

PASS Testing and Evaluation Report

Date of Update: February 5, 2016

Identify Item/s Evaluated: TAMR Phase 3, Segment 1, Build 6R3C Drop 3, Run for Record

Program Lead Contact/s: Lisa Cotterell, TAMR P3S1 OT Test Director

Outcome of the Evaluation:

The following PTRs items were evaluated by TechOps and passed:

- 11777 Numerous 0760002e and 0760004f SW Errors
- 12238 Both RDPs Go Offline with a Major Software Error 0x1790007

The following PTRs items were evaluated by TechOps and failed:

- 12163 Minor Software Errors During TAMR Confidence & Stability Test

The Following Tech Ops test procedures were performed:

- TO-1: Documentation Inventory,
- TO-4: Software and Adaptation Start-up,
- TO-5: System Certification,
- TO-6: System Administration,
- TO-7: System Security Administration,
- TO-8: Maintenance and Control Functionality,
- TO-9: Surveillance Processing,
- TO-10: Continuous Data Recording,
- TO-11: Local Tower Functionality,
- TO-12: Remote Tower Functionality,
- TO-13: Error Alternate Path and Degraded Operations,
- TO-15: Data Capture After Software Failure (Save Crash),
- TO-16: Performance,
- TO-18: Removal and Replacement (R&R); Removal and Replacement IETM procedures were tested on the following: CGW-2f, CDR1f, RTCW1f, TCW9e, SSS, LTDW1f, RTDW4e, and LAN A RTDW FS Router. No problems were encountered performing the R&R procedures.
- TO-19: Trouble Shooting,
- TO-21: System Partitioning,
- TO-22: En-route Interface,
- TO-23: Terminal Interface,
- TO-24: ADS-B Regression.

Tech Ops Generated the Following DRs:

- No DRs were generated by TO during this activity.

As of February 5, Tech Ops agreed that the build was suitable for deployment. Air Traffic had not yet made a suitability call.

Issues Affecting PASS: None

Follow Up Activities Scheduled: None

Documentation Attached: None