

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> KEWR | <u>PROCEDURE NAME</u> ILS OR LOC RWY 22R | <u>ORIGINAL/AMENDMENT</u> 7 | <u>CITY</u> NEWARK | <u>STATE</u> NJ | | |
| <u>AIRPORT ELEVATION</u> 17 | <u>TDZE</u> 22R 10 22L 11 | <u>SUPERSEDED</u> ILS OR LOC RWY 22R | <u>ORIGINAL/AMENDMENT</u> 6C | <u>DATED</u> 12/31/2020 | <u>MAG VAR</u> 13W | <u>EPOCH YEAR</u> 1985 |
| <u>FACILITY</u> I-JNN | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023 | <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> |
|----------------------|-----------------|----------------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| PATRN | IAF | AGNSS | | TF | FB | 1.00 | 165.17 | 7.17 | 3000 |
| AGNSS/I-JNN 8.70 DME | IF | VERDE/I-JNN 7.13 DME | | | | | 218.83 | 1.57 (I-JNN) | 2500 |
| VERDE/I-JNN 7.13 DME | | TIPPS/I-JNN 5.56 DME | | | | | 218.83 | 1.57 (I-JNN) | 2000 |
| TIPPS/I-JNN 5.56 DME | | TALTE/I-JNN 4.00 DME | | | | | 218.83 | 1.57 (I-JNN) | 1500 |

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.38 NM AFTER TALTE/I-JNN 4.00 DME OR AT I-JNN 0.40 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 ON HEADING 219 AND ARD VOR/DME R-069 TO KILMA INT/ARD 27.04 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 3000 ON HEADING 219 AND JFK VOR/DME R-265 TO KILMA INT/JFK 30.17 DME AND HOLD.

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT AGNSS
3. FAF: 218.83 FAF: TALTE/I-JNN 4.00 DME DIST FAF TO MAP: 4.38 DIST FAF TO THLD: 4.38
4. MIN ALT: AGNSS/I-JNN 8.70 DME 3000, VERDE/I-JNN 7.13 DME 2500, TIPPS/I-JNN 5.56 DME 2000, TALTE/I-JNN 4.00 DME 1500
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 870
6. MIN GS INCPT: 1500 GS ALT AT PFAF: TALTE/I-JNN 4.00 DME 1500 OM: MM: IM:
7. GS ANGLE: 3.10 34:1: 20:1: TCH: 47.2
8. MSA FROM: SBJ VOR/DME 3100 (28 NM)



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

EQUIPMENT REQUIREMENTS NOTES:

AIRCRAFT NOT GPS EQUIPPED - RADAR REQUIRED FOR PROCEDURE ENTRY. DME REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA S OF RWY 11-29.

CHART NOTE: WHEN CIRCLING TO RWY 29 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART SPEED ICON IN PLANVIEW AT AGNSS: MAX 210 KIAS.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 22R CAT C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.

HOLD W, RT, 068.78 INBOUND.

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W KILMA INT/JFK 30.17 DME, RT, 085.24 INBOUND.

FAS OBST: 230 AAO 404514N/0740718W.

330 AAO 404615N/0740704W.

CHART VDP AT 0.83 DME

DISTANCE VDP TO THLD 1.21 NM.

CHART IN PLANVIEW: KILMA INT/JFK 30.17 DME.

CHART IN PROFILE VIEW: I-JNN DME ANTENNA.

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ ILS: STANDARD; LOC: STANDARD - CAT C 900-2 3/4, CAT D 900-3

| <u>CATEGORY:</u> | <u>A</u> | | | <u>B</u> | | | <u>C</u> | | | <u>D</u> | | | <u>E</u> | | |
|-------------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|
| <u>FINAL TYPE</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> |
| S-ILS 22R | 210 | 1800 | 200 | 210 | 1800 | 200 | 210 | 1800 | 200 | 210 | 1800 | 200 | | | |
| S-LOC 22R | 480 | 2400 | 470 | 480 | 2400 | 470 | 480 | 5000 | 470 | 480 | 5000 | 470 | | | |
| SIDESTEP 22L | 540 | 5500 | 529 | 540 | 5500 | 529 | 540 | 5500 | 529 | 540 | 1 1/2 | 529 | | | |
| CIRCLING | 660 | 1 | 643 | 660 | 1 | 643 | 900 | 2 3/4 | 883 | 900 | 3 | 883 | | | |



