

Increase Arrivals/Departures at High Density Airports

FY 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025

Delegated Responsibility for Horizontal Separation 102118

Improved Operations to Closely Spaced Parallel Runways 102141

ATC-Separation Assurance / Separation Management

Initial Surface Traffic Management 104209

Wake Vortex Incorporated into Flow 102142

Time Based Metering Using RNAV and RNP Route Assignments 104123

Optimize Runway Assignments 104117

Use Data Messaging To Provide Flow and Taxi Assignments 104208

Full Surface Traffic Management with Conformance Monitoring 104206

Use Aircraft-Provided Intent Data to Improve Flow and Conflict Resolution 102139

TM-Synchronization / Trajectory Management

TM Strategic Flow / Flow Contingency Management (Strategic Flow)

Integrated Arrival/Departure Airspace Management 104122

Airspace Management / Capacity Management (Airspace)

ATC-Advisory & Flight Planning, Emergency and Alerting, Infrastructure-Information Management / Flight and State Data Management

Service Road Map Legend

FY 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025

ATC-Separation Assurance / Separation Management
TM-Synchronization / Trajectory Management
TM-Strategic Flow / Flow Contingency Management (Strategic Flow)
Airspace Management / Capacity Management (Airspace)
ATC-Advisory & Flight Planning, Emergency and Alerting, Infrastructure-Information Management / Flight and State Data Management

Key

- NAS EA Service / NIP Function
 •Near-Term Commitment
 •2008-2012
- MidTerm Capability
 •2012 -2018
- Far Term Capability
- In the FAA EA; Not in the NAS EA
 •(Initial Operating Capability targeted within the box)