

New York Area Delay Reduction Plan 8/26/22					
Project ID	Activity Name	IMS Description	IMS Status	Start	Finish
Kennedy Airport					
13R/13L FiberOptic Telecomm System (FOTS) JFK Phase 3					
1504503	Installation/Checkout Runway 13 Left	Installation of fiber optic duct bank and fiber cable for 13L GS and 31R LOC facilities back to ATCT.	Ductbank & Fiber installed. Termination of fiber pending	10/04/21 A	12/31/21 A
1504503	Installation/Checkout Runway 13 Right	Installation of fiber cable for 31L LOC and 31L GS back to ATCT.	FOTS installation on RWY 31L complete	04/18/22 A	06/28/22 A
1504503	Work Complete	Completion of 13R/13L Fiber Optics cable	Project tied to JFK RTR; DC Bus Install for Reimbursable slipped to early October and work was realigned for both projects. Work is still ongoing but can only start to cutover facilities once that work is complete		11/18/22
Amend SKORR departure					
21006036	Part 150 JFK Noise abatement measure #1	The intention of the "Tighten SKORR" departure procedure concept is to reduce aircraft noise over Howard Bch, Old Howard Bch, & Hamilton Bch (in Queens) by moving the SKORR waypoint from its current loc to Jamaica Bay. Also route over Riis Parks parking lot	Proposed design in Part 150 does not meet FAA criteria. Alternate design entered 5/14/2020. Entry will be reviewed by PBN co-leads and VORMON CWG following the .41 process.	05/14/20 A	TBD
Amend to add note to SKORR Departure					
22002398	Add Note to existing SKORR departure	An interim measure for relief to Howard Bch, Old Howard Bch & Hamilton Bch by adding a note advising aircraft to turn ASAP. Departures climb on heading 314, turn left as soon as practical to intercept course 238.	In September, 2021 OSG began an abbreviated amendment to add a note to procedure. Collaborative Workgroup meeting held 4/28/2022.	08/16/21 A	12/29/22
Develop GLS Rwy 4R/4L, 22R/22L, 13L 31R/31L, (GBAS), JFK					
PROCGLSJFK	Develop GLS Overlays	PANYNJ's Ground-Based Augmentation System (GBAS) provides navigation and precision approach services with extremely high accuracy, availability, and integrity. FAA will develop overlays of ILS procedures for 4R/L, 22L, 13L, 31R/L and RNAV (GPS) 22R	PANYNJ indicated they plan to complete installation by end of 2024. Publication of IFPs scheduled for 26 Dec 2024 to align with equipment and procedure flight inspection in September 2024.	09/12/15 A	12/26/24
Install GBAS JFK					
18068272	Construction - GBAS	PANYNJ will install Non-Fed GBAS at JFK	Design will begin end of 2022. Project has restarted and will go out for bid next spring. Construction to start mid 2023. A Reimbursable Agreement will need to be developed for Resident Engineer support for Cab Installation.	06/15/23*	09/15/24
18068272	Equipment Flight Inspection	GBAS equipment is ready for flight inspection for certification. FAA is trying to align equipment and procedure flight inspections to provide GBAS service as soon as possible	As of 2/1/2022, Honeywell equipment Installation is expected by September 2024 for flight inspection	09/16/24	10/15/24
Relocate RTR, JFK					
1398579	Plant Construction-Phase 1, Shelter, Tower & Ducts	Construction of Shelter, Tower & Ducts	Shelter construction and power complete.	03/18/19 A	03/02/20 A
1398579	Plant Construction-Phase 2, Equipment Infrastructure	Construction of Equipment Infrastructure	ES completed fiber spur run from ALSF to the new RTR. Radio installation complete. Termination & Integration of FOTS scheduled for September. Contractor received PR for DC BUS - installation to restart in October	09/28/20 A	09/30/22
1398579	Work Complete	The 2015 Delta Terminal expansion impacted the area occupied by the Remote Transmitter Receiver (RTR) B site. Removal of the old RTR site was required and a new permanent RTR site needs to be established	PRG updating schedule dates - project scheduled to be complete by end of 2022.		10/25/22
Terminal Flight Data Manager, JFK					
20013864	Hardware Installation	Hardware installation to implement departure queue management tool at JFK. It will assist in reducing gridlock occurrences by identifying departure constraints sooner, also reduce taxi out times and reduce fuel burn.	TFDM Site Survey was done 11/5/19. TFDM implementation schedule has been significantly impacted by COVID-19. The TFDM Program Office is working on a restart plan. Anticipate projects restarting 2025 or later. Will follow up in Q4 FY'23 for update.	11/05/19 A	TBD
