



RTCA, Inc.
 1150 18th Street, NW, Suite 910
 Washington, DC 20036
 Phone: (202) 833-9339
 Fax: (202) 833-9434
 www.rtca.org

NextGen Advisory Committee Taskings¹

Date of FAA Tasking	Category of Tasking	Description	Date of NAC Approval	Associated NAC Recommendation	Work Complete?
October 22, 2010	NextGen Metroplex	Prioritizing and selecting Metroplex sites for implementing NextGen capabilities and identifying the steps needed to apply the criteria for improving aviation operations by defining <i>what</i> integrated capabilities should be deployed, <i>where</i> and <i>when</i> .	Preliminary recommendations addressed at several meetings, the final May 2012	Metroplex Prioritization Criteria (May 2011) Integrated Capabilities Scoping & Requirements (May 2011) Findings and Recommendations: Metroplex Prioritization and Integrated Capabilities Scoping & Requirements (September 2011) Applying the Metroplex Prioritization Criteria & Mapping the Integrated Capabilities to Identified Metroplexes (February 2012) Refinement of Integrated Capabilities Definitions and Completion of Mapping Exercises (May 2012)	Yes, May 2012
October 22, 2010	NextGen Metroplex	NextGen future operations – Trajectory Operations (Tops) mid-term (2011-2018) operational concepts and scenarios (follow-on work from the previous Air Traffic Management Advisory Committee).	September 2011	Recommendations for Implementing Trajectory Operations in the Mid-Term (2011-2018) (September 2011)	Yes, September 2011
October 22, 2010	NextGen Metroplex	Expanding the use of Special Activity Airspace – Making available real-time information on the status of Special Activity Airspace to maximize the use of this airspace and improve the efficiency of aircraft operations.	May 2011	Special Activity Airspace Concept of Operations – A Recommendation for Improving the Information Available for Special Activity Airspace (May 2011)	Yes, May 2011
October 22, 2010	NextGen Metroplex	Leveraging work between aircraft operators, air traffic controllers and the FAA in specific regions in the country to improve operations.	September 2011	Recommendations for Enhancing Operations in Specific Regional Airspace (September 2011)	Yes, September 2011 with on-going requirements
October 22, 2010	NextGen Metroplex	Near-term priorities for regional airspace analysis (OAPM1) – Support for the FAA-industry-controller collaborative initiative to optimize airspace and procedures in Metroplex areas. At the request of the FAA and in transition from the Air Traffic Management Advisory Committee, these were delivered at the September 2010 NAC meeting in advance of the broader Taskings.	September 2010	Metroplex Airspace and Procedures Optimization Study Teams Recommendations for the NextGen Advisory Committee (NAC) from the NextGen Implementation Work Group (NGIWG), Requirements & Planning Work Group (R&P WG) and Airspace Work Group (AWG) of the Air Traffic Management Advisory Committee (September 2010)	Yes, September 2010, OAPM1 process underway
October 22, 2010	NextGen National Airspace System performance metrics	Commonly understood set of metrics for measuring both the implementation status of NextGen programs and the operational and financial impacts of NextGen capabilities as they are implemented.	Preliminary reports delivered September 2011, February and May 2012, final October 2012	Key NextGen Performance Indicators and NextGen Measurement Methodology (May 2011) Measuring NextGen Performance: Recommendations for Operational Metrics and Next Steps (September 2011) Measuring NextGen Performance (May 2012)	Yes, October 2012

¹ Many of the Taskings have multiple components that required the development of unique specific recommendations.

