

**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 11	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> NEWARK	<u>STATE</u> NJ		
<u>AIRPORT ELEVATION</u> 17	<u>TDZE</u> 17	<u>SUPERSEDED</u> ILS OR LOC RWY 11	<u>ORIGINAL/AMENDMENT</u> 2F	<u>DATED</u> 12/31/2020	<u>MAG VAR</u> 13W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> I-GPR	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 JUNE 2023	<u>REQUIRED EFFECTIVE DATE</u> CONCURRENT WITH KEWR GLS RWY 11, AMDT 1.	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 23-12.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JARIT/I-GPR 10.12 DME/RADAR	IF	JEENO/I-GPR 5.38 DME/RADAR					106.97	4.74 (I-GPR)	1600

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.79 NM AFTER JEENO/I-GPR 5.38 DME/RADAR OR AT I-GPR 0.59 DME

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 230 KIAS UNTIL JKLNE) CLIMB TO 2000 DIRECT ROOSO AND RIGHT TURN ON TRACK 193.67 TO JKLNE AND RIGHT TURN ON TRACK 245.29 TO JEFFB AND LEFT TURN ON TRACK 218.49 TO RAATO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT JARIT
- FAF: 106.97 FAF: JEENO/I-GPR 5.38 DME/RADAR DIST FAF TO MAP: 4.79 DIST FAF TO THLD: 4.79
- MIN ALT: JARIT/I-GPR 10.12 DME/RADAR 1600, JEENO/I-GPR 5.38 DME/RADAR 1600
- DIST TO THLD FROM OM: 4.79 MM: IM: 150 HAT: GS ANT: 1184
- MIN GS INCPT: 1600 GS ALT AT PFAF: JEENO/I-GPR 5.38 DME/RADAR 1600 OM: MM: IM:
- GS ANGLE: 3.00 34:1: 20:1: TCH: 57.1
- MSA FROM: TEB VOR/DME 2900

QUALITY
10
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

EQUIPMENT REQUIREMENTS NOTE:DME REQUIRED.
RADAR REQUIRED.**NOTES:**

CHART NOTE: CIRCLING NA SOUTH 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 NOTE: RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD W, LT, 090.00 INBOUND.
CHART FAS OBST: 327 BUILDING (34-000290) 404229N/0741209W.
CHART VDP AT 2.16 DME.
DISTANCE VDP TO THLD 1.57 NM.
FAC 109 FT L OF RWY C/L EXTENDED 3000 FT FROM THLD.
CHART CIRCLING ICON.
CHART PLANVIEW NOTE: LOC OFFSET 1.01 DEGREES.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT C 900-2 1/2, CAT D 900-2 3/4

<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 11	618	1 3/4	601	618	1 3/4	601	618	1 3/4	601	618	1 3/4	601			
S-LOC 11	660	5500	643	660	5500	643	660	1 5/8	643	660	1 5/8	643			
CIRCLING	660	1	643	660	1	643	900	2 1/2	883	900	2 3/4	883			

