

**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SUPERSEDED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> 21 MAY 2020	<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: MM: IM:

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** **DATE**
WARDELL HENNING FICO 2/6/20

Feb 18, 2020

DEVELOPED BY

WARDELL HENNING (BARBARA GORMAN)

Digitally signed by **OFFICE** **DATE**
WARDELL HENNING AJV-A432 10/01/2019

Feb 18, 2020

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