October 22, 2010	NextGen National Airspace System performance metrics	An initial recommendation of 24 key city pairs (Metroplex Pairs) between which the FAA can begin to measure the impact of NextGen on NAS performance. (Final included additional transcontinental city pair and evaluation of regional city pairs.)	Preliminary report delivered October 2012, final February 2013	Key City Pairs for Measuring NextGen Performance (October 2012) Revised Key City Pairs for Measuring NextGen Performance (February 2013)	Yes, February 2013
June 4, 2012	Fuel Burn Data Sources	Identifying data sources for fuel burn that could support the FAA's efforts to assess the impacts of NextGen on fuel usage.	Preliminary report delivered October 2012, Interim June 2013	Preliminary Report: Data Sources for Measuring NextGen Fuel Impact (October 2012) Interim Report: Fuel Data Sharing for Measuring NextGen Performance—BRIEFING (June 2013) Fuel Data Sharing for Measuring NextGen Performance (Sept. 2013)	Yes, September 2013
January 28, 2011	NextGen operational and economic equipage incentives	User groups and capabilities as well as the equipage incentives needed to close the business case for NextGen capabilities.	May 2011 and September 2011	Phase One of the Equipage Incentives Tasking – Who (Which User Groups) Should be Incentivized to Equip for NextGen? (May 2011) Phase One of the FAA Equipage Incentives Tasking – What Capabilities? (May 2011) What Types of Incentives Should Be Used to Equip for NextGen? (September 2011) NextGen Equipage: User Business Case Gaps (September 2011)	Yes, September 2011
September 29, 2011	DataComm Roadmap	Recommendations for Tower and domestic En Route DataComm services and associated technologies.	February 2012, potential future Tasking after DCIS award	DataComm Roadmap (February 2012)	Yes, February 2012
September 21, 2012	Performance Based Navigation Procedures (PBN)	Recommendations for obstacles to PBN utilization, technical, non-technical and mitigations (Task element 1), criteria for prioritizing PBN procedures and criteria for selection (Task element 2) & prioritization of Optimization of Airspace & Procedures in Metroplexes (OAPM) sites (Task element 3).	Interim February 2013, Task element 1, June 2013 Finals February 2014	Preliminary Report—BRIEFING (February 2013) Recommendations for Increased Utilization of Performance Based Navigation (PBN) in the National Airspace System (NAS) (June 2013) Future Use of Optimization of Airspace and Procedures in the Metroplex OAPM Criteria (September 2013) Prioritization of PBN Procedures (September 2013) Addendum to Recommendations for Increased Utilization of Performance Based Navigation (PBN) in the National Airspace System (NAS) - Industry Barriers (February 2014)	Yes, February 2014
September 21, 2012	Categorical Exclusions under the National Environmental Policy Act requirements (CatEx2)	Explore how to implement Congressional authority for CatEx2 by reviewing the FAA's internal analysis, developing recommendations for measuring impacts on a per flight basis and determining whether additional recommendations for streamlining environmental reviews are needed.	Interim February 2013 Final June 2013	Preliminary Report—BRIEFING (February 2013) CatEx 2: Recommendation for Implementing the Categorical Exclusion in Section 213(c)(2) of the FAA Modernization and Reform Act of 2012 (June 2013)	Yes, June 2013
July 12, 2013	Prioritization for Implementation of NextGen programs	Recommendations for NextGen Activity Prioritization and Revised Prioritized List of NextGen Integrated Capabilities and Locations.	September 2013	NextGen Prioritization (September 2013)	Yes, September 2013
December 20, 2013	Blue Print for Success to Implementing PBN	Analyze lessons learned from prior PBN implementations and develop a blueprint or checklist for future success in PBN implementations.	Interim June 2014 Final October 2014	Interim Report—BRIEFING (June 2014) Blueprint for Success to Implementing Performance Based Navigation (October 2014)	Yes, October 2014

