

**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> CHICAGO O'HARE INTL	<u>AIRPORT ID</u> KORD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 9L	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> CHICAGO	<u>STATE</u> IL	
<u>AIRPORT ELEVATION</u> 680	<u>TDZE</u> 668	<u>SUPERSEDED</u> RNAV (GPS) RWY 9L	<u>ORIGINAL/AMENDMENT</u> 3D	<u>DATED</u> 03/26/2020	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 NOVEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
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		ILIUM		TF	FB	1.00	092.69	3.14	6000
ILIUM		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		OBK VOR/DME		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 OBK VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



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, VNDER 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:

RADAR REQUIRED FOR PROCEDURE ENTRY.
RNP APCH.

NOTES:

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 UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -19°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART 1468 TOWER 420042N/0880207W.
HOLD W, RT, 092.00 INBOUND.
CHART FAS OBST: 850 POLE 415952N/0875845W.
919 AAO 420016N/0880023W.
DISTANCE TO THLD FROM 200 HAT: 0.45 NM.
CHART VDP AT 1.18 NM TO RW09L*
*LNAV ONLY.
WAAS CHANNEL # 99508
REFERENCE PATH ID: W09B
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	1034	3500	366	1034	3500	366	1034	3500	366	1034	3500	366			
LNAV MDA	1100	2400	432	1100	2400	432	1100	4000	432	1100	4000	432			



CHANGES - REASONS

1. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 4000 DIRECT DEERE AND HOLD" TO "CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 4000 DIRECT OBK VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000". - PER ATC TO MATCH ILS OR LOC 9L PROC AT APT.
2. DELETED CHART NOTE "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})". - NO VGSI INSTALLED TO RWY/INCORPORATED FDC NOTAM 0/2653.
3. CHANGED LNAV/VNAV MINS FROM DA 1098/HAT 430 TO DA 1034/HAT 366 FOR ALL CATS, AND VIS FROM 4000 TO 3500 FOR ALL CATS. - NEW FINAL CONTROLLING OBSTACLE.
4. REVISED FPAP IN FAS DATA FROM 420010.1780N-0875336.5275W TO 420010.1870N-0875336.5275W. - TARGETS RECALCULATED FAS DATA VALUES
5. REVISED CRC REMAINDER IN FAS DATA FROM ABBF9E31 TO F7EA624F. - FPAP CHANGED.
6. UPDATED 7:1 OBSTACLE FROM 919 AAO 420017N/0880023W TO 919 AAO 420016N/0880023W - UPDATED MAP STUDY.

COORDINATED WITH:

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

FLIGHT CHECKED BY

SCOTT WIEBE

Digitally signed by

JOHN BORDY

Sep 09, 2020

OFFICE

FICO

DATE

9/5/2020

DEVELOPED BY

JASON KRETSCHMER

Digitally signed by

HEIDI SNIDER

Jul 22, 2020

OFFICE

AJV-A422

DATE

06/03/2020

APPROVED BY

MARLON ROBINSON

Digitally signed by

JOHN BORDY

Sep 09, 2020

OFFICE

AJV-A420

DATE

TITLE
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	420010.1870N
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	F7EA624F

ADDITIONAL PATH POINT RECORD INFORMATION

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

