

**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> KORD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 9R	<u>ORIGINAL/AMENDMENT</u> 6	<u>CITY</u> CHICAGO	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 680	<u>TDZE</u> 668	<u>SUPERSEDED</u> RNAV (GPS) RWY 9R	<u>ORIGINAL/AMENDMENT</u> 5	<u>DATED</u> 12/02/2021	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 SEPTEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GIBNS	IAF	ADLMN		TF	FB	1.00	082.14	20.44	9000
ADLMN		FOTTR		TF	FB	1.00	092.58	3.14	8000
FOTTR		WASCO		TF	FB	1.00	092.63	3.14	7000
WASCO		GEMMS		TF	FB	1.00	092.68	3.14	6000
GEMMS		CHILR		TF	FB	1.00	092.73	3.14	5000
CHILR	IF	DEVON		TF	FB	1.00	092.77	3.14	4000
DEVON		MEOWW		TF	FB	1.00	092.82	5.33	2300
MEOWW	FAF	YONUT/2.11 NM TO RW09R		TF	FB	0.30	092.90	2.83	
YONUT/2.11 NM TO RW09R		RW09R	MAP	TF	FO	0.30	092.90	2.11	
RW09R	MAP	868 MSL		CA			092.90		
868 MSL		GRABL		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW09R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT GRABL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. CHANGED RNAV (GPS) RWY 9R'S PFAF FROM LANSE TO MEOWW TO MATCH TO THE ILS OR LOC RWY 27L'S PFAF.
2. CHANGED DEVON TO NEW PFAF (MEOWW) DISTANCE TO 5.33 - NEW PFAF IS .01 NM CLOSER THAN PREVIOUS PFAF (LANSE).
3. CHANGED YONUT/2.11 NM (SDF) TO RWY 9R MINIMUM ALTITUDE FROM 1400 TO 1380 - IAW 8260.3E, 2-9-9, ADJUSTED SDF ALTITUDE TO MAINTAIN CURRENT GLIDEPATH; HENCE TO KEEP THE PROCEDURE STANDARD.
4. CHANGED 200HAT FROM 0.44 TO 0.45 - NEW TARGETS' COMPUTATION.
5. CHANGED TCH FROM 59 TO 57.6 - USED THE DESIGN TCH.
6. DELETED RADAR REQUIRED UNDER PBN REQUIREMENTS NOTE - IAW 8260.19I, 8-6-8 (B) (2), RADAR NOT REQUIRED.
7. ADDED "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW ORDER 8260.19I, 8-6-8 (M).
8. ADDED "CHART SPEED ICON IN PLANVIEW AT CHILR: MAX 230 KIAS" - IAW 8260.58B, 1-2-5, ADDED SPEED RESTRICTION, APPROVED BY ATC, TO MEET 90 DEGREE VECTOR REQUIREMENT TO "REDUCE TURN RADIUS, AVOID OBSTACLES, AND ACCOMMODATE ATC REQUEST, ETC."
9. ADDED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500" AND "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS C/D VISIBILITY TO 1 3/8 SM" - IAW ORDER 8260.19I, 8-6-11 (O).
10. UPDATED VDP NOTE IN ADDITIONAL FLIGHT DATA FROM "CHART VDP AT 1.29 NM TO RW09R*" TO "CHART VDP AT 1.22 NM TO RW09R" - VDP LOCATION CHANGED DUE TO LOWER LNAV MDA AND TCH.
11. DELETED MINIMUM VISIBILITY MEASUREMENTS IN STATUTE MILES (SM) AND REPLACED IT WITH RVR (FT) WITH APPROACH LIGHTING SYSTEM - IAW 8260.3E, 3-1-2.
12. UPDATED CRC REMAINDER FROM FA082E4E TO D2A881EC - NEW FAS DATA CALCULATIONS.

COORDINATED WITH:

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

FLIGHT CHECKED BY

JAMES ONIEAL

Digitally signed by
DONALD H LANIER

May 18, 2022

OFFICE

FPO

DATE

05/07/2022

DEVELOPED BY

DONALD H. LANIER (PARNELL PRASSADA)

Digitally signed by
DONALD H LANIER

May 18, 2022

OFFICE

AJV-A431

DATE

03/18/2022

APPROVED BY

CASIMIR TABAKA

Digitally signed by
DONALD H LANIER

May 18, 2022

OFFICE

AJV-A430

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	RW09R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	415902.0170N
LTP/FTP LONGITUDE	0875553.6480W
LTP/FTP ELLIPSOIDAL HEIGHT	+01700
FPAP LATITUDE	415902.0415N
FPAP LONGITUDE	0875324.5575W
THRESHOLD CROSSING HEIGHT (TCH)	00057.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	D2A881EC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02037
FPAP ORTHOMETRIC HEIGHT	+02037

