

# FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE ILS STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
JFK	ILS OR LOC RWY 4R ILS RWY 4R (CAT II) ILS RWY 4R (CAT III)	31	NEW YORK	NY		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
13	12	ILS OR LOC RWY 4R ILS RWY 4R (CAT II) ILS RWY 4R (CAT III)	30B	05/21/2020	13W	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-JFK			ROUTINE			

## 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>
ZETAL/I-JFK 11.01 DME/RADAR	IF	EBBEE/I-JFK 6.07 DME/RADAR					043.76 (I-JFK)	4.94	1500

## MISSED APPROACH

### MAP:

ILS: DA  
LOC: 4.51 NM AFTER EBBEE/I-JFK 6.07 DME/RADAR OR AT I-JFK 1.56 DME

### MISSED APPROACH INSTRUCTIONS:

CLIMB TO 420 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 145 AND JFK VOR/DME R-118 TO SNIPY 11.42 DME AND HOLD.

### ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 520 THEN CLIMBING RIGHT TURN TO 2000 DIRECT SNIPY AND HOLD (RNP APCH - GPS REQUIRED).

## PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT ZETAL/I-JFK 11.01 DME/RADAR					
3. FAC: 043.76	FAF: EBBEE/I-JFK 6.07 DME/RADAR		DIST FAF TO MAP: 4.51		DIST FAF TO THLD: 4.51
4. MIN ALT: ZETAL/I-JFK 11.01 DME/RADAR 2000, EBBEE/I-JFK 6.07 DME/RADAR 1500					
5. DIST TO THLD FROM OM:	MM:	IM: 903.00	100 HAT: 904.00	150 HAT:	GS ANT: 1005
6. MIN GS INCPT: 1500	GS ALT AT PFAF: EBBEE/I-JFK 6.07 DME/RADAR 1500		OM:	MM:	IM: 112
7. GS ANGLE: 3.00	34:1:	20:1:	TCH: 52.7		
8. MSA FROM: JFK VOR/DME 270-360 2900, 360-270 2000					

QUALITY  
34  
CHECKED

**AIRPORT ID**

JFK

**PROCEDURE NAME**ILS OR LOC RWY 4R  
ILS RWY 4R (CAT II)  
ILS RWY 4R (CAT III)**ORIGINAL/AMENDMENT**

31

**CITY**

NEW YORK

**STATE**

NY

**EQUIPMENT REQUIREMENTS NOTES:**

RADAR REQUIRED FOR PROCEDURE ENTRY.

**NOTES:**

CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 4R: CAT A, B, C, D, RA 112, RVR 1200, HAT 100, DA 112 MSL  
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 4R: CAT A, B, C, D, RVR 600  
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

**ADDITIONAL FLIGHT DATA:**

CHART CIRCLING ICON.  
HOLD NW, RT, 118.47 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW SNIPY, RT, 118.00 INBOUND.  
CHART FAS OBST: 208 HEAT\_COOL\_SYSTEM (36-104061) 403530N/0734716W.  
CHART VDP AT 3.00 DME.  
DISTANCE VDP TO THLD 1.44 NM.  
CHART IN PLANVIEW: SNIPY.

**MINIMUMS:****TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/4

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
S-ILS 04R	212	1800	200	212	1800	200	212	1800	200	212	1800	200			
S-LOC 04R	540	2400	528	540	2400	528	540	5500	528	540	5500	528			
CIRCLING	640	1	627	640	1	627	700	2	687	700	2 1/4	687			