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October 8, 2015	PBN Blueprint Community Engagement Task Group	Recommendations addressing community outreach in the implementation of PBN	Interim February 2016	Interim Report – BRIEFING (February 2016) PBN Blueprint Community Outreach Task Group (June 2016)	Yes, June 2016
September 19, 2014	NextGen Priorities - NextGen Integration Working Group	Plans for the implementation of the four top priority capabilities and identifying what it takes to deploy them at specific sites.	Interim July 2014, Final October 2014	Interim Report—BRIEFING (June 2014) NextGen Integration Working Group Final Report (October 2014) Final report - NextGen Priorities: 2017 Joint Implementation Plan (October 2017)	Yes, October 2014 2016 NAC Meetings monitoring and oversight reporting
October 8, 2016	NextGen Priorities Rolling Plan	Developing Joint implementation plan to deliver capabilities through 2019	FAA Incorporated Plans Due Oct 2016 and update report 2017	Interim Report – BRIEFING (February 2016) NextGen Integration Working Group Rolling Plan (June 2016)	Ongoing – Final Due in Oct 2016
February 26, 2015	ADS-B AdHoc and on-going follow up	Identify necessary implementation commitments in order to meet the 2020 ADS-B implementation mandate Follow-on: Report on ADS-B equipage status for air carrier and general aviation at future NAC meetings	June 2015	NAC ADS-B Ad Hoc Group (June 2015)	Yes, June 2015 Reporting and updates: 2016 NAC Meetings February/June/October
February 26, 2015	Metrics for NextGen Priorities	Develop a high-level suite of performance metrics that most effectively assess the change to NAS performance of the four key capabilities outlined in the “NextGen Priorities Joint Implementation Plan”.	June 2015	NACSC Ad Hoc Group: Performance Metrics for Four Priority Areas (June 2015)	Yes, June 2015
August 27, 2015	Joint Analysis Team	FAA and aviation industry collaboratively analyze and report performance, focusing on measuring the effectiveness of implemented NextGen Priorities commitments.	On-going Northeast Corridor implementation assessment	Joint Analysis Team: Performance Assessment of Wake ReCat (June 2016) Joint Analysis Team: Performance Based Navigation Procedures: North Texas Metroplex, Denver Established on RNP (EoR) (October 2016) Further LAX ReCat Analysis postponed until after airport construction work is complete. Final Report -BOS OPD Joint Analysis Team: Performance Assessment of Boston/Gary Optimal Profile Descents and DataComm (October 2017)	Ongoing – Currently analyzing Northeast Corridor implementations
December 2, 2015	PBN Time, Speed and Spacing	Provides recommendations to the FAA on flow management that align with 15-year PBN NAS NAV Strategy that addresses automation tools necessary to optimize PBN	Due Oct 2016	Initial Report – BRIEFING (February 2016) Update Report – BRIEFING (June 2016) Final Report – PBN Time, Speed, Spacing Task Group (October 2016)	Yes, Oct 2016
July 15, 2016	Enhanced Surveillance Task Group	Provide recommendations to the FAA related to questions about oceanic surveillance- Space Based ADS-B based on evaluating the need and benefit of enhanced surveillance capabilities and the business case for US – controlled oceanic airspace.	Due June 2017	Initial Report – BRIEFING (October 2016) Interim Report (February 2017) Final Recommendation (June 2017)	Yes, June 2017

June 17, 2016	Value of NextGen Capabilities AdHoc	Develop high-level messaging that conveys the value of NextGen capabilities being deployed.	TBD – As necessary	Interim Report – (October 2016)	Ongoing
April 13, 2017	Focus on implementing NextGen in the Northeast Corridor	Develop recommendations for the collective set of FAA, airport, operator and community initiatives can improve the NE Corridor.	Phase 1 due June 2017 Phase 2 due June 2018	Final Report - Goals and Priorities for Improving Operations in the Northeast Corridor - Phase One (June 2017) Interim Report - Joint Implementation Commitments for Improving Operations in the Northeast Corridor (October 2017) Priorities for Improving Operational Performance in the Northeast Corridor through CY2021 (March 2018) <i>Outline ten industry priorities designed for implementation in 2019-2021</i>	Yes, Phase One Complete June 2017; Phase Two June 2018