

John F. Kennedy International Airport (JFK)

MAJOR CONSTRUCTION PROJECTS SINCE 1993

Terminal One: New passenger terminal built by a consortium of four international airlines: Air France, Japan Airlines, Korean Air, and Lufthansa.

Terminal Four (JFKIAT): New passenger terminal built by JFK International Air Terminal LLC (JFKIAT), a private non-airline consortium.

United Airlines Cargo Building

Korean Airlines Cargo Building

Airis Cargo Facility: New multi-tenant cargo facility.

Terminal 7 Expansion (British Airways)

Orange Parking Structure: New 2-level parking facility attached to Terminal 7 and AirTrain station.

JetBlue Hangar

Terminal 8 (American Airlines): New state-of-the art terminal covering 1.5 million square feet.

Red Parking Structure: New multi-level parking structure adjacent to terminal 8 and attached to AirTrain station.

Terminal 5 (JetBlue): New Terminal building of approximately 650,000 square feet on two main levels connected to the historic landmark Saarinen Building through the original Flight Wing Tubes.

Yellow Parking Structure: New multi-level parking structure adjacent to AirTrain station 5/6 and a skyway connector to Terminal 5.

De-icing Facility: State-of-the art aircraft infra-red de-icing facility.

Terminal One: Food Court Infill Project

Terminal 8 (American Airlines): Admirals Club Expansion

Building 261 (KLM Cargo) Fire Alarm System Upgrade

Terminal 4 - Concourse B Extension for Delta Airlines

Terminal 8(American Airlines) - FIS baggage Re-Check Renovation

Terminal 5 (JetBlue): Expansion for International Flights

POST CONSTRUCTION ASSESSMENTS

LEGEND:	
Code	Code Required Assessments
Non-Code	PA Assessments that are not required by code
NYC Only	Façade Assessments required by code in NYC only
NJ Only	Assessments required by code in New Jersey only

VERTICAL TRANSPORTATION, BOILER & REFRIGERATION INVENTORY

Elevators		Escalators		Moving Walks		Boilers		Refrigeration Systems	
PA	Tenant	PA	Tenant	PA	Tenant	PA	Tenant	PA	Tenant
82	185	36	98	16	32	50	65		

FACILITY CONDITION SURVEY PROGRAM INVENTORY

BUILDINGS	BRIDGES				TUNNELS		PIERS & WHARVES	SIGN & LIGHT STRUCTURES	LIGHT/CATENARY POLES
	VEHICULAR	PEDESTRIAN	LIGHT RAIL SYSTEM	RAIL	VEHICULAR	RAIL			
146 Total	3.0 mi. (519,000 s.f.)	15	9.5 mi. (12.7 mi. track)			0.4 mi. track		1,182	2,100
Façade									
19									
STRUCTURAL ITEMS OTHER THAN FAÇADE									
159									

FAÇADE ASSESSMENT SCHEDULE

BUILDING NAME	HEIGHT (Ft.)	LAST FAÇADE ASSESSMENT	NEXT FAÇADE ASSESSMENT
Terminal 4	94	2012	2017
Terminal 8	89	2009	2014
Hangar 10	108.4	2011	2016
Hangar 19	84	2011	2016
Cogen Plant (Stacks)	> 72	2010	2015
Yellow Parking Garage	>72	2012	2016
Red Parking Garage	103'	2012	2016

Blue Parking Garage	102	2009	2014
Ramada Inn (Bldg 144)	73	2009	2014
JAL (Bldg 151)	77	2009	2014
Control Tower (Bldg 156)	321.5	2009	2014
Airtrain Station Terminal 1	80	2009	2014
Airtrain Station Terminal 2 & 3	80	2009	2014
Airtrain Station Terminal 5 & 6	83	2009	2014
Airtrain Station Terminal 7	78	2009	2014
Airtrain Station Terminal 8	77	2009	2014
Airtrain Station C (Federal Circle)	79	2009	2014
Airtrain Station (at Jamaica Station)	74'-10"	2009	2014
Airtrain Station Office Tower	100'+	2013	2018