**CHANGES - REASONS**

1. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 4000 HEADING 099 AND V44 TO DPK VOR/DME AND HOLD" TO "CLIMB TO 420 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 145 AND JFK VOR/DME R-118 TO SNIPY 11.42 DME AND HOLD." – ATC/FPT REQUEST
2. ALTERNATE MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 ON JFK VOR/DME R-062 TO DUFFY INT/JFK 14.79 DME AND HOLD" TO "CLIMB TO 520 THEN CLIMBING RIGHT TURN TO 2000 DIRECT SNIPY AND HOLD (RNP APCH - GPS REQUIRED)." – ATC/FPT REQUEST
3. PROFILE – ALL INSTANCES OF ZETAL AND ZETAL INT/I-JFK 11.01 DME CHANGED TO ZETAL/I-JFK 11.01 DME/RADAR - IAW 8260.19J 8-6-7B(3)(A), REMOVING INT FROM CRI VOR/DME FOR FUTURE VOR/MON
4. ADDITIONAL FLIGHT DATA – REMOVED "CHART IN PLANVIEW: DUFFY" – MISSED HOLDING CHANGED FROM DUFFY TO SNIPY AT ATC/FPT REQUEST
5. ADDITIONAL FLIGHT DATA – REMOVED "\*" FROM "CHART VDP AT 3.05 DME\*" AS WELL AS ASSOCIATED \*LOC ONLY NOTE – NO LONGER REQUIRED
6. ADDITIONAL FLIGHT DATA – CHANGED FAS OBST NOTE FROM "CHART FAS OBST: 208 HVAC 403530N/0734716W" TO "CHART FAS OBST: 208 HEAT\_COOL\_SYSTEM (36-104061) 403530N/0734716W." - 8260.19J, PARA 8-6-11.C
7. ADDITIONAL FLIGHT DATA – CHANGED HOLDING NOTE FROM "HOLD E, LT, 258.09 INBOUND" TO "HOLD NW, RT, 118.47 INBOUND" - MISSED HOLDING CHANGED FROM DUFFY TO SNIPY AT ATC/FPT REQUEST
8. ADDITIONAL FLIGHT DATA – CHANGED ALTERNATE MISSED HOLDING NOTE FROM "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE DUFFY, LT, 242.03 INBOUND" TO "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW SNIPY, RT, 118.00 INBOUND" – ALTERNATE MISSED HOLDING CHANGED FROM DUFFY TO SNIPY AT ATC/FPT REQUEST
9. MINIMUMS – CIRCLING CAT C/D MDA/HAA CHANGED FROM 680/667 TO 700/687 – NEW CONTROLLING OBSTACLE
10. MINIMUMS – CIRCLING CAT C/D VIS CHANGED FROM 1 ¾ / 2 TO 2 / 2 ¼ – NEW CONTROLLING OBSTACLE, PER 8260.3E VISIBILITY TABLE 3-3-7
11. PROFILE LINE 5 – IM/100 HAT CHANGED FROM 894/906 TO 903/904 - NEW CONTROLLING OBSTACLE
12. VDP DISTANCES CHANGED FROM 1.49NM/3.05DME TO 1.44NM/3.00 DME – NEW TARGETS EVAL
13. ALT MINS UPDATED FROM ILS: STANDARD; LOC: STANDARD TO ILS: STANDARD; LOC: STANDARD - CAT D 800-2 ¼ - CIRCLING CAT D MINIMA UPDATED DUE TO NEW CONTROLLING OBSTACLE

QUALITY  
34  
CHECKED



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

<u>AIRPORT ID</u> JFK	<u>PROCEDURE NAME</u> ILS OR LOC RWY 4R ILS RWY 4R (CAT II) ILS RWY 4R (CAT III)	<u>AMDT NO.</u> 31	<u>CITY</u> NEW YORK	<u>STATE</u> NY	<u>AIRPORT ELEVATION</u> 13	<u>FACILITY</u> I-JFK
--------------------------	---	-----------------------	-------------------------	--------------------	--------------------------------	--------------------------

**PART A: OBSTRUCTION DATA SEGMENTS**

**INTERMEDIATE**

<b><u>FROM</u></b> ZETAL/I-JFK 11.01 DME/RADAR	<b><u>TO</u></b> EBBEE/I-JFK 6.07 DME/RADAR
---	--

<u>RNP</u>	<u>DISTANCE</u> 4.94	<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>
SHIP	403337.63N/0734915.73W	200	50	20	2C	500					700
TERRAIN	403131.39N/0735054.10W	0 (0)								AS1500	1500

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL: ILS**

<b><u>FROM</u></b> EBBEE/I-JFK 6.07 DME/RADAR	<b><u>TO</u></b> RW04R
--	---------------------------