CHANGES - REASONS

1. ADDED NEW TERMINAL ROUTE LEGS PATRN TO BONTE; BONTE/I-JNN 9.51 DME TO CORAP/I-JNN 7.13 DME; CORAP/I-JNN 7.13 DME TO TIPPS/I-JNN 5.56 ME; TIPPS/I-JNN 5.56 DME TO RAYYS/I-JNN 4.00 DME - ADDED NEW ROUTES TO AVOID TCAS ALERTS FROM TEB DEPARTURES.
2. CHANGED LOC MAP FROM: 4.38 NM AFTER TALTE/I-JNN 4.00 DME/RADAR TO: 4.38 NM AFTER RAYYS/I-JNN 4.00 DME OR AT I-JNN 0.40 DME - ADDED NEW FIXES TO AVOID TCAS ALERTS FROM TEB; 8260.3E 2-8-3.
3. REMOVED ALTERNATE MISSED APPROACH - REMOVED CRI VOR/DME FROM PROCEDURE USE PER FPT; 8260.19I 8-6-6 H.
4. CHANGED PROFILE LINE 2 FROM: AGNSS TO: BONTE - 8260.19I 8-6-7 B 3(A).
5. CHANGED PROFILE LINE 3 FAF FROM: TALTE/I-JNN 4.00 DME/RADAR TO: RAYYS/I-JNN 4.00 DME - 8260.19I 8-6-7 C (2).
6. CHANGED PROFILE LINE 4 FROM: AGNSS/I-JNN 9.71 DME/RADAR 3000, VERDE/I-JNN 7.28 DME/RADAR 2500, TALTE/I-JNN 4.00 DME/RADAR 1500 TO: BONTE/I-JNN 9.51 DME 3000, CORAP/I-JNN 7.13 DME 2500, TIPPS/I-JNN 5.56 DME 2000, RAYYS/I-JNN 4.00 DME 1500 - 8260.19I 8-6-7 D.
7. CHANGED PROFILE LINE 6 GS ALT AT PFAF FROM: TALTE/I-JNN 4.00 DME/RADAR 1500 TO: RAYYS/I-JNN 4.00 DME 1500 - 8260.19I 8-6-7 F (3).
8. CHANGED PROFILE LINE 8 MSA FROM: TEB VOR/DME 3000 TO: SBJ VOR/DME 3100 - TEB VOR/DME BEING REMOVED FROM PROCEDURE; 8260.19I 8-6-7H.
9. ADDED EQUIPMENT REQUIREMENT NOTE: RNP APCH - GPS - 8260.19I 8-6-8 B(2).
10. ADDED EQUIPMENT REQUIREMENT NOTE: AIRCRAFT NOT GPS EQUIPPED - RADAR REQUIRED FOR PROCEDURE ENTRY. DME REQUIRED - FPT REQUEST; 8260.19I 8-6-8 B.
11. ADDED CHART NOTE: CIRCLING NA SOUTH OF RWY 11-29 - CIRCLING RESTRICTED TO REDUCE CAT A & B MDA DUE TO OBSTACLES; FPT REQUEST.
12. ADDED CHART NOTE: WHEN CIRCLING TO RWY 29 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD - INCORPORATED FDC NOTAM 0/2585.
13. UPDATED CHART PROFILE NOTE FROM: VGSI AND ILS GLIDEPATH NOT COINCIDENT TO: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE{ANGLE}/TCH{FEET}) - 8260.19I 8-6-9 M(1).
14. UPDATED CHART NOTE FROM: FOR INOPERATIVE ALSF-2, INCREASE SIDESTEP 22L CAT C VISIBILITY TO 1 5/8 SM TO: FOR INOPERATIVE ALS INCREASE S-LOC 22R CAT C/D VISIBILITY TO 1 3/8 SM - 8260.3E VISIBILITY TABLE 3-3-1.
15. REMOVED CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP 22L CATS A, B, C, AND D - NO LONGER REQUIRED.
16. REMOVED CHART PLANVIEW NOTE: DISREGARD ALL MARKER BEACON LOCATIONS - NO LONGER REQUIRED.
17. ADDED CHART SPEED ICON IN PLANVIEW AT BONTE: MAX 210 KIAS - 8260.19I 4-6-10G; FPT REQUEST.
18. REMOVED ADDITIONAL FLIGHT DATA NOTE: CHART SUBDUED: RWY 22L OM - NO LONGER REQUIRED.
19. UPDATED FAS OBSTACLE FROM: 291 STACK 404417N/0740736W TO: 230 AAO 404514N/0740718W - NEW EVALUATION.
20. ADDED ADDITIONAL FLIGHT DATA NOTE: 330 AAO 404615N/0740704W - 7:1 OBSTACLE
21. CHANGED ADDITIONAL FLIGHT DATA FROM: CHART VDP AT 0.81 DME TO: CHART VDP AT 0.83 DME - PFAF MOVED; 8260.3E 2-6-5.
22. CHANGED ADDITIONAL FLIGHT DATA FROM: DISTANCE VDP TO THLD 1.20 NM TO: DISTANCE VDP TO THLD 1.21 NM - PFAF MOVED; 8260.3E 2-6-5.
23. REMOVED ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W KILMA INT/ARD 27.04 DME, RT, 083.09 INBOUND - REMOVED ALTERNATE MISSED APPROACH.
24. ADDED ADDITIONAL FLIGHT DATA NOTE: CHART IN PROFILE VIEW: I-JNN DME ANTENNA - 8260.19I 8-6-10 R.
25. CHANGED ALTERNATE MINIMUMS FROM: ILS: CAT A 800-2, CAT B, C 900-2 CAT D 900-3; LOC: STANDARD - CAT B,C 900-2, CAT D 900-3 TO: ILS: STANDARD; LOC STANDARD - CAT C 900-2 3/4, CAT D 900-3 - 8260.3E 3-4-1.
26. S-LOC 22R ALL CATS HAT/MDA CHANGED FROM: 450/460 TO: 470/480; VISIBILITY FOR CATS C AND D CHANGED FROM: 4500 RVR TO: 5000 RVR - NEW CONTROLLING OBSTACLE; TABLE 3-3-1 VISIBILITY MINIMUMS.
27. SIDESTEP 22L ALL CATS HAT/MDA CHANGED FROM: 549/560 TO: 529/540; VISIBILITY CATS A-C CHANGED FROM: 5000 RVR TO: 5500 RVR - NEW CONTROLLING OBSTACLE; TABLE 3-3-1 VISIBILITY MINIMUMS.
28. CIRCLING CAT A HAA/MDA CHANGED FROM: 743/760 TO: 643/660; CAT B HAA/MDA FROM: 803/820 TO: 603/640; CAT C HAA/MDA FROM: 803/820 TO: 883/900; VISIBILITY CAT CHANGED FROM: 2 SM TO: 2 3/4 SM - NEW CONTROLLING OBSTACLES; TABLE 3-3-1 VISIBILITY MINIMUMS.

