

**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><b>AIRPORT ID</b></u><br>KJFK      | <u><b>PROCEDURE NAME</b></u><br>ILS OR LOC RWY 4L | <u><b>ORIGINAL/AMENDMENT</b></u><br>11E                 | <u><b>CITY</b></u><br>NEW YORK                   | <u><b>STATE</b></u><br>NY         |                              |                                  |
| <u><b>AIRPORT ELEVATION</b></u><br>13 | <u><b>TDZE</b></u><br>13                          | <u><b>SUPERSEDED</b></u><br>ILS OR LOC RWY 4L           | <u><b>ORIGINAL/AMENDMENT</b></u><br>11D          | <u><b>DATED</b></u><br>05/21/2020 | <u><b>MAG VAR</b></u><br>13W | <u><b>EPOCH YEAR</b></u><br>2020 |
| <u><b>FACILITY</b></u><br>I-HIQ       | <u><b>COORDINATES OF FACILITIES</b></u>           | <u><b>ACTUAL EFFECTIVE DATE</b></u><br>29 DECEMBER 2022 | <u><b>REQUIRED EFFECTIVE DATE</b></u><br>ROUTINE | <u><b>CANCEL/SUSPEND</b></u>      |                              |                                  |

**TERMINAL ROUTES**

| <u><b>FROM</b></u>   | <u><b>FIX TYPE</b></u> | <u><b>TO</b></u>     | <u><b>FIX TYPE</b></u> | <u><b>LEG TYPE</b></u> | <u><b>FO/FB</b></u> | <u><b>RNP</b></u> | <u><b>COURSE</b></u> | <u><b>DISTANCE</b></u> | <u><b>ALTITUDE</b></u> |
|----------------------|------------------------|----------------------|------------------------|------------------------|---------------------|-------------------|----------------------|------------------------|------------------------|
| AROE/I-HIQ 10.97 DME | IF                     | KRSTL/4.95 DME/RADAR |                        |                        |                     |                   | 043.75               | 6.02 (I-HIQ)           | 1500                   |

**MISSED APPROACH**

**MAP:**

ILS: DA

LOC: 4.49 NM AFTER KRSTL/I-IWY 4.95 DME/RADAR OR AT I-HIQ 0.46 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 ON JFK VOR/DME R-062 TO DUFFY INT/JFK 14.79 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF      (IAF)
2. PROFILE STARTS AT AROKE
3. FAC: 043.75      FAF: KRSTL/4.95 DME/RADAR      DIST FAF TO MAP: 4.49      DIST FAF TO THLD: 4.49
4. MIN ALT:      AROE/I-HIQ 10.97 DME 2000, KRSTL/4.95 DME/RADAR 1500
5. DIST TO THLD FROM OM:      MM:      IM:      150 HAT:      GS ANT: 1087
6. MIN GS INCPT: 1500      GS ALT AT PFAF: KRSTL/4.95 DME/RADAR 1500      OM:      MM:      IM:
7. GS ANGLE: 3.00      34:1:      20:1:      TCH: 57.2
8. MSA FROM:      JFK VOR/DME 360-270 2000, 270-360 2900

**EQUIPMENT REQUIREMENTS NOTES:**

RADAR REQUIRED FOR PROCEDURE ENTRY.  
DME OR RADAR REQUIRED FOR LOC ONLY.



**NOTES:**

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 200 FT MSL.  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

**ADDITIONAL FLIGHT DATA:**

HOLD NE, LT, 242.03 INBOUND.  
FAS OBST: 209 AAO 403445N/0734951W.  
CHART VDP AT 1.62 DME  
DISTANCE VDP TO THLD 1.17 NM.  
CHART CIRCLING ICON.

**MINIMUMS:**

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

**ALTERNATE:** NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/4

| 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 |
| S-ILS 04L  | 231    | 4000 | 218     | 231    | 4000 | 218     | 231    | 4000  | 218     | 231    | 4000  | 218     |        |     |         |
| S-LOC 04L  | 460    | 5500 | 447     | 460    | 5500 | 447     | 460    | 1 3/8 | 447     | 460    | 1 3/8 | 447     |        |     |         |
| CIRCLING   | 640    | 1    | 627     | 640    | 1    | 627     | 700    | 2     | 687     | 700    | 2 1/4 | 687     |        |     |         |

**CHANGES - REASONS**

- RAISED CIRCLING CAT C/D MDA/HAA FROM 680/667 TO 700/687 - INCORPORATE NOTAM FDC 1/9404 FOR NEW CONTROLLING OBSTACLE 386 MSL BUILDING (36-150560).
- RAISED CIRCLING CAT C VIS FROM 1 3/4 TO 2 AND CIRCLING CAT D VIS FROM 2 TO 2 1/4 - 8260.3E CALCULATIONS.
- ADDED "CAT D 800-2 1/4" TO ALTERNATE MINIMUMS - 8260.3E CALCULATIONS.
- ADDED "CHART NOTE: AUTOPILOT COUPLED APPROACHES NA BELOW 200FT MSL" - INCORPORATE NOTAM FDC 2/6814, FLIGHT INSPECTION RESTRICTION.
- RAISED S-ILS 04L DA/HAT FROM 223/210 TO 231/218 - UPDATED TARGETS EVALUATION OF MISSED APPROACH OBSTACLE.
- DELETED NOTE \*LOC ONLY AND ASSOCIATED VDP \* - NO LONGER REQUIRED.

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** APT MGR, NY TRACON, ZNY, EST FPT, NY DEPT OF AVIA, JFK ATCT

**FLIGHT CHECKED BY**

BOB S PRESSLER

*Digitally signed by*

**JASON KRETSCHMER**

Oct 05, 2022

**OFFICE**

FPO

**DATE**

09/30/2022

**DEVELOPED BY**

CHARLES THIBODEAUX

*Digitally signed by*

**JASON KRETSCHMER**

Sep 23, 2022

**OFFICE**

AJV-A421

**DATE**

08/24/2022

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by*

**JASON KRETSCHMER**

Sep 23, 2022

**OFFICE**

AJV-A420

**DATE**

**TITLE**  
MANAGER

QUALITY  
16  
CHECKED