

**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 22L	<u>ORIGINAL/AMENDMENT</u> 1F	<u>CITY</u> NEW YORK	<u>STATE</u> NY	
<u>AIRPORT ELEVATION</u> 13	<u>TDZE</u> 12	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 22L	<u>ORIGINAL/AMENDMENT</u> 1E	<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	IAF	NAYIK		TF	FB	1.00	286.87	14.78	2000
NAYIK	IF	ZALPO		TF	FB	1.00	223.85	5.91	1800
ZALPO	FAF	RW22L	MAP	TF	FO	0.30	223.81	5.45	
RW22L	MAP	269 MSL		CA			223.81		
269 MSL		FOLER		DF	FB	1.00			
FOLER		CHANT		TF	FO	1.00	188.18	17.21	3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW22L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT FOLER AND ON TRACK 188.18 TO CHANT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT NAYIK

3. FAC: 223.81

FAF: ZALPO

DIST FAF TO MAP: 5.45

DIST FAF TO THLD: 5.45

4. MIN ALT: NAYIK 2000, ZALPO 1800

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

257 HAT: 0.64

GS ANT:

6. MIN GP INCPT: 1800

GP ALT AT FAF : ZALPO 1800

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 53.0

8. MSA FROM: RW22L 2900

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.
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 AIRWAY RADIALS 221 CW 258.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 6000.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.51 NM TO RW22L*
*LNAV ONLY
WAAS CHANNEL #97318
REFERENCE PATH ID: W22A
CHART FAS OBST: 262 TANK 404125N/0734208W.
HOLD S, RT, 011.00 INBOUND
LTP HAE: -28.3 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	269	1800	257	269	1800	257	269	1800	257	269	1800	257			
LNAV/VNAV DA	419	5000	407	419	5000	407	419	5000	407	419	5000	407			
LNAV MDA	560	2400	548	560	2400	548	560	6000	548	560	6000	548			
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: ZALPO TO RW22L DISTANCE UPDATED FROM 5.36 TO 5.45; NAYIK TO ZALPO DISTANCE CHANGED FROM 6.00 NM TO 5.91 NM. - PFAF MOVED IN LINE WITH ILS OR LOC RWY 22L, CHART 11/17/2019.
- 3. PROFILE LINE 3: DIST FAF TO MAP AND DIST FAF TO THLD UPDATED FROM 5.36 TO 5.45. - PFAF MOVED IN LINE WITH ILS OR LOC RWY 22L, CHART 11/17/2019.
- 4. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13C (8F) OR ABOVE 54C (130F) UPDATED TO -12F TO 54C. - FAHRENHEIT REMOVED; LOW TEMPERATURE UPDATED IN LINE WITH OTHER RNAV PROCEDURES.
- 5. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 246 TANK UPDATED TO 262 TANK. - LNAV CONTROLLING OBSTACLE MSL ELEVATION UPDATED.
- 6. FAS DATA: CRC REMAINDER UPDATED FROM 76BA54F1 TO 261E1261. - FPAP LATITUDE AND LONGITUDE FROM 403731.5300N/0734613.2500W TO 403731.2370N/0734613.3725W, AND LENGTH OFFSET UPDATED FROM 0000 TO 0192.
- 7. ADDED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 6000 - IAW 8260.3D, TABLE 3-3-1; NO-LIGHT VISIBILITY INCREASE FROM RVR 5000 TO RVR 6000 IS LESS THAN STANDARD INCREASE OF 1/2 SM FOR ALSF-2.
- 8. CHANGED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DPK VOR/DME ON V1 EASTBOUND AND V44 NORTHEAST BOUND" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DPK VOR/DME AIRWAY RADIALS 221 CW 258" - IAW 8260.19H, PARA 8-2-5G; IAF IS OVER A FACILITY, NOT A FIX.

COORDINATED WITH:

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

FLIGHT CHECKED BY

DURLEY J FELDER

<i>Digitally signed by</i>	OFFICE	DATE
WARDELL HENNING	FICO	02/16/2020
Feb 18, 2020		

DEVELOPED BY

WARDELL HENNING (BARBARA GORMAN)

<i>Digitally signed by</i>	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	RW22L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	403842.8490N
LTP/FTP LONGITUDE	0734517.5090W
LTP/FTP ELLIPSOIDAL HEIGHT	-00283
FPAP LATITUDE	403731.2370N
FPAP LONGITUDE	0734613.3725W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	261E1261

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00036
FPAP ORTHOMETRIC HEIGHT	+00036