MANDATED INSPECTIONS			
FACILITY	DESCRIPTION	ACTION TAKEN	YEAR COMPLETED
JFK	Bridge R3 terminal 2 loose concrete	Removed loose concrete	2000
JFK	Bridge J-2 impact damage to stringer	Replaced stringer	2001
JFK	Taxiway bridge J-12 Impact Damage	Repaired stringer flange	2003
JFK	Bridge J-7 impact damage to stringer	No action required	2003
JFK	Impact damage to pedestrian bridge J15	Repaired bridge	2004
JFK	Bridge R8; sheared bearing guide plate	Repaired sheared bearing guide plate	2004
JFK	J7: falling fascia stones	Removed stones	2007
JFK	Bridge J8: Impact damage to stringers & diaphragm	Replaced damaged bolts at diaphragm connection; repaired cracked weld exterior stringer;	2007
JFK	Bridge J2 loose concrete at pier stem	Loose concrete was removed.	2006
JFK	Terminal 1 Bridge R4 - loose concrete	Loose concrete was removed.	2009
JFK	Bridges J9 & J12 - loose concrete	Loose concrete was removed.	2009
JFK	Bridges at Terminal 1,3 and 6 - loose metal panels	loose metal panels were removed	2010
JFK	Bridge J14-deteriorated soffit panels	loose soffit panels were removed	2010
JFK	Building 156 - loose soffit panels	loose soffit panels were removed	2010
JFK	Bridge R1- Deteriorated concrete at the underside of deck	Loose concrete was removed.	2010
JFK	BLDG 303 - Canopy soffit panels are partially detached.	Remove or repair the partially detached panels	2011
JFK	BLDG 308 - roof top antenna is not properly attached to the roof and main runner of lightweight ceiling is deflected due to detached ceiling support	Remove or properly attach the antenna to the roof - repair the detached connection	2011
JFK	BLDG 338 - Two canopy soffit panels are partially detached.	Remove or repair the partially detached panels	2011
JFK	High Mast Light Towers Loose anchor bolt at BB-13 & CC-5	Tighten the loose bolts	2011
JFK	BLDG 36 Blue Garage - deteriorated concrete and fire proofing.	Remove the deteriorated concrete and the fireproofing	2011
JFK	Radio Communication Tower RC-5 - Missing clevis nut	Reposition the bolt and replace the missing nut	2011
JFK	High Mast Light Towers Loose anchor bolt at BB-1	Tighten the loose bolts	2011
JFK	High Mast Light Towers Loose anchor bolt at Various type EE & P	Tighten the loose bolts	2011

JFK	HMLT- HA-15A- Cracked weld at pole base	Repair or remove the pole	2011
JFK	Bridge J31- Deteriorated brick masonry at north abutment.	Remove Deteriorated brick masonry.	2011
JFK	HMLT- FT07 AND FT09 - loose anchor bolts.	Tighten loose anchor bolt nuts	2011
JFK	HMLT - C1-36,HA-1, W-5&6,and W-11- loose anchor bolts	Tighten loose anchor bolt nuts	2011
JFK	HMLT- CC-1 - Cracks at the base of the pole	Repair or remove the pole on	2011
JFK	HMLT - C1-FXT3 and C1-FT19 - broken or missing hoisting cables.	Replace the cables and associated hardware	2012
JFK	BLDG 54 - Bridge R3 -Deficient parapet rail connections	Repair rail post connections	2012
JFK	Overhead sign structure B6(CT)IB - 14.4xG.4 - Partially detached sign panel	Replace missing bolts	2012
JFK	Building 110 - Bulging Masonry wall	Provide Auxiliary Support for the roof framing. It is also recommended to immediately stabilize the bulging area between the windows.	2012
JFK	Red Garage Canopy - loose 2x6	Remove the loose 2 x 6	2012
JFK	Yellow parking garage (building 29) - sign structure safety deficiency.	Repair deficient connection	2012
JFK	BLDG 158 - Collision Damaged column	Repair the column in kind	2013
JFK	Bridge J2- Deteriorated deck wearing course along center pier of span 2	Remove and patch the deteriorated wearing course area	2013
JFK	HMLT- H1-1 - Luminaire Casting Cracked at Pole Connection - LX-10 - Deterioration in base of Pole	Remove or Repair both Luminaire at Structure H1-1 and the Pole at Structure LX-10	2013
JFK	BLDG- 417A - Unsupported Concrete Masonry	Repair the Unsupported Masonry Concrete	2013
JFK	Lighting Standard Structure G15A - 3 of 4 anchor bolt nut are loose. And cracked base	Repair or remove the pole	2013
JFK	Lighting Standard Structure E213 - 3 of 4 anchor bolt nut are loose.	Repair or remove the pole	2013
JFK	Lighting Standard Structure B179 and B200 - 3 of 4 anchor bolt nut are loose.	Repair or remove the pole	2013
JFK	Light Standard Structures A479, B181 & E54 Deficiencies	Repair or remove poles or mast arm	2013
JFK	Light Standard Structure E90	Repair or remove poles or mast arm	2013
JFK	Light Standard - Loose anchor bolt nuts Light Str A457	Repair or remove poles	2013
JFK	Light Standard Structures E200 & B477	Repair or remove poles	2013
JFK	Light Standard Structures D85 & D148M	Repair or remove poles	2013
JFK	Lighting Standards B39N4 & B20	Repair or remove poles	2013
JFK	Lighting Standard Str A365O - Loose Anchor bolts	Repair or remove the pole	2013
JFK	BLDG 34- Red Parking garage, roof level- Impact damaged steel fascia panel	Repair the damaged fascia and guardrail	2013