

PASS Article 13 / SME Program Report

Date of Update: April 2, 2017

Program Name: Data Communications_ERAM_03_02_17

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Current Program Status: Data Communications/ERAM just completed Segment 1 Phase 1. Tower CPDLC upgrade to TDLS. The program is now entering into Segment 1 Phase 2. The first step in Segment 1 Phase 2 will be delivery of ERAM EAD600 which will change the CPDLS logon for the aircraft to KUSA for all aircraft in the USA NAS. This is an intermediary build working toward full Enroute Data Comm services which will be supplied during ERAM build EAE100. EAD6002V Keysite activities at ZLC have successfully completed with no critical issues identified. ZLC has declared continuous OPS on EAD600. AJM-25 has released SSM-ERAM-238 ERAM EAD600 System Release nationally on 3/20/17.

Issues Affecting PASS: Certification. Data Communications Segment 1 Phase 2 will introduce a new Certification for CPDLC Service on EAD600. This is a new service and certification that there currently is no OJT or Certification exam. The training for EAD600 is in place but the OJT and Cert exam packages have not been developed yet. The activation for the NSDA/EAD600 key site is scheduled for June 20 at ZKC and ZID. The OJT and Cert need to be in place prior to June 20. Last week while testing the new OLC Scenarios, it was discovered that a new feature in EAD600 which allows the pilot to declare a Mayday, causes the track to declare an emergency which requires operator intervention from the NOM/NAS running the scenario. If the NOM misses the intervention the track goes into coast and cannot be removed/dropped from the system. This is an extremely undesirable condition and will need to be corrected. ERAM is still researching the problem.

Program Issues: ERAM. Data Comm is completely reliant on ERAM software. Running concurrently with the Data Comm program is a tech refresh of ERAM D Side processors. This upgrade will create an environment where there will be some active processors running legacy AIX and new processors running Red Hat Linux. The Tech Refresh is planned for ERAM Build EAD700. There is not a finalized release date for all of these ERAM builds and there is some projected date slippage. Currently EAD700 is projected to slip by more than 10 weeks.

Identify Support Needs: SME's. There are currently no SME's assigned to the program at ZKC or ZID which are key sites. I think it would help with both support and buy in to get ZKC and

ZID involved. The Data Comm program is in support of this. What do we need to do to make this happen?

Other: Last Week the Data Comm program supported a trip and meeting in Melbourne Florida for the new TDLS and Data Comm Article 13 Reps. The trip included meetings with Harris and a tour of the Data Comm Operations and Control Center. The meeting was both beneficial and informative.

Documentation Attached: N/A