QUALITY
47
CHECKED

CHANGES - REASONS

- INCORPORATED APPLICABLE CHANGES FROM FDC 4/7858, 1/8883, AND 7/720.
- THROUGHOUT FORM: REMOVED ALL INTERSECTION DEFINITIONS FROM JARIT AND JEENO - PER FPT, USE OF TEB VORTAC REMOVED FROM PROCEDURE.
- TERMINAL ROUTES: CHANGED JEENO DME FROM 5.32 TO 5.38 AND DISTANCE JARIT TO JEENO FROM 4.80 TO 4.74 - TARGETS CALCULATED POSITION FOR FAF BASED ON I-GPR DESIGN TCH.
- MISSED APPROACH: CHANGED LOC MAP FROM 4.73 MILES AFTER JEENO IN/I-GPR 5.32 DME/RADAR TO 4.79 NM AFTER JEENO/I-GPR 5.38 DME/RADAR OR AT I-GPR 0.59 DME - NEW JEENO LOCATION AND REMOVED TEB VORTAC FROM PROCEDURE.
- MISSED APPROACH: CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1700 HEADING 107, AT TEB VOR/DME R-208 RIGHT TURN TO INTERCEPT TEB VOR/DME R-199 AND COL VOR/DME R-019 TO COL VOR/DME AND HOLD. AT COL 13 DME CLIMB TO 3000" TO "(DO NOT EXCEED 230 KIAS UNTIL JKLNE) CLIMB TO 2000 DIRECT ROOSO THEN RIGHT TURN ON TRACK 193.67 TO JKLNE THEN RIGHT TURN ON TRACK 245.29 TO JEFFB THEN LEFT TURN ON TRACK 218.49 TO RAATO AND HOLD." - FPT INITIATED CHANGE TO GIVE ALL RUNWAY 11 PROCEDURES AT EWR THE SAME RNAV MISSED APPROACH PROCEDURE.
- LINE 3: CHANGED JEENO DME FROM 5.32 TO 5.38 AND DIST FAF TO MAP AND DIST FAF TO THLD FROM 4.73 TO 4.79- NEW JEENO LOCATION.
- LINE 7: CHANGED TCH FROM 57.0 TO 57.1 - I-GPR DESIGN TCH.
- LINE 8: CHANGED MSA ALTITUDE FROM 3000 TO 2900 - IAW 8260.19I, 8-6-7.H.
- PBN REQUIREMENTS NOTE: ADDED RNP APCH - GPS - IAW 8260.19I, 8-6-8C(2)(A) FOR ILS OR LOC APPROACH WITH NO PBN INITIAL OR INTERMEDIATE SEGMENTS BUT PBN MISSED APPROACH SEGMENTS.
- EQUIPMENT REQUIREMENTS NOTE: ADDED RADAR REQUIRED - PER FPT. SEE EXPLANATION IN GENERAL REMARKS.
- NOTES: ADDED CIRCLING NA SOUTH OF RWY 11-29 - FPT REQUEST.
- NOTES: ADDED RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - IAW 8260.19I, 8-6-11.K.
- ADDITIONAL FLIGHT DATA: CHANGED FROM "HOLD NW, RT, 199.00 INBOUND" TO "HOLD W, LT, 090.00 INBOUND" - NEW MISSED APPROACH HOLDING.
- ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM 358 BLDG 404231N/0741207W TO 327 BUILDING (34-000290) 404229N/0741209W - CURRENT OBSTACLES.
- ADDITIONAL FLIGHT DATA: DELETED CHART 1806 BLDG 404247N0740047W - NO 7:1 OBSTACLES IN CURRENT EVALUATION.
- ADDITIONAL FLIGHT DATA: ADDED CHART VDP AT 1.57 DME AND DISTANCE VDP TO THLD 2.16 NM - IAW 8260.19I, PARA 6-8-10.M.
- ADDITIONAL FLIGHT DATA: DELETED CHART TEB R-208 AND CHART TEB R-199 IN PLANVIEW - TEB REMOVED FROM PROCEDURE.
- ADDITIONAL FLIGHT DATA: CHANGED NOTE FROM LOC OFFSET 1.02 DEGREES TO LOC OFFSET 1.01 DEGREES - CURRENT DATA AND DESIGN.
- MINIMUMS: CHANGED ALTERNATE MINIMUMS FROM "ILS, CATEGORIES A, B, C, 800-2; CATEGORY D, 900-3; LOC, CATEGORY D, 900-3" TO "ILS: STANDARD; LOC: STANDARD EXCEPT CAT C 900-2 1/2, CAT D 900-2 3/4 - CURRENT VISIBILITY TABLES.
- MINIMUMS: INCREASED S-ILS 11 DA/HAT ALL CATS FROM 603/586 TO 618/601, AND DECREASED CIRCLING MDAS/HAAS CAT A FROM 760/743 TO 660/643 AND CAT B FROM 820/803 TO 660/643 - CURRENT OBSTACLES, NEW CIRCLING RESTRICTION SOUTH OF RWYS 11/29.
- MINIMUMS: DECREASED S-ILS 11 ALL CATS FROM 2 TO 1 3/4, INCREASED S-LOC 11 VISIBILITY CATS A/B FROM 5000 RVR TO 5500 RVR AND CAT C FROM 1 1/2 TO 1 5/8 AND DECREASED VISIBILITY CAT D FROM 1 3/4 TO 1 5/8, AND DECREASED VISIBILITY CIRCLING CAT C FROM TO 2 3/4 TO 2 1/2 AND CAT D FROM 3 TO 2 3/4 - NEW HATS/HAAS AND CURRENT VISIBILITY TABLES.

05/08/23: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/30/23.
1. CHANGED S-LOC 11 MINS FROM 580/563 TO 660/643 - TARGETS DETERMINED 400' AAO RAISING LOC MINIMUMS TO 660' MSL

COORDINATED WITH:

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

FLIGHT CHECKED BY PENDING	Digitally signed by	OFFICE	DATE	TITLE
	JASON KRETSCHMER			
DEVELOPED BY DALE SICKELS	Digitally signed by	OFFICE	DATE	TITLE
	DALE P SICKELS			
APPROVED BY JASON KRETSCHMER	Digitally signed by	OFFICE	DATE	TITLE
	JASON KRETSCHMER			

