

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (RNP) 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 MIDWAY INTL	<u>AIRPORT ID</u> KMDW	<u>PROCEDURE NAME</u> RNAV (RNP) Y RWY 22L	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> CHICAGO	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 620	<u>TDZE</u> 611	<u>SUPERSEDED</u> RNAV (RNP) Y RWY 22L	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 11/13/2014	<u>MAG VAR</u> 4W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

**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>
STERE	IAF	TACTT		TF	FB	1.00	274.05	5.00	3000
TACTT		SAILZ		TF	FB	1.00	273.97	5.00	3000
SAILZ	IF	DXXON		TF	FB	0.90	270.63	2.59	3000
DXXON		MNDOE		TF	FB	0.90	270.23	1.80	2400
MNDOE		JIBBB		TF	FB	0.30	250.83	1.66	1900
JIBBB		YACHT	PFAF	RF	FB	0.30	(3.10 NM RADIUS CCW (CFBDN))	1.26	1500
YACHT	PFAF	RW22L	MAP	TF	FO	0.30	227.51	2.65	
RW22L	MAP	1300 MSL		CA			227.51		1300
1300 MSL		EON VORTAC		DF	FO	1.00			2600

**MISSED APPROACH**

**MAP:**  
RNP: DA

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 2600 DIRECT EON VORTAC AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	PROFILE STARTS AT SAILZ				
3. FAC:	227.51	PFAF: YACHT	DIST PFAF TO MAP:	DIST PFAF TO THLD:	
4. MIN ALT:	SAILZ 3000, DXXON 3000, MNDOE 2400, JIBBB 1900, YACHT 1500				
5. DIST TO THLD FROM PFAF:	2.65	MM:	IM:	150 HAT:	331 HAT: 0.90
6. MIN GP INCPT:	1500	GP ALT AT PFAF : YACHT 1500		OM:	MM:
7. GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR
8. MSA FROM:	RW22L 3400				
TCH: 50.0					IM:

PBN REQUIREMENTS NOTE:

RNP AR APCH.  
RF REQUIRED.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -20°C OR ABOVE 54°C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE AT STERE: (RNP 0.30).  
CHART SPEED ICON IN PLANVIEW AT SAILZ: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MINIMUM 3000 AT STERE.  
CHART MANDATORY 3000 AT TACTT.  
CHART MANDATORY 3000 AT SAILZ.  
CHART MANDATORY 3000 AT DXXON.  
CHART AT OR ABOVE 2400 AT MNDOE.  
CHART AT OR ABOVE 1500 AT YACHT.  
HOLD N, RT, 181.00 INBOUND



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
AUTHORIZATION REQUIRED															
RNP 0.18 DA	942	5000	331	942	5000	331	942	5000	331	942	5000	331			
RNP 0.30 DA	992	6000	381	992	6000	381	992	6000	381	992	6000	381			

CHANGES - REASONS

1. ADDED DXN TO INTERMEDIATE AS ADDITONAL STEPDOWN FIX WITH CROSSING ALTITUDE OF 3000 - DESIGN CHANGE REQUESTED BY ATC VIA FPT.
2. REMOVED CHART NOTE: GPS REQUIRED AND ADDED PBN CHART NOTE "RNP AR APCH" - IAW 8260.19H PARA 8-6-8B(1).
3. CHANGED BARO/VNAV TEMPS FROM BELOW -19C AND ABOVE 54C TO READ BELOW -20C AND ABOVE 54C, AND REMOVED FAHRENHEIT VALUES - IAW 8260.19H PARA 8-6-9S.
4. CHANGED RNP 0.18 DA/HAT FROM 951/340 TO 942/331 - NEW CONTROLLING OBSTRUCTION.
5. CHANGED RNP 0.30 DA/HAT FROM 1001/390 TO 992/381 - NEW CONTROLLING OBSTRUCTION.
6. CHANGED RNP 0.18 VISIBILITY FROM 1 1/8 SM TO RVR 5000 - RVR SENSORS NOW EXIST PER AIRNAV DATA.
7. CHANGED RNP 0.30 VISIBILTiy FROM 1 1/4 SM TO RVR 6000 - RVR SENSORS EXIST NOW PER AIRNAV DATA.
8. REMOVED MAX SPEED AT YACHT 210 KIAS - NOT NEEDED.
9. REMOVED ENTIRE ROUTE FROM MIING (IF) TO YACHT (PFAF) AND IT'S ASSOCIATED NOTES/DATA - ATC/FPT REQUEST TO MAKE THAT ROUTE A SEPARATE RNP PROCEDURE.
10. CHANGED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT TO READ "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19H PARA 8-6-9M(2).
11. CHANGED FAF FIX NAME FROM KEEEL TO MNDOE - FPT REQUESTED NAME CHANGE.

COORDINATED WITH:

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

FLIGHT CHECKED BY GREG BAUR	Digitally signed by <b>DAVID DANNER</b> Dec 12, 2019	OFFICE FICO	DATE 12/7/19	
DEVELOPED BY JOHN LINDSEY	Digitally signed by <b>DAVID DANNER</b> Dec 12, 2019	OFFICE AJV-5421	DATE 08/30/2019	
APPROVED BY MARLON ROBINSON	Digitally signed by <b>DAVID DANNER</b> Dec 12, 2019	OFFICE AJV-5420	DATE	TITLE MANAGER

