levels			
3.1	Introduction			
3.2	System Design Goals	6	Guidance on Technology	
3.3	Fidelity Level Requirements Table 1	6.1		
3.4	Automated Weather Reporting Summary Matrix:	6.2	Technologies	
3.5	Other Traffic and Fidelity Level	6.3	Export Control Considerations	
3.6	Radio Traffic Requirements			
3.7	Language and Phraseology	7	SATCE Data Installation Maintonance and Undates	
3.8	ATC Voice Characteristics	7.1	SATCE Data, Installation, Maintenance, and Updates Introduction	
3.9	Airport and Airspace Modeling	7.1	Installation Considerations	
3.10	Weather	7.2	Maintenance Considerations	
3.11	Communications between ATC and Ownship	7.3		
3.12	Data Link Communications	7.4	Update Considerations Upgrade Considerations	
3.13	System Correlation	7.5	Data Considerations	
3.14	Instructor Interfaces	7.0		
3.15	Other Training Considerations			
3.15	.1 Ownship Priority			
3.15	.2 Debriefing Tools			
3.15	.3 Lesson Plans			
3.15.4 Other Training Tools				
3.15.5 Rotary Wing		Appe	endices	
3.15.6 Military Applications			APPENDIX A - Acronyms	
3.15	.7 Interoperability			
		APPE	NDIX B - Glossary	

APPENDIX C - R/T Examples for MPL Training Tasks

APPENDIX D - Data Link -



PROPOSED

