

**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</u> AURORA MUNI	<u>AIRPORT ID</u> KARR	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> CHICAGO/AURORA	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 712	<u>TDZE</u> 707	<u>SUPERSEDED</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 12/11/2014	<u>MAG VAR</u> 1W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 JULY 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>	<u>EPOCH YEAR</u> 1990

**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>
JOT VOR/DME		CIMKO		TF	FB	2.00	040.96	8.61	2500
DPA VOR/DME		HOGIE		TF	FO	2.00	136.69	9.82	2500
CIMKO	IAF	HOGIE	NOPT	TF	FB	1.00	000.32	7.00	2500
HOGIE	IF/IAF	KAREY		TF	FB	1.00	270.32	7.00	2300
KAREY	FAF	NECLY/1.60 NM TO RW27		TF	FB	0.30	270.22	3.26	
NECLY/1.60 NM TO RW27		RW27	MAP	TF	FO	0.30	270.18	1.60	
RW27	MAP	907 MSL		CA			270.18		
907 MSL		TOBBY		DF	FO	1.00			2700

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW27

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2700 DIRECT TOBBY AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

1. **PT**      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF (IAF)**
2. HOLD E HOGIE, LT, 270.32 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 10000.
3. **FAC:** 270.22      **FAF:** KAREY                      **DIST FAF TO MAP:** 4.86                      **DIST FAF TO THLD:** 4.86
4. **MIN ALT:** HOGIE 2500, KAREY 2300, NECLY/1.60 NM TO RW27 1260\*
5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **200 HAT:** 0.49
6. **MIN GP INCPT:** 2300                      **GP ALT AT FAF :** KAREY 2300                      **OM:**                      **MM:**                      **IM:**
7. **GP ANGLE:** 3.00                      **34:1:** IS CLEAR                      **20:1:** IS CLEAR                      **TCH:** 44.6
8. **MSA FROM:** RW27 2600

**PBN EQUIPMENT REQUIREMENTS NOTES**

RNP APCH.

**NOTES:**

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON JOT VOR/DME AIRWAY RADIALS 314 CW 091.

**ADDITIONAL FLIGHT DATA:**

CHART CIRCLING ICON.  
CHART VDP AT 1.03 NM TO RW27\*  
\*LNAV ONLY  
WAAS CHANNEL #48822  
REFERENCE PATH ID: W27A  
CHART FAS OBST: 819 TREE 414614N/0882646W.  
HOLD W, RT, 089.96 INBOUND  
LTP HAE: 182.6 M

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
LPV DA	907	3/4	200	907	3/4	200	907	3/4	200	907	3/4	200			
LNAV/VNAV DA	1002	1	295	1002	1	295	1002	1	295	1002	1	295			
LNAV MDA	1080	1	373	1080	1	373	1080	1	373	1080	1	373			
CIRCLING	1200	1	488	1200	1	488	1200	1 1/2	488	1320	2	608			



**CHANGES - REASONS**

1. ALL REFERENCES TO JOLIET (JOT) VORTAC CHANGED TO JOLIET (JOT) VOR/DME - TACR PROJECT.
2. CHANGED THRE TO TDZE - P-NOTAM RNAV (GPS) RWY 27 AMDT 1A.
3. ADDED 8260.3 CHAPTER 2 CIRCLING CRITERIA/CHARTED CIRCLING ICON, CIRCLING CAT D CHANGED FROM 1280 TO 1320, HAA CHANGED FROM 568 TO 608 - APPLICATION OF CURRENT CRITERIA/ NEW CIRCLING CAT D CONTROLLING OBSTACLE.
4. CHANGED CHART NOTE FROM "CHART NOTE: DME/DME RNP 0.3 NA" WITH "PBN REQUIREMENTS NOTE RNP APCH" - PER MEMO #257.
5. ADDED 20:1 IS CLEAR TO LINE 7 - REQUIRED INFO.
6. CHANGED BARO-VNAV HIGH TEMP FROM 39C TO 54C, DELETED FARENHEIT VALUES - UPDATED FORMAT.
7. CHANGED NOTE FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHICAGO O'HARE INTL ALTIMETER SETTING AND INCREASE ALL DA 71 FEET, ALL MDA 80 FEET AND INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, AND LNAV CAT C AND D VISIBILITY 3/8 MILE" TO CONTINGENCY NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHICAGO O'HARE INTL ALTIMETER SETTING AND INCREASE ALL DA 71 FEET, ALL MDA 80 FEET AND INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, AND LNAV CAT C AND D VISIBILITY 3/8 MILE" - PRIMARY ALTIMETER ON WMSCR.
8. REMOVED CHART NOTE: VDP AND BARO-VNAV NA WITH CHICAGO O'HARE INTL ALTIMETER SETTING - MOVED TO CONTINGENCY NOTE.



COORDINATED WITH:

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER: ORD ATCT, ARR ATCT

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, DEC 22, 2017.

OFFICE

DATE

*Digitally signed by*  
**ADOLFO D URRUTIA**  
Apr 09, 2018

DEVELOPED BY

WARDELL HENNING

*Digitally signed by*  
**WARDELL HENNING**  
Mar 23, 2018

OFFICE

AJV-5433

DATE

10/19/2017

APPROVED BY

PATRICK MULQUEEN

OFFICE

AJV-5430

DATE

*Digitally signed by*  
**ADOLFO D URRUTIA**  
Apr 09, 2018

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KARR
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	414613.5095N
LTP/FTP LONGITUDE	0882741.5220W
LTP/FTP ELLIPSOIDAL HEIGHT	+01826
FPAP LATITUDE	414612.1700N
FPAP LONGITUDE	0882940.5800W
THRESHOLD CROSSING HEIGHT (TCH)	00044.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	FB470102
<u>ADDITIONAL PATH POINT RECORD INFORMATION</u>	
ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02156
FPAP ORTHOMETRIC HEIGHT	+02156

