

**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> KFEP	<u>PROCEDURE NAME</u> ILS OR LOC RWY 24	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> FREEPORT	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 859	<u>TDZE</u> 847	<u>SUPERSEDED</u> ILS OR LOC RWY 24	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 03/31/2016	<u>MAG VAR</u> 0E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> I-PJE	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JVL VOR/DME	IAF	ADOSE/I-PJE 12.47 DME	NOPT				221.29	16.59	2600
ADOSE/I-PJE 12.47 DME	IF/IAF	LUNDN/I-PJE 6.37 DME					234.22	6.10 (I-PJE)	2600

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.30 NM AFTER LUNDN/I-PJE 6.37 DME OR AT I-PJE 1.07 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 2600 ON JVL VOR/DME R-221 TO ADOSE/I-PJE 12.47 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD NE ADOSE, RT, 234.22 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 5300.
3. **FAC:** 234.22 **FAF:** LUNDN/I-PJE 6.37 DME **DIST FAF TO MAP:** 5.30 **DIST FAF TO THLD:** 5.30
4. **MIN ALT:** ADOSE/I-PJE 12.47 DME 2600, LUNDN/I-PJE 6.37 DME 2600
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 765
6. **MIN GS INCPT:** 2600 **GS ALT AT FAF :** LUNDN/I-PJE 6.37 DME 2600 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 44.9
8. **MSA FROM:** JVL VOR/DME 3100 (30NM)

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.



NOTES:

CHART NOTE: VDP NA WHEN USING CHICAGO/ROCKFORD ALTIMETER SETTING.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON JVL VOR/DME AIRWAY RADIALS 238 CW 260.
 CHART NOTE: CIRCLING NA TO RWYS 13,18,31,36.
 CHART NOTE: FOR INOPERATIVE ALS WHEN USING CHICAGO/ROCKFORD ALTIMETER SETTING, INCREASE S-ILS 24 ALL CATS VISIBILITY TO 7/8 SM.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHICAGO/ROCKFORD ALTIMETER SETTING AND INCREASE DA TO 1114 FEET; INCREASE ALL MDAS 80 FEET AND S-LOC 24 VISIBILITY CAT C/D 1/8 SM AND CIRCLING CAT C 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 990 TOWER (14-3131) 421603N/0893124W.
 CHART VDP AT 2.37 DME
 DISTANCE VDP TO THLD 1.30 NM.

MINIMUMS:

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

ALTERNATE: NA

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 24	1047	1/2	200	1047	1/2	200	1047	1/2	200	1047	1/2	200				
S-LOC 24	1300	1/2	453	1300	1/2	453	1300	7/8	453	1300	7/8	453				
CIRCLING	1300	1	441	1340	1	481	1380	1 1/2	521	1440	2	581				

CHANGES - REASONS

1. REMOVED FEEDER FROM ROCKFORD VOR/DME TO ADOSE - RFD VOR/DME BEING DECOMMISSIONED.
2. REMOVED ALTERNATE MISSED APPROACH AND ASSOCIATED NOTES - RFD VOR/DME BEING DECOMMISSIONED. NO SUITABLE NAVAID AVAILABLE.
3. CHANGED MISSED APPROACH FROM "CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 2600 VIA JVL VOR/DME R-221 TO ADOSE INT/I-PJE 12.47 DME AND HOLD" TO "CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 2600 ON JVL VOR/DME R-221 TO ADOSE INT/I-PJE 12.47 DME AND HOLD" - IAW 8260.191 8-6-6.
4. ADDED EQUIPMENT REQUIREMENTS NOTE "DME REQUIRED" - INTERMEDIATE AND MISSED APPROACH SEGMENTS REQUIRE DME 8260.191, 8-6-8.A(2)(A).
5. UPDATED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECIEVED, USE ROCKFORD ALTIMETER SETTING; INCREASE ALL DA TO 1114 FT; INCREASE ALL MDA 80 FT AND S-LOC 24 CAT C/D VISIBILITY 1/8 MILE AND CIRCLING CAT C 1/4 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHICAGO/ROCKFORD ALTIMETER SETTING AND INCREASE DA TO 1114 FEET; INCREASE ALL MDAS 80 FEET AND S-LOC 24 VISIBILITY CAT C/D 1/8 SM AND CIRCLING CAT C 1/4 SM" - IAW 8260.191 8-6-11.
6. ADDED CHART NOTE: VDP NA WHEN USING CHICAGO/ROCKFORD ALTIMETER SETTING - IAW 8260.191.
7. CHANGED CHART NOTE "FOR INOPERATIVE MALSR WHEN USING ROCKFORD ALTIMETER SETTING, INCREASE S-ILS 24 ALL CATS VISIBILITY TO 7/8 MILE" TO "FOR INOPERATIVE ALS WHEN USING CHICAGO/ROCKFORD ALTIMETER SETTING, INCREASE S-ILS 24 ALL CATS VISIBILITY TO 7/8 SM - IAW 8260.191.
8. INCORPORATED P NOTAM 5/2785 AND ORIG A INTO CURRENT AMENDMENT - IAW 8260.191.
9. UPDATED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVAL ON JVL VOR/DME AIRWAY RADIALS 147 CW 278" TO "PROCEDURE NA FOR ARRIVAL ON JVL VOR/DME AIRWAY RADIALS 238 CW 260" - UPDATED AIRWAYS.
10. UPDATED FIX DESCRIPTION FOR ADOSE INT/I-PJE 12.47 DME TO ADOSE/I-PJE 12.47 DME AND LUNDN INT/I-PJE 6.37 DME TO LUNDN/I-PJE 6.37 DME - FIXES CHANGE FROM INT TO DME FIXES DUE TO ROCKFORD (RFD) VOR/DME DECOMMISSIONING.



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAU, RFD APP CON, AMGR, IL ST AERO

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020. SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by

LONNIE EVERHART

Jun 17, 2021

OFFICE

AJV-A432

DATE

05/21/2021

DEVELOPED BY

DAVID TEFFETELLER (LORRI DOWNEY)

Digitally signed by
LONNIE EVERHART

Jun 17, 2021

OFFICE

AJV-A430

DATE

TITLE
MANAGER

APPROVED BY

LONNIE EVERHART

Digitally signed by
LONNIE EVERHART

Jun 17, 2021

