

## 14C.24RRR En Route Automation Modernization (ERAM)

### Description

Achieve En Route Automation Modernization (ERAM) Initial Operating Capability (IOC): The ERAM program has four segments: Enhanced Backup Surveillance (EBUS), En Route Information Display System (ERIDS), ERAM Release 1 and ERAM Releases 2 and 3. The first segment, EBUS was completed during FY 2006. The second, ERIDS, was completed in FY 2008. ERAM Release 1 replaces the current Host Computer System with a new automation system that expands the Host's capability so the new system can handle additional airspace capacity, and improve efficiency and safety. From a functionality standpoint, Release 1 contains the capabilities and performance required to achieve acceptable operational suitability and effectiveness. ERAM Release 2 was a planned maintenance software release containing backlog problem trouble report (PR) fixes. Release 3 was planned to incorporate NextGen transformational program infrastructure into ERAM including interfaces with Automatic Dependent Surveillance - Broadcast (ADS-B) and Segment 1 of the System Wide Information Management (SWIM).

Special Designations: OSI, Agency Priority Goals, DOT Goals

### Commentary (September 2014)

September 2014 - Complete. Key STI Metric: Achieve En Route Automation Modernization (ERAM) IOC: Complete Initial Operating Capability (IOC) on En Route Automation Modernization (ERAM) at the 3 remaining sites: (Jacksonville, Miami, and Atlanta). 20 of 20 ERAM sites have achieved Initial Operational Capability (IOC) including Atlanta (ZTL) on July 12, 2014, and Miami (ZMA) on January 22, 2014, and Jacksonville (ZJX) on September 10, 2014.

Of those 20, 16 have reached Continuous Operations including Miami (ZMA) on June 27, 2014, Cleveland (ZOB) on January 27, 2014, Memphis (ZME) on December 18, 2013, Fort Worth (ZFW) on December 20, 2013, and Boston (ZBW) on December 30, 2013. The remaining 4 sites, Atlanta (ZTL), New York (ZNY), Washington (ZDC) and Jacksonville (ZJX) are conducting operational runs. Of those 16 sites, 16 have declared Operational Readiness Date (ORD)

ERAM Operational Readiness Date (ORD): Achieve Operational Readiness Date (ORD) on En Route Automation Modernization (ERAM) at Air Route Traffic Control Centers (ARTCCs). 5 of 4 scheduled ORDs have been achieved in FY14. ORD was achieved at Boston (ZBW) on August 13, 2014, at Miami (ZMA) on July 30, 2014, at Cleveland (ZOB) on March 4, 2014, at Ft. Worth (ZFW) on March 7, 2014, and at Memphis (ZME) on March 14, 2014.

### Commentary (August 2014)

August 2014 - On Track. Key STI Metric: Achieve En Route Automation Modernization (ERAM) IOC: Complete Initial Operating Capability (IOC) on En Route Automation Modernization (ERAM) at the 3 remaining sites: (Jacksonville, Miami, and Atlanta).

19 of 20 ERAM sites have achieved Initial Operational Capability (IOC) including Atlanta (ZTL)

on July 12, 2014, and Miami (ZMA) on January 22, 2014. The remaining planned IOC is at Jacksonville (ZJX) in Q4, FY14.

Of those 19, 16 have reached Continuous Operations including Miami (ZMA) on June 27, 2014, Cleveland (ZOB) on January 27, 2014, Memphis (ZME) on December 18, 2013, Fort Worth (ZFW) on December 20, 2013, and Boston (ZBW) on December 30, 2013. The remaining 3 sites, Atlanta (ZTL), New York (ZNY) and Washington (ZDC) are conducting operational runs.

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**Status Table (Calculated Rollup Metric)**

Period	Target	Actual	Status
12/2013	1	1	Green
01/2014	1	1	Green
02/2014	1	1	Green
03/2014	1	1	Green
04/2014	1	1	Green
05/2014	1	1	[Green]
06/2014	1	1	Green
07/2014	1	1	[Green]
08/2014	1	1	Green
09/2014	1	1	[Green]

✓ Indicates that the item is complete.