20013864	Implementation	Implement of departure queue management tool at JFK.	Completion date at this time is TBD.		TBD
LaGuardia Airport					
Amend LGA 13 River Visual					
22002401	Amend Existing LGA R13 River Visual Procedure	The proposed project would add the Verrazano Bridge visual waypoint (VEZEE) to procedure as an easier means of identifying the entry to the approach. This amendment will improve safety & visibility to the River Visual R13 approach	On schedule for september publication.	10/21/21 A	09/08/22
Develop GLS Rwy 04/22 & 13, LGA					
19000309	Develop GLS Rwy 04/22 & 13/31 Overlay of ILS, LGA	PANYNJ Initiative for Precision vertical guidance procedure using Ground-Based Augmentation System & Global Navigation Satellite System. Alternative to RNAV. FAA will develop overlays of ILS procedures for 4/22 & 13, and LGA 31 RNAV (GPS) Z	PANYNJ indicated they plan to complete installation by end of 2024. Publication of IFPs scheduled for 26 Dec 2024 to align with equipment and procedure flight inspection in September 2024.	07/18/18 A	12/26/24
DEVELOP RNAV (GPS) Y RWY 13, LGA					
22005921	DEVELOP RNAV (GPS) Y RWY 13, LGA	Develop procedure most aircraft can fly to replace ILS 22 Circle to RWY 13. Aircraft on existing base to final turn are inconsistent resulting in increased AT workload to maintain separation & forcing reduction in arrival & departure rates.	N90 & LGA approved revised design 7/18/2022.	08/01/21 A	01/25/24

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Install GBAS, LGA					
19003576	Construction - GBAS	PANYNJ will install Non-Fed GBAS at LGA	Construction start date to be determined. A Reimbursable Agreement will need to be developed for Resident Engineer support for Cab Installation.	09/16/24*	09/16/24
19003576	Equipment Flight Inspection	GBAS equipment is ready for flight inspection for certification. FAA is trying to align equipment and procedure flight inspections to provide GBAS service as soon as possible	As of 2/1/2022, Honeywell equipment Installation is expected by September 2024 for flight inspection	9/17/2024	10/15/24
Jet Fuel Transmission System, LGA					
20013747	Construction - Jet Fuel Transmission System	PANYNJ will install a Hydrant Fueling Line. Majority of system is underground, above ground items in fuel farm will be below existing structures.	Segments of TWY B and TWY A will require reductions to ADG III or smaller. CSPP determination letters issued on September 17, 2021. As of August 2022: PANYNJ continuing to meet with Consortium. Work planned to begin by end of CY22	12/01/22*	09/30/23
Redevelop Terminals C & D, LGA, NY					
18068182	Construction - Terminal C & D	Delta is redeveloping Terminals C & D parallel with the CTB construction. The head house will be relocated closer to Grand Central Parkway and construction 4 piers extending from both Terminals. There will be dual taxi lanes between each pier.	New Terminal C Headhouse and new Concourse E opened on June 4, 2022. New Concourse F partial opening scheduled for Fall 2022.	08/01/17 A	04/18/25
18068182	Delta Air Lines Proposal	Delta has proposed to retain and rehabilitate the existing Delta Terminal C-West Concourse in lieu of replacement with an entirely new Concourse D.	Existing AT emergency tower will be refurbished, and staircase relocated outside.	08/01/17 A	04/18/25
Relocate the RTR at LaGuardia Airport, Flushing, NY					
20980238	Plant Construction	Construction of new RTR building and Antenna Towers at Echo site.	The topological survey completed on 1/29/22. PANYNJ is requesting a TAA for the soil boring. Engineering Services has started the TAA process.	08/08/24	03/17/25
20980238	Perform Commissioning	Commissioning	Design scheduled to be complete Aug 2023. Telco/ACL Installation and Contract Procurement are both 6.5 month durations with Procurement ending in June 2024 and Construction starting in Aug 2024. PRG coordinating an updated IMS schedule for Sept 2022.		04/29/25
Replace MALSR (GDI) RWY 13, LGA					
1508002	Plants Construction - Parent	Construction of Rwy 13 MALSR. NAV, UIS and PSG projects have been integrated and will be performed under this parent project.	MALSR out of service July to Nov to complete steady burn stations. Additional 30 day outage needed in early 2023 to complete flasher replacements. GFM on site, work ongoing, contractor limited in work area due to gas leak under Riker Island Bridge.	07/18/22 A	10/28/22
