

**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><b>AIRPORT</b></u> CHICAGO O'HARE INTL	<u><b>AIRPORT ID</b></u> KORD	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 9L	<u><b>ORIGINAL/AMENDMENT</b></u> 3B	<u><b>CITY</b></u> CHICAGO	<u><b>STATE</b></u> IL
<u><b>AIRPORT ELEVATION</b></u> 680	<u><b>TDZE</b></u> 668	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 9L	<u><b>ORIGINAL/AMENDMENT</b></u> 3A	<u><b>DATED</b></u> 10/12/2017	<u><b>MAG VAR</b></u> 3W
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 3 JANUARY 2019	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>	<u><b>EPOCH YEAR</b></u> 2010

**TERMINAL ROUTES**      THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 18-25.

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
GIBNS	IAF	JHONN		TF	FB	1.00	079.03	20.67	9000
JHONN		ESSSS		TF	FB	1.00	092.60	3.14	8000
ESSSS		VNDER		TF	FB	1.00	092.65	3.14	7000
VNDER		ILIUUM		TF	FB	1.00	092.69	3.14	6000
ILIUUM		TRYXI		TF	FB	1.00	092.68	3.13	5000
TRYXI	IF	DOOGY		TF	FB	1.00	092.80	3.14	4000
DOOGY		ZENAH		TF	FB	1.00	092.84	5.54	2300
ZENAH	FAF	OGSIE/3.30 NM TO RW09L		TF	FB	0.30	092.93	1.65	
OGSIE/3.30 NM TO RW09L		RW09L	MAP	TF	FO	0.30	092.93	3.30	
RW09L	MAP	1100 MSL		CA			092.93		1100
1100 MSL		DEERE		DF	FO	1.00			4000

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV/VNAV: DA  
 LNAV: RW09L

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 4000 DIRECT DEERE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
13  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT JHONN

3. FAC:

092.93

FAF: ZENAH

DIST FAF TO MAP: 4.95

DIST FAF TO THLD: 4.95

4. MIN ALT: JHONN 9000, ESSSS 8000, VNDR 7000, ILIUM 6000, TRYXI 5000, DOOGY 4000, ZENAH 2300, OGSIE/3.30 NM TO RW09L 1760\*

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

200 HAT: 0.45

GS ANT:

6. MIN GP INCPT:

2300

GP ALT AT FAF : ZENAH 2300

OM:

MM:

IM:

7. GP ANGLE:

3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 55.0

8. MSA FROM: RW09L 3400

PBN REQUIREMENTS NOTE:

PBN APCH.  
EQUIPMENTS REQUIREMENTS NOTE:  
RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -19C OR ABOVE 54C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.  
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 5000 AND LNAV CATS C/D VISIBILITY TO RVR 6000

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.07 NM TO RW09L\*  
\*LNAV ONLY  
WAAS CHANNEL #99508  
REFERENCE PATH ID: W09B  
CHART FAS OBST: 830 TANK 415950N/0875838W.  
CHART 1468 TOWER 420042N/0880207W.  
919 AAO 420017N/0880023W.  
HOLD NE, RT, 219.06 INBOUND  
LTP HAE: 170 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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
LPV DA	868	1800	200	868	1800	200	868	1800	200	868	1800	200			
LNAV/VNAV DA	989	3000	321	989	3000	321	989	3000	321	989	3000	321			
LNAV MDA	1080	2400	412	1080	2400	412	1080	4000	412	1080	4000	412			

QUALITY  
13  
CHECKED

**CHANGES - REASONS**

1. ADDED PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT - VGSI ADDED TO RWY.
2. DELETED CHART NOTE DME/DME RNP-0.3 NA - ADDED PBN REQUIREMENTS NOTE: RNP APCH.
3. ADDED 20:1 IS CLEAR TO PROFILE LINE 7 - IAW 8260.19H, 8-6-7G WHEN NO 20:1 PENETRATIONS.
4. ADDED LEG TYPES AND RNP VALUES TO TERMINAL ROUTES - IAW CURRENT DOCUMENTATION CRITERIA.
5. CHANGED VDP FROM 1.12 NM TO RW9L TO 1.07 NM TO RW9L - IAW 8260-3D, 2-6-5B.(1).
6. REMOVED FAHRENHEIT TEMPERATURE FROM BARO-VNAV NOTE - IAW 8260.19H, 8-6-9S.
7. DELETED PLANVIEW NOTE: RADAR REQUIRED - ADDED EQUIPMENT REQUIREMENTS NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY.
8. ADDED CHART NOTE: RWY 9L HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - 34:1 PENETRATION IDENTIFIED.

11/19/2018: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/3/2018.

1. REMOVED HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA NOTE.
2. CHANGED 34:1 FROM IS NOT CLEAR TO IS CLEAR ON LINE 7.



**COORDINATED WITH:**

**A4A** ☒    **ALPA** ☒    **AOPA** ☒    **APA** ☒    **HAI** ☐    **NBAA** ☒    **OTHER:** ZAU, CHICAGO APP CON, ORD TOWER, AMGR

**FLIGHT CHECKED BY**

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

*Digitally signed by* **OFFICE**                      **DATE**  
**BEV L BORDY**  
Nov 20, 2018

**DEVELOPED BY**

IVAN BLANCO  
*Digitally signed by*  
**IVAN BLANCO**  
Aug 14, 2018

**OFFICE**                      **DATE**  
AJV-5432                      08/14/2018

**APPROVED BY**

PATRICK MULQUEEN  
*Digitally signed by*  
**BEV L BORDY**  
Nov 20, 2018

**OFFICE**                      **DATE**                      **TITLE**  
AJV-5430                                           MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KORD
RUNWAY	RW09L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09B
LTP/FTP LATITUDE	420010.1950N
LTP/FTP LONGITUDE	0875536.0335W
LTP/FTP ELLIPSOIDAL HEIGHT	+01700
FPAP LATITUDE	420010.1780N
FPAP LONGITUDE	0875336.5275W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0464
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	ABBF9E31

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02036
FPAP ORTHOMETRIC HEIGHT	+02036

