

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 ID</u> JFK	<u>PROCEDURE NAME</u> RNAV (GPS) Z RWY 13L	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> NEW YORK	<u>STATE</u> NY
<u>AIRPORT ELEVATION</u> 13	<u>TDZE</u> 13	<u>SUPERSEDED</u> RNAV (GPS) Z RWY 13L	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 06/17/2021
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 SEPTEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 13W
				<u>EPOCH YEAR</u> 2020
				<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>
ASALT	IF	CNRSE		TF	FB	1.00	044.74	6.69	2000
CNRSE	FAF	@LEISA		TF	FB	0.30	042.97	2.36	
LEISA		@SILJY		TF	FB	0.30	073.80	1.29	
SILJY		@ROBJE		TF	FB	0.30	103.74	1.19	
ROBJE		@RW13L	MAP	TF	FO	0.30	133.75	1.21	
RW13L	MAP	413 MSL		CA			133.75		
413 MSL		DVETO		DF	FB	1.00			
DVETO		HIRBO		TF	FO	1.00	072.58	20.82	4000

MISSED APPROACH

MAP:

LNAV: RW13L

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 210 KIAS UNTIL DVETO) CLIMB TO 4000 ON THE EXTENDED VISUAL APPROACH TRACK TO RW13L, THEN DIRECT DVETO AND TRACK 072.58 TO HIRBO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT ASALT
3. FAC: @ FAF: CNRSE DIST FAF TO MAP: 6.05 DIST FAF TO THLD: 6.05
4. MIN ALT: #ASALT 3000, CNRSE 2000
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
6. MIN GP INCPT: GP ALT AT FAF:
7. GP ANGLE: 34:1 IS CLEAR 20:1 IS CLEAR TCH: OM: MM: IM:
8. MSA FROM: RW13L 2900

QUALITY
35
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: TURNS REQUIRED IN THE VISUAL SEGMENT.
CHART NOTE: FOR ANY LEAD-IN LIGHT BANK OUT OF SERVICE, INCREASE VISIBILITY TO 4 SM.
CHART PROFILE NOTE: #2000 MINIMUM WHEN AUTHORIZED BY ATC.
CHART PLANVIEW NOTE: CROSS LEISA, FLY VISUAL TO AIRPORT VIA LEAD-IN LIGHTS TO RW13L. CLOSE ADHERENCE TO FLIGHT TRACK REQUIRED FOR NOISE ABATEMENT.
CHART IN PLANVIEW AT LEISA: VGF (VISUAL GUIDANCE FIX).
CHART SPEED ICON IN PLANVIEW AT ASALT: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART GP ALT IN PROFILE: CNRSE 2000, *LEISA 1246, *SILJY 835, *ROBJE 450.
CHART AND LABEL: BROOKLYN CGAS (CLOSED), LEAD-IN LIGHT GROUPS: OLD MILL CREEK 403924/735125, LEFFERTS BLVD 403957/734934, HOTEL 403951/734817.
CHART IN PROFILE: *CHECK ALT.

HOLD W, LT, 079.00 INBOUND.
CHART FAS OBST: 193 ANTENNA (36-119111) 403842N/0735241W.
CHART 186 BUILDING (36-002363) 404002N/0734755W, 171 BUILDING (36-001426) 404019N/0734959W.
CHART MANDATORY 3000 AT #ASALT.
CNRSE TO RW13L: 3.00/58.

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B, C, D 1300-2

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
LNAV MDA	1260	2	1247	1260	2	1247	1260	2	1247	1260	2	1247			

CHANGES - REASONS

- MOVED MISSED APPROACH POINT (MAP) LOCATION FROM WP LEISA TO RW13L - TO PROVIDE CLEARER GUIDANCE FOR FLIGHT CREWS IN THE EVENT OF A MISSED APPROACH.
- REMOVED WP CICAV (403754.02N/0733936.62W) WITH WP DVETO (403655.22N/0734148.36W) AS FIRST FIX IN MISSED APPROACH - WILL AID DECONFLICTING WITH KJFK RWY 22L/R AND KLGA RWY 31 APPROACHES.
- CHANGED MISSED APPROACH INSTRUCTIONS FROM '(DO NOT EXCEED 210 KIAS UNTIL CICAV) CLIMB TO 4000 ON FMS LATERAL PATH TO RW13L, THEN DIRECT CICAV AND TRACK 072.59 TO HIRBO AND HOLD. IF UNABLE TO FOLLOW THE FMS LATERAL PATH, TURN TO HEADING 100, THEN CLIMB TO 4000 DIRECT CICAV AND TRACK 072.59 TO HIRBO AND HOLD' TO '(DO NOT EXCEED 210 KIAS UNTIL DVETO) CLIMB TO 4000 ON THE EXTENDED VISUAL APPROACH TRACK TO RW13L, THEN DIRECT DVETO AND TRACK 072.58 TO HIRBO AND HOLD - REMOVED ALTERNATIVE OPTION AND ALTERED GROUND TRACK OF MISSED APPROACH TO STRAIGHT OUT TO DVETO INSTEAD OF A LEFT TURN OUT DIRECT CICAV.
- REMOVED ALTERNATE MISSED APPROACH - NO LONGER APPLICABLE DUE TO REMOVAL OF CICAV WP.
- ADDED PLANVIEW NOTE "VGF (VISUAL GUIDANCE FIX)" AT LEISA WP - CURRENT RECOMMENDATION FROM PARC FOR EXTENDED VISUAL SEGMENT APPROACHES.
- PROFILE LINE 3: CHANGED DIST FAF TO MAP FROM 2.36 TO 6.05 - MISSED APPROACH POINT (MAP) DESIGNATION MOVED FROM LEISA TO RW13L.
- PROFILE LINE 6: REMOVED 'CNRSE 2000, *LEISA 1246, *SILJY 835, *ROBJE 456' - NOT APPLICABLE TO NON-VERTICALLY GUIDED PROCEDURES PER 8260.19I PARA. 8-6-7F.
- ADDED 'CHART GP ATL IN PROFILE: CNRSE 2000, *LEISA 1246, *SILJY 835, *ROBJE 450" IN ADDITIONAL FLIGHT DATA - TO ENSURE CONTINUED PUBLICATION AFTER REMOVAL FROM PROFILE LINE 5.
- REMOVED "EST FPT" FROM COORDINATED WITH LINE - NOT REQUIRED.
- MOVED "RADAR REQUIRED" FROM PBN REQUIREMENTS NOTE TO EQUIPMENT REQUIREMENTS NOTE - 8260.19J 8-6-9.
- ALTERNATIVE MINIMUMS CHANGED FROM CAT A-D 1300-4 TO CAT A, B, C, D 1300-2 - PREVIOUS VISIBILITY ACCOUNTED FOR POSSIBILITY OF LEAD-IN LIGHT FAILURE; WAIVER ALLOWS FOR 2 SM VISIBILITY ON APPROACH.



COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: NY TRACON, AMGR, ZNY

FLIGHT CHECKED BY

JEREMY R VIRTIS

Digitally signed by

RAKE MCGRAW

Jul 22, 2024

OFFICE

FPO

DATE

07/20/2024

DEVELOPED BY

RALPH DUMAR

Digitally signed by

RALPH DUMAR

May 29, 2024

OFFICE

AJV-A422

DATE

03/01/2024

APPROVED BY

DAVID DANNER

Digitally signed by

RAKE MCGRAW

Jul 22, 2024

OFFICE

AJV-A420

DATE

TITLE

MANAGER