

**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.

<b>AIRPORT ID</b> 3CK	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 8	<b>ORIGINAL/AMENDMENT</b> 2	<b>CITY</b> CHICAGO/LAKE IN THE HILLS	<b>STATE</b> IL
<b>AIRPORT ELEVATION</b> 887	<b>TDZE</b> 887	<b>SUPERSEDED</b> RNAV (GPS) RWY 8	<b>DATED</b> 10/31/2024	<b>MAG VAR</b> 2W
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 12 JUNE 2025	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 2000
			<b>CANCEL/SUSPEND</b>	

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
KRENA		TONIC		TF	FO	1.00	192.53	12.13	2500
NUELG	IAF	TONIC	NOPT	TF	FB	1.00	024.58	12.41	2500
ANDMY	IAF	TONIC	NOPT	TF	FB	1.00	009.70	8.11	2500
TONIC	IF/IAF	CRYSL		TF	FB	1.00	081.54	4.99	2500
CRYSL	FAF	ZINUG/1.83 NM TO RW08		TF	FB	0.30	081.63	3.14	
ZINUG/1.83 NM TO RW08		RW08	MAP	TF	FO	0.30	081.63	1.83	
RW08	MAP	1287 MSL		CA			081.63		
1287 MSL		EHUHY		DF	FO	1.00			2500

**MISSED APPROACH**

**MAP:**

LNAV: RW08

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2500 DIRECT EHUHY AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT**                      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF** (IAF)
- HOLD W** TONIC, RT, 081.54 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 081.63                      **FAF:** CRYSL                      **DIST FAF TO MAP:** 4.97                      **DIST FAF TO THLD:** 4.97
- MIN ALT:** TONIC 2500, CRYSL 2500, ZINUG/1.83 NM TO RW08 1500
- DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **GS ANT:**
- MIN GP INCPT:**                      **GP ALT AT FAF:**                      **OM:**                      **MM:**                      **IM:**
- GP ANGLE:**                      **34:1:** IS NOT CLEAR                      **20:1:** IS CLEAR                      **TCH:**
- MSA FROM:** RW08 2600



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KRENA ON V24 WESTBOUND.

**ADDITIONAL FLIGHT DATA:**

HOLD E, RT, 261.85 INBOUND.  
CHART FAS OBST: 1033 ANTENNA (17-088593) 421217N/0882157W.  
CHART 1107 TOWER (17-003607) 421139N/0882606W.  
CHART VDP AT 1.20 NM TO RW08.  
CRYSL TO RW08: 3.00/33.0.

**MINIMUMS:**

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

ALTERNATE: NA

<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>
LNAV MDA	1300	1	413	1300	1	413	1300	1 1/8	413		NA				

**CHANGES - REASONS**

ADDED NEW INITIAL LEG FROM ANDMY (420231.37N-0883424.59W) TO TONIC - ATC REQUEST.  
MOVED BACKUP ALTIMETER NOTE FROM NOTES TO PART C: GENERAL REMARKS - IAW 8260.19J 8-6-10

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA  **OTHER:** C90, AMGR, CHICAGO APP CON

**FLIGHT CHECKED BY**

MARC WEBBER  
*Digitally signed by*  
**DAVID DANNER**  
Apr 14, 2025

**OFFICE**

AJF

**DATE**

04/13/2025

**DEVELOPED BY**

JOHN BORDY (NICHOLAS HEIDERSTADT)  
*Digitally signed by*  
**DAVID DANNER**  
Apr 14, 2025

**OFFICE**

AJV-A33

**DATE**

02/14/2025

**APPROVED BY**

JOHN BORDY  
*Digitally signed by*  
**DAVID DANNER**  
Apr 14, 2025

**OFFICE**

AJV-A33

**DATE**

**TITLE**  
MANAGER