<u>RNP</u>	<u>DISTANCE</u> 4.51	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 200	<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>
							ASC				212

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

QUALITY  
34  
CHECKED

FINAL: ILS CAT II

FROM

EBBEE/I-JFK 6.07 DME/RADAR

TO

RW04R

<u>RNP</u>		<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>			
		4.51		DA			100				
<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>
							ASC				112

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LOC

FROM

EBBEE/I-JFK 6.07 DME/RADAR

TO

4.51 NM AFTER EBBEE/I-JFK 6.07 DME/RADAR OR AT I-JFK 1.56 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	4.44		4.51 NM AFTER EBBEE/I-JFK 6.07 DME/RADAR OR AT I-JFK 1.56 DME				528				
<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>
HEAT_COOL_SYSTEM (36-104061)	403529.51N/0734716.33W	208	20	3	1A	250				XP88 SA-6	540

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP= RETAIN CURRENT LOC MINIMUM PER FPT



MISSED APPROACH: ILS

FROM

DA

TO

SNIPY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
										45	
<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>
							ASC				2000
STACK (36-000262)	403658.00N/0733851.00W	359	100	20	3C	1000					1400
TERRAIN	403700.00N/0733809.00W	137 (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: ILS CAT II

FROM

DA

TO

SNIPY

<u>RNP</u>	<u>DISTANCE</u>	<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>
							ASC				2000
STACK (36-000262)	403658.00N/0733851.00W	359	100	20	3C	1000					1400
TERRAIN	403700.00N/0733809.00W	137 (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: LOC

FROM

4.51 NM AFTER EBBEE/I-JFK 6.07 DME/RADAR OR AT I-JFK 1.56 DME

TO

SNIPY

RNP	DISTANCE	PAT	MAP				HAT	HMAS			
								290			
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
STACK (36-000262)	403658.00N/0733851.00W	359	100	20	3C	1000					1400
TERRAIN	403700.00N/0733809.00W	137 (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 ALTERNATE: ILS

FROM

DA

TO

SNIPY

RNP	DISTANCE	PAT	MAP				HAT	HMAS			
								45			
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
STACK (36-000262)	403658.00N/0733851.00W	359	100	20	3C	1000					1400
TERRAIN	403700.00N/0733809.00W	137 (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 ALTERNATE: ILS CAT II

FROM

DA

TO

SNIPY

<u>RNP</u>	<u>DISTANCE</u>	<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>
							ASC				2000
STACK (36-000262)	403658.00N/0733851.00W	359	100	20	3C	1000					1400
TERRAIN	403700.00N/0733809.00W	137 (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 ALTERNATE: LOC

FROM

4.51 NM AFTER EBBEE/I-JFK 6.07 DME/RADAR OR AT I-JFK 1.56 DME

TO

SNIPY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 290			
<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>
							ASC				2000
STACK (36-000262)	403658.00N/0733851.00W	359	100	20	3C	1000					1400
TERRAIN	403700.00N/0733809.00W	137 (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											
CONTROL TOWER (36-104479)	403832.82N/0734652.69W	1.30	627	340	20	3	1A	300			640
CATEGORY B											
CONTROL TOWER (36-104479)	403832.82N/0734652.69W	1.81	627	340	20	3	1A	300			640
CATEGORY C											
BUILDING (36-150560)	404201.20N/0734825.00W	2.84	687	386	50	20	2C	300			700
CATEGORY D											
BUILDING (36-150560)	404201.20N/0734825.00W	3.70	687	386	50	20	2C	300			700

CIRCLING REMARKS:

MSA

CENTER	RADIUS
JFK VOR/DME	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
270-360	BLDG (36-020633)	404246.75N/0740047.27W	306	12.0	1806	20	3	1A	1000			2900
360-270	TWR (34-000001)	405738.00N/0735521.00W	353	20.8	944	20	50	1D	1010			2000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PER FPT, BOAT HEIGHT IS LESS THAN 200 FT SOUTHWEST OF RWY 4L.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

NY TRACON, ZNY ARTCC, JFK TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	JFK	24	JFK	0.70	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS

