

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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> 3CK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 26	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> CHICAGO/LAKE IN THE HILLS	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 887	<u>TDZE</u> 887	<u>SUPERSEDED</u> RNAV (GPS) RWY 26	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 07/18/2019
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 OCTOBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 2W
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GRIFT		EHUHY		TF	FO	1.00	096.94	35.70	2600
KRENA		IJBIJ		TF	FB	1.00	102.96	17.36	2500
IJBIJ	IAF	EHUHY	NOPT	TF	FB	1.00	171.85	5.00	2500
EHUHY	IF/IAF	UBHOD		TF	FB	1.00	261.85	5.28	2400
UBHOD	FAF	RW26	MAP	TF	FO	0.30	261.79	4.65	
RW26	MAP	1800 MSL		CA			261.79		1800
1800 MSL		EHUHY		DF	FO	1.00			2500

MISSED APPROACH

MAP:

LNAV: RW26

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 2500 DIRECT EHUHY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD E EHUHY, RT, 261.85 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 261.79	FAF: UBHOD		DIST FAF TO MAP: 4.65	DIST FAF TO THLD: 4.65	
4. MIN ALT: EHUHY 2500, UBHOD 2400					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT:	
6. MIN GP INCPT:	GP ALT AT FAF:			OM:	MM: IM:
7. GP ANGLE:	34:1: IS CLEAR	20:1: IS CLEAR	TCH:		
8. MSA FROM: RW26 2600					



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: VDP NA WHEN USING DPA ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GRIFT ON T265 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KRENA ON V24 WESTBOUND.
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE DPA ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET.

CHART SPEED ICON IN PLANVIEW AT IJBIJ: MAX 200 KIAS.

ADDITIONAL FLIGHT DATA:

FAS OBST: 1086 AAO 421345N/0881412W.
CHART 1033 TOWER (17-028592) 421342N/0881301W.
CHART VDP AT 1.31 NM TO RW26.
UBHOD TO RW26: 3.00/33.

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
LNAV MDA	1340	1	453	1340	1	453	1340	1 3/8	453		NA				

CHANGES - REASONS

- INCORPORATED CHANGES FROM PREVIOUS P-NOTAMS INTO FORM
- CHANGED GRIFT-EHUHY AND KRENA-IJBIJ RNP FROM 2.0 TO 1.0 – 8260.58C TABLE 1-2-1
- CHANGED EHUHY-UBHOD COURSE FROM 261.86 TO 261.85 AND DISTANCE FROM 5.27 TO 5.28 – UBHOD RELOCATED 33 FEET WEST
- CHANGED UBHOD-RW26 COURSE FROM 261.78 TO 261.79 AND DISTANCE FROM 4.73 TO 4.65 - UBHOD RELOCATED AND DISPLACED THRESHOLD REMOVED
- CHANGED PROFILE LINE 2 INBOUND COURSE FROM 261.86 TO 261.85 AND ADDED MAX HOLDING ALT 6000 – ALIGNMENT WITH INTERMEDIATE SEGMENT AND 8260.19J 8-6-7.B.(2)
- CHANGED PROFILE LINE 3 FAC FROM 261.78 TO 261.79, DIST FAF TO MAP FROM 4.73 TO 4.65 AND DIST FAF TO THLD FROM 4.73 TO 4.65 - UBHOD RELOCATED
- CHANGED PROFILE LINE 7 34:1 FROM “IS NOT CLEAR” TO “IS CLEAR” AND ADDED 20:1 IS CLEAR – VISUAL SURFACE EVALUATION RESULTS
- CHANGED PBN REQUIREMENTS NOTE FROM “RNP APCH” TO “RNP APCH – GPS” – 8260.19J 8-6-8
- REMOVED CHART NOTE: RWY 26 HELICOPTER VISIBILITY REDUCTION BELOW ¾ SM NOT AUTHORIZED – 34:1 SURFACE IS CLEAR
- ADDED PLANVIEW NOTE “PROCEDURE NA FOR ARRIVALS AT GRIFT ON T265 SOUTHWEST BOUND” – COURSE CHANGE EXCEEDS 90 DEGREES
- CHANGED KRENA PLANVIEW NOTE FROM “PROCEDURE NA FOR ARRIVALS AT KRENA ON V24-100-228 WESTBOUND” TO “PROCEDURE NA FOR ARRIVALS AT KRENA ON V24 WESTBOUND” – V100 AND V228 NO LONGER INCLUDE KRENA
- REMOVED VGSI AND DESCENT ANGLE NOT COINCIDENT CHART NOTE – VGSI AND DESCENT ANGLE ARE COINCIDENT
- CHANGED ALTIMETER NOTE FROM “OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE CHICAGO DUPAGE ALTIMETER SETTING” TO “OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE DPA ALTIMETER SETTING AND INCREASE ALL MDAS 60 FT” – 8260.19J 8-6-10.E.(2)
- ADDED NOTE “CHART SPEED ICON AT IJBIJ: MAX 200 KIAS” – SPEED RESTRICTION REQUIRED TO MEET LEG LENGTH CRITERIA
- ADDED CHART NOTE: VDP NA WHEN USING DPA ALTIMETER SETTING – 8260.19J 8-6-10.E.(9)
- CHANGED ADDITIONAL FLIGHT DATA FAS OBST NOTE FROM “CHART FAS OBST: 1049 TREE 421318N/0881739W” TO “FAS OBS: 1086 AAO 421345N/0881412W” – NEW OBSTACLE SURVEY
- CHANGED ADDITIONAL FLIGHT DATA 7:1 OBST NOTE FROM “CHART 1030 TWR 421242N/0885720W” TO “CHART 1033 TOWER (17-028592) 421342N/0881301W” – NEW OBSTACLE SURVEY
- ADDED ADDITIONAL FLIGHT DATA NOTE “CHART VDP AT 1.31 NM TO RW26” – 34:1 SURFACE IS CLEAR
- CHANGED VDA FROM 2.93/40 TO 3.00/33 – UPDATED VGSI DATA
- INCREASED LNAV MDA/HAT FROM 1300/413 TO 1340/453 AND CAT C VISIBILITY FROM 1 1/4 TO 1 3/8 – NEW FINAL SEGMENT CONTROLLING OBSTACLE/8260.3E TABLE 3-3-1
- REMOVED CHICAGO DUPAGE ALTIMETER SETTING LINE OF MINIMA – REMOTE ALTIMETER ADJUSTMENTS INCLUDED IN CHART NOTE



COORDINATED WITH:

A4A

☐

ALPA

☐

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: C90, AMGR, CHICAGO APP CON

FLIGHT CHECKED BY

JAMES ONIEAL

Digitally signed by
JOSEPH L ZEDER
Aug 13, 2024

OFFICE

FPO

DATE

08/11/2024

DEVELOPED BY

JON NEIDIGH

Digitally signed by
JON M NEIDIGH
Jul 16, 2024

OFFICE

AJV-A432

DATE

05/01/2024

APPROVED BY

JOSEPH L. ZEDER

Digitally signed by
JOSEPH L ZEDER
Aug 13, 2024

OFFICE

AJV-A432

DATE

TITLE
MANAGER

