

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT</u> JOHN F KENNEDY INTL	<u>AIRPORT ID</u> KJFK	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 31L	<u>ORIGINAL/AMENDMENT</u> 2B	<u>CITY</u> NEW YORK	<u>STATE</u> NY	
<u>AIRPORT ELEVATION</u> 13	<u>TDZE</u> 13	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 31L	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 07/19/2018	<u>MAG VAR</u> 13W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
DPK VOR/DME		SESKE		TF	FB	1.00	229.01	10.00	2400
CHANT		RISSY		TF	FB	1.00	070.79	9.20	2000
SESKE	IAF	ZACHS		TF	FB	1.00	228.92	9.47	2000
RISSY	IAF	ZACHS		TF	FB	1.00	023.98	8.00	2000
ZACHS	IF	CUVKU		TF	FB	1.00	313.91	6.69	1800
CUVKU	FAF	RW31L	MAP	TF	FO	0.30	313.83	5.45	
RW31L	MAP	500 MSL		CA			313.83		500
500 MSL		FRNKY		DF	FB	1.00			
FRNKY		CHANT		TF	FO	1.00	201.63	5.88	3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW31L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 DIRECT FRNKY AND ON TRACK 201.63 TO CHANT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT ZACHS

3. FAC: 313.83

FAF: CUVKU

DIST FAF TO MAP: 5.45

DIST FAF TO THLD: 5.45

4. MIN ALT: ZACHS 2000, CUVKU 1800

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

200 HAT: 0.47

GS ANT:

6. MIN GP INCPT: 1800

GP ALT AT FAF : CUVKU 1800

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 51.0

8. MSA FROM: RW31L 2900

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DPK VOR/DME AIRWAY RADIALS 221 CW 258.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.63 NM TO RW31L*
*LNAV ONLY
WAAS CHANNEL #50119
REFERENCE PATH ID: W31A
CHART FAS OBST: 340 CONTROL_TOWER 403833N/0734653W.
HOLD S, RT, 011.00 INBOUND
LTP HAE: -28.1 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD



CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	213	4000	200	213	4000	200	213	4000	200	213	4000	200			
LNAV/VNAV DA	541	1 3/4	528	541	1 3/4	528	541	1 3/4	528	541	1 3/4	528			
LNAV MDA	600	5500	587	600	5500	587	600	1 3/4	587	600	1 3/4	587			
CIRCLING	640	1	627	640	1	627	680	1 3/4	667	680	2	667			

CHANGES - REASONS

1. CIRCLING CAT C AND CAT D MDA/HAA INCREASED FROM 640/627 TO 680/667. - NEW CONTROLLING OBSTACLE; TO REMOVE NOTAM 9/1431.
2. TERMINAL ROUTES: FEEDERS DPK VOR/DME TO SESKE AND CHANT TO RISSY RNPS UPDATED FROM 2.00 TO 1.00. - IAW 8260.58A.
3. PROFILE LINE 5: DIST TO THLD FROM 200 HAT: 0.47 ADDED, AND "DISTANCE TO THLD FROM 200 HAT: 0.47 NM" REMOVED FROM ADDITIONAL FLIGHT DATA.. - VERIFIED WITH TARGETS BUILD.
- 4.CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -12C OR ABOVE 54C UPDATED TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C OR ABOVE 54C. - UPDATED WEATHER STUDY (2012-2016) USED FOR LNAV/VNAV SLOPE CALCULATIONS AND TO DETERMINE UPPER/LOWER TEMPERATURE LIMITS FOR UNCOMPENSATED BARO-VNAV SYSTEMS.
5. FAS DATA: CRC REMAINDER UPDATED FROM 2B5B57B7 TO EC83ACF5. - FPAP LATITUDE AND LONGITUDE UPDATED FROM 403854.1020N/0734900.1730W TO 403854.1025N/0734900.1740W.
6. CHANGED OBSTACLE DESCRIPTION FOR "CHART FAS OBST: 340..." NOTE IN ADDITIONAL FLIGHT DATA FROM "ROD ON OL ATCT" TO "CONTROL_TOWER" - OBSTACLE DESCRIPTION CHANGED IN DATABASE.