WX REMARKS:

BACKUP ALTIMETER NA DUE TO REDUNDANT WEATHER SOURCES AVAILABLE.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
I-JFK	JFK ATCT	24	1
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
01H			
RW04L - TDZ, C/LINE, HIRL, PAPI-4L		PIR-G	APPROACH, ROLL OUT
RW04R - ALSF-2, C/LINE, HIRL, TDZ, PAPI-4L		PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW13L - LDIN, ALSF-2, C/LINE, TDZ, HIRL, PAPI-4L		PIR-G	APPROACH, ROLL OUT
RW13R - LDIN, C/LINE, HIRL, PAPI-4L		PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW22L - ALSF-2, C/LINE, HIRL, TDZ, PAPI-4L		PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW22R - HIRL, C/LINE, PAPI-4L		PIR-G	APPROACH, ROLL OUT
RW31L - HIRL, C/LINE, PAPI-4L		PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW31R - MALSR, C/LINE, TDZ, HIRL, PAPI-4R		PIR-G	APPROACH, ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	11.9	52.7	12.6	1005	3.00	68.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<div>X</div>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<div>X</div>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
--------------	---------------	-----	---------

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 22L
------------	------------------



<b>AIRPORT ID</b> JFK	<b>PROCEDURE NAME</b> ILS OR LOC RWY 4R ILS RWY 4R (CAT II) ILS RWY 4R (CAT III)	<b>AMDT NO.</b> 31	<b>CITY</b> NEW YORK	<b>STATE</b> NY	<b>AIRPORT ELEVATION</b> 13	<b>FACILITY</b> I-JFK
--------------------------	---	-----------------------	-------------------------	--------------------	--------------------------------	--------------------------

20:1	
13 LIGHTING (36-103706) 403844.7900N/0734516.5400W (0.78)	13 LIGHTING (36-103705) 403844.3800N/0734515.6300W (0.77)
13 LIGHTING (36-103703) 403844.4300N/0734515.7400W (0.77)	13 LIGHTING (36-103708) 403844.6100N/0734516.1300W (0.75)
13 LIGHTING (36-103704) 403844.8200N/0734516.5900W (0.75)	13 LIGHTING (36-113444) 403844.5800N/0734516.0600W (0.75)
13 LIGHTING (36-103702) 403844.6300N/0734516.1700W (0.75)	
FINAL TYPE	CIRCLING RWY 4R
20:1	
14 LIGHTING (36-104214) 403729.7800N/0734614.5700W (1.82)	14 LIGHTING (36-104215) 403729.8300N/0734614.6900W (1.81)
14 LIGHTING (36-113477) 403729.8100N/0734614.6500W (1.8)	14 LIGHTING (36-113475) 403729.7600N/0734614.5400W (1.8)
14 LIGHTING (36-104224) 403729.5600N/0734614.1000W (1.8)	14 LIGHTING (36-104221) 403729.7900N/0734614.6100W (1.79)
14 LIGHTING (36-104223) 403730.0200N/0734615.1200W (1.78)	14 LIGHTING (36-119393) 403729.9700N/0734615.0100W (1.78)
14 LIGHTING (36-104222) 403729.5800N/0734614.1600W (1.76)	
<b>PENETRATIONS REMARKS:</b>	
ALL 20:1 PENETRATIONS ARE APPROACH LIGHTS.	

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or

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

<b>PENETRATIONS REMARKS:</b>

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VEGETATION ASSUMED TO BE 100 FEET PER FPT.

WAIVER: NONSTANDARD IFP TO APPLY LPV MISSED CRITERIA TO AN ILS CAT II/III; FAAO 8260.3F, 10-3-1, 10-5-5  
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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	0.86
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	030.76
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	4.51
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.19
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	030.76
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)	403731.54N/0734613.24W
ARP COORDINATES	403823.74N/0734643.29W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 13R DISTANCE 1.81 NM
FAF COORDINATES	403338.97N/0734914.77W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
JOSEPH BLANCO	AJV-A432	10/09/2024	AERONAUTICAL INFORMATION SPECIALIST