1508002	Perform Commissioning (See Step Tab)	GDI MALSR is located over salt water on a pier. It is in very poor condition. Access and maintenance are difficult.	MALSR will be returned to service by Thanksgiving Moratorium but will have to be taken out of service for approx 30 days to complete flashers, tentatively scheduled in February 2023. PRG will add new project to IMS for 2023 work.		11/18/22*
Replace MALSR RWY 04 (LGA)					
19004356	Plants Construction -Parent	Construction of MALSR Rwy 4. NAV, UIS and PSG projects are being integrated to perform the work under this parent project.	December 2021 this project shifted to FY23. PRG confirmed with ES that there are no known issues with permitting as of May, 2022.	04/17/23*	08/07/23
19004356	Work Complete - Parent	F&E provides equipment. Reference JCN 1101576			08/25/23
Terminal Flight Data Manager, LGA					
20013865	Hardware Installation	Hardware installation to implement departure queue management tool at LGA. It will assist in reducing gridlock occurrences by identifying departure constraints sooner, also reduce taxi out times and reduce fuel burn	TFDM Site Survey done on 12/11/19. TFDM implementation schedule has been significantly impacted by COVID-19. The TFDM Program Office is working on a restart plan. As of August 2022 projects won't restart until 2025 or later. Will follow up in Q4 FY '23.	12/11/19 A	TBD
20013865	Implementation	Implement of departure queue management tool at LGA	Completion date at this time is TBD.		TBD
Newark Liberty Airport					
Amend Procedure - EWR ILS, RNAV RWY 22 L/R					
22001064	EWR ILS, RNAV (GPS) and GLS RWY 22 L/R	Safety mitigation. Revisions to 6 EWR procedures will deconflict with TEB RUUDY SID and reduce TCAS/RA events by moving the FAF closer in & raising the fix alt by 500ft. This will allow TEB departures to climb and avoid the EWR final.	Gateway request made 06/24/21 & give safety priority. Charting date slip to 12/29/2022 to make design corrections and due to issues with GLS coder app (now corrected)	06/24/21 A	12/29/22
Amend Move ELVAE Fix, EWR					
22005926	Move ELVAE Fix (ATO OSG)	Moving the ELVAE fix to address airspace boundary issues. ELVAE appears on 6 departure procedures: EWR: LIBERTY FIVE/NEWARK FOUR. TEB: TETERBORO THREE. MMU: MORRISTOWN SEVEN.	N90 submitted gateway request Sept, 2021. Procedure designs are being coordinated.	09/23/21 A	2/23/2023
Develop EWR RNAV (GPS) RWY 29					
22006398	Develop EWR RNAV(GPS) W RWY29	Develop RNAV(GPS) overlay of EWR 29 Stadium Visual prior to RWY 4L-22R rehab, currently scheduled in 2025. Airlines would prefer RNAV to existing circling approach to RWY29.	This estimated schedule was developed to deliver the procedure prior to 2025 construction season. Procedure request was entered in gateway on 6/21/22.	01/20/22 A	02/20/25
Terminal A Redevelopment, EWR					
18068014	Construct	Reconfigure Terminal A airside including aircraft parking and taxi lanes to improve movement. Reconfigure stormwater collection system with capability of isolating deicing fluids for collection and disposal	PANYNJ announced 12-gate Terminal One expansion (located to the north), has been added to the scope of the current Terminal One Redevelopment Program. Terminal One is in its final stages of development and expected to open later in 2022.	04/01/18 A	10/31/22

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Terminal Flight Data Manager, EWR					
20013866	Hardware Installation	Hardware installation to Implement departure queue management tool at EWR. It will assist in reducing gridlock occurrences by identifying departure constraints sooner, also reduce taxi out times and reduce fuel burn	TFDM Site Survey was done on 10/17/19. TFDM implementation schedule has been significantly impacted by COVID-19. The TFDM Program Office is working on a restart plan. Projects won't restart until 2025 or later. Will follow up in Q4 FY '23.	10/17/19 A	TBD
20013866	Implementation	Implement of departure queue management tool at EWR	Completion date at this time is TBD.		TBD
EWR Replace the ATCT York Chillers (Includes JCN 1507825 EWR Replace Johnson Control Buildin Terminal Flight Data Manager, EWR					
1305075	Plant Construction	Chillers for the EWR tower were replaced with a temp system while a permanent system is designed	Added roof replacement to scope. Contract award in Aug 22. Construction scheduled to start Nov 22. Project delay due to lead time on large equipment.	11/01/22*	10/06/23