08/18/2022: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/27/2022:

1. PROCEDURE: CHANGED FIX NAMES FROM BONTE, CORAP, AND RAYYS TO AGNSS, VERDE, AND TALTE RESPECTIVELY.
2. TERMINAL ROUTES: CHANGED PATRN IAF COURSE/DIST FROM 159.59/6.72 TO 165.17/7.17.
3. TERMINAL ROUTES: CHANGED "IF" DIST FROM 2.38 TO 1.57.
4. ALT MA INSTRUCTIONS: ADDED ALT MA.
5. NOTES: CHANGED SPEED ICON NOTE FIX FROM BONTE TO AGNSS.
6. ADDITIONAL FLIGHT DATA: ADDED ALT MA HOLD AND FIX KILME CHART NOTE.

Digitally signed by

ERIC N SUSKI

Sep 26, 2022



COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZNY, NY TRACON, EWR ATCT, KEWR AMGR

FLIGHT CHECKED BY

NATHAN J CHOTT

Digitally signed by

ERIC N SUSKI

Jan 10, 2023

OFFICE

FPO

DATE

01/04/2023

DEVELOPED BY

DONALD H. LANIER (MICAH HILLEY)

Digitally signed by

ERIC N SUSKI

Sep 26, 2022

OFFICE

AJV-A431

DATE

04/27/2022

APPROVED BY

CASIMIR TABAKA

OFFICE

AJV-A430

DATE

TITLE
MANAGER

Digitally signed by

ERIC N SUSKI

Sep 26, 2022

