**Traffic and Weather Surveillance Subcommittee**

# March 17-20, 2020

# Virtual Meeting

# Agenda – draft

1. Welcome and Introductions
2. Administrative Announcements
3. Review of the Agenda
4. Review of APIMs and Overall Schedule
	* APIM 19-007 – Second Generation Integrated Surveillance System (2G ISS)
	* APIM 19-008A – New Airborne Weather Radar with Remote RF
	* APIM 19-009A – Update of Existing TCAS, XPDR, and ISS Standards
5. ARINC Project Paper 768A: Second Generation Integrated Surveillance System
	* Strawman review
	* Industry Editor report, impacted sections and action items
	* Garmin interested in discussing which version to use for DME, (ARINC 709 or other). Also, antenna connectors, I/O and power supply characteristics should be defined to have clear expectation going forward.
6. Supplement 5 to ARINC Specification 718A: Mark 4 ATC Transponder to define ATC Transponder and ADS-B Out functions based on the latest RTCA Standards:
	* Industry Editor report, impacted sections and action items
	* Action item - look at the airframes and number of ARINC 718A installations supported by each supplier. ACSS and Collins have responded, but need to hear from Honeywell and if applicable, Garmin.
7. ARINC Project Paper 735C: Traffic Computer with ACAS-X and ADS-B Functionality
	* Industry Editor report, impacted sections and action items
8. Supplement 3 to ARINC Specification 768: Integrated Surveillance System (ISS) to define ATC Transponder, ADS-B functions, and TCAS/ACAS-X functions based on RTCA Standards
	* RTCA DO-181F – ATCRBS/Mode S MOPS
	* RTCA DO-260C – 1090 MHz ADS-B Out MOPS
	* RTCA DO-361A – Advanced Flight deck based Interval Management (FIM)
	* RTCA DO-385 – Airborne Collision Avoidance System – X (ACAS-X) MOPS
	* Industry Editor report, impacted sections and action items
9. ARINC Project Paper 7xx: Airborne Weather Radar with Advanced Antenna Technology
	* Equipment Architecture
	* Intended Functions
	* Environmental Requirements under Radome - Boeing
	* Strawman review
	* Industry Editor report, impacted sections and action items
10. Any other Business
11. Next meeting plan
	* Next In-Person Meeting - July 14-17, 2020 - Seattle, Washington - Boeing (tentative)
	* Future Web Conferences
12. Adjourn