1305075	Work Complete				11/15/23
REPLACE EWR FOTS system					
19006337	Installation/Checkout- Pull Strings	Manufacturer doesn't support Premnet 5000 multiplexer and units reaching/reached end of life cycle. Tech Ops ID'd this as a top priority. Phase 2 of 5 (5 JCN's) with project completion 2026. This phase is for installation of fiber cables on RWY 11-29	Started Summer 2022. Work requiring runway closures will be completed at night.	07/25/22 A	09/14/22
19006337	Installation/Checkout-Fiber	Manufacturer doesn't support Premnet 5000 multiplexer and units reaching/reached end of life cycle. Tech Ops ID'd this as a top priority. Phase 2 of 5 (5 JCN's) with project completion 2026. This phase is for installation of fiber cables on RWY 11-29		09/15/22	11/15/22
19006337	Work Complete	Installation of Fiber Cables			11/15/22
Teterboro Airport					
ESTABLISH DME RWY 06, TEB					
21002065	Plant Construction Tiger Team RWY 6	Installation of a low power DME in the RWY06 LOC shelter. Project was created to support a revised requirement from the flight procedure office after decommissioning memo.	Provisions were made in the RWY 6 LOC shelter to support the DME rack & antenna mounting. Installation/checkout moved to 2023 due to NCP requirement for the procurement of DME equipment.	07/31/23*	08/11/23
21002065	Perform Commissioning		Project completion moved to 2023 due to NCP requirement. Procedure amendments scheduled for November 2023.		10/05/23
Replace DME RWY 19 (TJL) collocated w/LOC, TEB					
1800949	Plant Construction - DME	Replace current TJL DME with THALES 415 DME	Installation/checkout began in July 2022.	07/11/22 A	09/16/22
1800949	Declare Service Available/Commissioning	Declare Service Available/ Commission			11/07/22
Replace GS RWY 19, TEB					
1507571	Plant Construction - GS	Replace MK 1F GS with latest deployed Glide Slope (GS) equipment.	Full ILS outage began 07/11/22 - 11/1/22. PAPI/ RVR sensor to return to service by end of August after partial JAI to return power to ILS shelter.	07/11/22 A	08/26/22
1507571	Declare Service Available/Commissioning	Declare Service Available/ Commission	Due to 18 months of FTI backlogged for new installations, system will have no monitoring capabilities. A NOTAM will be issued that there is no LOC monitoring until FTI line is installed.		11/07/22
Replace LOC RWY 19, TEB					
1507572	Plant Construction - LOC	Replace MK 1F LOC with latest deployed Localizer (LOC) equipment.	Full ILS outage began 07/11/22 - 11/1/22.	07/11/22 A	09/16/22
1507572	Declare Service Available/Commissioning	Declare Service Available/ Commission	Due to 18 months of FTI backlogged for new installations, system will have no monitoring capabilities. A NOTAM will be issued that there is no LOC monitoring until the FTI line is installed.		11/07/22
Replace TEB ATCT and Base Bldg, TEB, NJ					
1304353	Wetlands Mitigation	To mitigate impacts due to construction, the FAA is developing 8 acres of wetlands in Little Ferry.	Plantings completed 11/10/21. Short Term Monitoring begins for duration of 5 years.	08/20/20 A	11/10/21 A
1304353	Design-Build Contract Period of Performance	Existing 1974 Air Traffic Control Tower (ATCT) doesn't meet current standards. 171' AGL ATCT is the shortest possible height to meet criteria & will enhance safety & efficiency by improving depth perception, line of sight, and visibility of movement area	Work hrs M-F 7AM-3:30PM pending work & weather. Steel is up for cab framing. Cab Glass will be installed in August.	11/18/19 A	07/23/23
1304353	Beneficial Occupancy Date (BOD)	ATCT Construction complete. FAA takes ownership and begins electronics equipment installation.			07/24/23*
1304353	Service Available - ATCT-TRACON	Teterboro Airport Traffic Control Tower (ATCT) is certified for Air Traffic Operations. All equipment has been certified operational by Technical Operations and Air Traffic Control representatives.	Commissioning date is tentative.		10/13/24*
Terminal Flight Data Manager, TEB					
20013880	Hardware Installation	Hardware installation to Implement departure queue management tool at TEB. It will assist in reducing gridlock occurrences by identifying departure constraints sooner, also reduce taxi out times and reduce fuel burn	TFDM implementation schedule has been significantly impacted by COVID-19. The TFDM Program Office is working on a restart plan. As of August 2022 do not anticipate project restarting until 2026. Follow up in Q4 FY '23	TBD	TBD