COORDINATED WITH:

A4A☒ALPA☒AOPA☒APA☒HAI☐NBAA☒OTHER: ZNY, NY TRACON, JFK ATCT, ARPT MGR

FLIGHT CHECKED BY

JORGE A MALCUN

Digitally signed by

OFFICE

WARDELL HENNING

FICO

2/6/20

DEVELOPED BY

WARDELL HENNING (BARBARA GORMAN)

Digitally signed by

OFFICE

WARDELL HENNING

AJV-A432

Feb 18, 2020

10/01/2019

APPROVED BY

LONNIE EVERHART

Digitally signed by

WARDELL HENNING

Feb 18, 2020

OFFICE

DATE

TITLE

AJV-A430

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJFK
RUNWAY	RW31L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	403757.2760N
LTP/FTP LONGITUDE	0734654.7820W
LTP/FTP ELLIPSOIDAL HEIGHT	-00281
FPAP LATITUDE	403854.1025N
FPAP LONGITUDE	0734900.1740W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	EC83ACF5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00038
FPAP ORTHOMETRIC HEIGHT	+00038

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
JOHN F KENNEDY INTL	KJFK	RNAV (GPS) Y RWY 31L	2B	NEW YORK	NY	13	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
DPK VOR/DME

TO
SESKE

<u>RNP</u>	<u>DISTANCE</u> 10.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.AAO	404848.00N/0732012.00W		496	164	98	4E	1000				AT904	2400
2.TERRAIN	404848.00N/0732012.00W		295 (300)								AS1500	1800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FEEDER

FROM
CHANT

TO
RISSY

<u>RNP</u>	<u>DISTANCE</u> 9.20	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.SHIP MAST	401907.05N/0734405.89W		254	50	20	2C	1000				AT746	2000
4.SEA SURFACE	401648.00N/0734509.00W		0 (0)								AS1500	1500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



HMAS

RF CENTER FIX/DISTANCE

HMAS

RF CENTER FIX/DISTANCE

INTERMEDIATE

FROM
ZACHS

TO
CUVKU

RNP	DISTANCE 6.69	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.SHIP MAST	403132.59N/0733246.96W		254	50	20	2C	500				AT1046	1800
8.TERRAIN	403439.00N/0733421.00W		23 (0)								AC1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM
CUVKU

TO
RW31L

RNP	DISTANCE 5.45	PAT	MAP DA	HAT 200			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				213

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

CUVKU

TO

RW31L

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.45		DA		528							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.STACK (36-000563)	403638.65N/0734540.21W		277	20	3	1A		23.11:1			SA-35	541

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

CUVKU

TO

RW31L

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.45		RW31L		587							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
10.CONTROL_TOWER (36-104479)	403832.82N/0734652.69W		340	20	3	1A	250					600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LPV

FROM

DA

TO

CHANT

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
47												
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
10.CONTROL_TOWER (36-104479)	403832.82N/0734652.69W		340	20	3	1A	1000					1400
11.TERRAIN	403854.00N/0735203.00W		108 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

CHANT

RNP	DISTANCE	PAT	MAP	HAT			HMAS 380					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
10.CONTROL_TOWER (36-104479)	403832.82N/0734652.69W		340	20	3	1A	1000					1400
11.TERRAIN	403854.00N/0735203.00W		108 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM

RW31L

TO

CHANT

RNP	DISTANCE	PAT	MAP	HAT			HMAS 500					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
10.CONTROL_TOWER (36-104479)	403832.82N/0734652.69W		340	20	3	1A	1000					1400
11.TERRAIN	403854.00N/0735203.00W		108 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
10.CONTROL_TOWER (36-104479)	403832.82N/0734652.69W	1.30	627	340	20	3	1A	300			640
CATEGORY B											
10.CONTROL_TOWER (36-104479)	403832.82N/0734652.69W	1.81	627	340	20	3	1A	300			640
CATEGORY C											
12.BUILDING (36-150560)	404201.02N/0734826.38W	2.84	667	367	50	20	2C	300			680
CATEGORY D											
12.BUILDING (36-150560)	404201.02N/0734826.38W	3.70	667	367	50	20	2C	300			680

CIRCLING REMARKS:



<u>AIRPORT</u> JOHN F KENNEDY INTL	<u>AIRPORT ID</u> KJFK	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 31L	<u>AMDT NO.</u> 2B	<u>CITY</u> NEW YORK	<u>STATE</u> NY	<u>AIRPORT ELEVATION</u> 13	<u>FACILITY</u> RNAV
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MSA

CENTER
RW31L

RADIUS
25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	BLDG (36-020633)	404246.75N/0740047.27W	308	11.6	1806	20	3	1A	1000			2900

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZNY ARTCC, JFK TOWER, NEW YORK APP CON

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KJFK	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KJFK	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:
BACK-UP ALTIMETER SOURCE NOT USED DUE TO REDUNDANT WEATHER SOURCES ON AIRPORT.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW04L - HIRL, REIL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW04R - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW13L - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4L, LDIN	PIR-G	APPROACH, ROLL OUT
RW13R - HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW22L - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW22R - HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW31L - HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW31R - TDZ, MALSR, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH, ROLL OUT

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 12.5	<u>TCH</u> 51.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 67.4
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	3263
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -12C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -12C	<u>APT ISA</u> +14.97C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2012-2016).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 955 HIGH TEMP 1260.



<div>AIRPORT</div> <div>JOHN F KENNEDY INTL</div>	<div>AIRPORT ID</div> <div>KJFK</div>	<div>PROCEDURE NAME</div> <div>RNAV (GPS) Y RWY 31L</div>	<div>AMDT NO.</div> <div>2B</div>	<div>CITY</div> <div>NEW YORK</div>	<div>STATE</div> <div>NY</div>	<div>AIRPORT ELEVATION</div> <div>13</div>	<div>FACILITY</div> <div>RNAV</div>
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"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	CIRCLING RWY 22L	
20:1		
13 LIGHTING (36-103707) 403844.59N/0734516.10W (0.85)	13 LIGHTING (36-103706) 403844.79N/0734516.54W (0.85)	
13 LIGHTING (36-103705) 403844.38N/0734515.63W (0.84)	13 LIGHTING (36-103703) 403844.43N/0734515.74W (0.84)	
13 LIGHTING (36-103708) 403844.61N/0734516.13W (0.82)	13 LIGHTING (36-103704) 403844.82N/0734516.59W (0.82)	
13 LIGHTING (36-113444) 403844.58N/0734516.06W (0.82)	13 LIGHTING (36-103702) 403844.63N/0734516.17W (0.82)	
Final Type	CIRCLING RWY 4R	
20:1		
14 LIGHTING (36-104214) 403729.78N/0734614.57W (1.98)	14 LIGHTING (36-104215) 403729.83N/0734614.69W (1.96)	
14 LIGHTING (36-113477) 403729.81N/0734614.65W (1.95)	14 LIGHTING (36-113475) 403729.76N/0734614.54W (1.95)	
14 LIGHTING (36-104224) 403729.56N/0734614.10W (1.95)	14 LIGHTING (36-104221) 403729.79N/0734614.61W (1.94)	
14 LIGHTING (36-104223) 403730.02N/0734615.12W (1.94)	14 LIGHTING (36-119393) 403729.97N/0734615.01W (1.94)	
14 LIGHTING (36-104222) 403729.58N/0734614.16W (1.92)		

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100' VEGETATION USED.

150' MAST HEIGHT AT AMBROSE CHANNEL AND CLOSER TO APT, 254' USED OUTSIDE PER FPT.

ALL 20:1 PENETRATIONS ARE APPROACH LIGHTS, DISREGARDED IAW 8260.3D PARA 10-6-1.

ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

QUALITY

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CHECKED

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AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
JOHN F KENNEDY INTL	KJFK	RNAV (GPS) Y RWY 31L	2B	NEW YORK	NY	13	RNAV

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.94
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	300.83
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	4.85
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.57
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	300.83
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD
COORDINATES
(IF STR-IN)

403757.28N/0734654.78W

ARP COORDINATES

403823.74N/0734643.29W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 13R DISTANCE 1.81 NM

FAF
COORDINATES

403509.67N/0734045.76W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED
THLD DISPLACED 3263FT, ACTUAL COORDINATES: 403740.78N/0734618.41W.

QUALITY
42
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

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FACILITY
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TITLE
AERONAUTICAL INFORMATION SPECIALIST