20013880	Implementation	Implement of departure queue management tool at TEB	Completion date at this time is TBD.		TBD

Project ID	Activity Name	IMS Description	IMS Status	Start	Finish
MODERNIZE ARPT TEB - Rehabilitate Runway 6/24					
18068270	Rehabilitate Runway 6/24, TEB, NJ	Mill and overlay of runway 6/24	Full rehabilitation of 6/24 started 4/1/22, and will last a year. Work involves nights and weekend runway closures. Reimbursable Agreement was signed 07/12/22.	04/01/22 A	04/01/23
New York ARTCC					
Digital Non-Voice Communications (DataComm), ZNY					
INI61ZNY	Digital Non-Voice Communications	This NextGen initiative will allow use of digital data communications to reduce routine voice transmissions, hear-back and read-back errors, as well as reduce frequency congestion.	Due to impacts from COVID-19 restrictions the en route data comm waterfall will be replanned. New completion date TBD pending coordination with other programs and approval in HQ	03/19/10 A	TBD
Replace Corroded Condenser Water Valves, ZNY					
19006859	Plant Construction	A condenser water system failure could result in a full chiller plant shutdown causing ATC limited event. This project will Replace all the valves on the condenser water system with new industrial valves that will resist corrosion	Contractor started 10/25/21. Construction is wrapping up with site cleanup underway to prepare for project closeout.	10/25/21 A	07/01/22 A
19006859	Work Complete				09/23/22
Long Island MacArthur Airport					
Replace RVR (Teledyne) with PC-Based RVR, ISP					
1601606	Plant Construction - Tiger Team FY24	Replace RVR (Teledyne) with PC-Based RVR at PC-Based RVR at Islip	Design complete; the RVR waterfall has been rebalanced to accommodate resources, equipment and training and this project has been moved to complete in FY '24.	02/05/24*	03/18/24
Replace VASI with PAPI, Rwy 33L, ISP, NY					
706860	Plant Construction	Perform Site Survey, Project Scope Agreement, Engineering and Construction.	Power Services is funding the ELD component and NY Engineering Services Tiger Team is accomplishing PAPI work. Planned completion is December 2022	09/06/22*	10/11/22
706860	Perform Commissioning	Replace existing RWY 33L VASI with PAPI.			12/29/22*
Terminal Flight Data Manager, ISP					
20013867	Hardware Installation	Hardware installation to Implement departure queue management tool at ISP. It will assist in reducing gridlock occurrences by identifying departure constraints sooner, also reduce taxi out times and reduce fuel burn	TFDM implementation schedule has been significantly impacted by COVID-19. The TFDM Program Office is working on a restart plan. As of August 2022 do not anticipate projects restarting until 2024 or later. Will follow up in Q4 FY '23.	TBD	TBD
20013867	Implementation	Implement of departure queue management tool at ISP	Completion date at this time is TBD.		TBD
Westchester County Airport					
Terminal Flight Data Manager, HPN					
20013882	Implementation	Implement of departure queue management tool at HPN	Completion date at this time is TBD.		10/31/22*
20013882	Hardware Installation	Hardware installation to Implement departure queue management tool at HPN. It will assist in reducing gridlock occurrences by identifying departure constraints sooner, also reduce taxi out times and reduce fuel burn	TFDM implementation schedule has been significantly impacted by COVID-19. The TFDM PO is working on a restart plan. As of August 2022 do not anticipate projects restarting until 2026 or later. Will follow up in Q4 FY'23.	03/29/35*	TBD
Morristown Airport					
Replace MALSR RWY 23, MMU					
602752	Work Complete	The MMU MALSR is difficult to maintain and no longer supported. Replace the MALSR.	Target of Opportunity MALSR replacement during runway rehab shutdown. Planned MALSR install during Phase C of construction in 2022		11/07/22
MMU Airport Sponsor Project For 2022					
21003770	Construction	Construct MALSR access road; install JCP&L power line, MALSR/Glide Slope shelter, and MALSR; improve RW 5 departure ERSA. MALSR & GS construction estimated 120 days. Contract awarded	MALSR/GS OTS during this time.1000' RWY 23 threshold displacement for 45-60 days which will impact procedures to RWY 5/23. GS/MALSR will be out of service starting 07/08/22- 09/26/22	07/08/22 A	09/26/22