

**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 ID</u> KMDW	<u>PROCEDURE NAME</u> RNAV (RNP) Y RWY 31C	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> CHICAGO	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 620	<u>TDZE</u> 613	<u>SUPERSEDED</u> RNAV (RNP) Y RWY 31C	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 06/20/2019	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 2015
<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**

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 20-21

<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>
HILLS	IAF	GLEAM		TF	FB	1.00	317.72	3.14	4000
GLEAM	IF	RUNTS		TF	FB	1.00	317.68	4.71	2500
RUNTS		HOBEL	PFAF	TF	FB	1.00	317.63	2.51	1700
TWEEN	IF	PRIUS		TF	FB	1.00	046.29	3.70	2900
PRIUS		HOBEL	PFAF	RF	FB	1.00	(2.44 NM RADIUS CCW (CFBKN))	3.78	1700
HOBEL	PFAF	RW31C	MAP	TF	FO	0.30	317.61	3.27	
RW31C	MAP	1100 MSL		CA			317.61		1100
1100 MSL		EON VORTAC		DF	FO	1.00			2600

**MISSED APPROACH**

**MAP:**

RNP: DA

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 2600 DIRECT EON VORTAC AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
18  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT HOBEL

3. FAC: 317.61

PFAF: HOBEL

DIST PFAF TO MAP:

DIST PFAF TO THLD:

4. MIN ALT: HOBEL 1700

5. DIST TO THLD FROM OM: 3.27

MM:

IM:

150 HAT:

416 HAT: 1.16

GS ANT:

6. MIN GP INCPT: 1700

GP ALT AT PFAF : HOBEL 1700

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 47.9

8. MSA FROM: RW31C 3400

PBN REQUIREMENTS NOTE:

RNP AR APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -20°C OR ABOVE 54°C.  
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE ADJACENT TO TWEEN: RF REQUIRED.  
CHART SPEED ICON IN PLANVIEW AT HILLS: MAX 240 KIAS.  
CHART SPEED ICON IN PLANVIEW AT TWEEN: MAX 210 KIAS.  
CHART PLANVIEW NOTE AT PRIUS: MAX 210 KIAS UNTIL HOBEL.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 5000 AT HILLS.  
CHART MANDATORY 4000 AT TWEEN.  
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 0.30 DA	1029	6000	416	1029	6000	416	1029	6000	416	1029	6000	416			

**CHANGES - REASONS**

DELETED KEMPZ TO TWEEN INITIAL SEGMENT AND ASSOCIATED DATA - FPT/ATC REQUEST.

CHANGED CHART PLANVIEW NOTE ADJACENT TO KEMPZ: RF REQUIRED TO CHART PLANVIEW NOTE ADJACENT TO TWEEN: RF REQUIRED.

DELETED ADDITIONAL FLIGHT DATA NOTE CHART MANDATORY 5000 AT KEMPZ.

ADDED CHART PLANVIEW NOTE CHART SPEED ICON IN PLANVIEW AT HILLS: MAX 240 KIAS - FPT/ATC REQUEST.

ADDED CHART PLANVIEW NOTE CHART PLANVIEW NOTE ADJACENT TO TWEEN: MAX 210 KIAS UNTIL HOBEL - FPT/ATC REQUEST.

09/11/20: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/09/20.

1. ADDED ADDITIONAL FLIGHT DATA NOTE CHART MANDATORY 4000 AT TWEEN.

2. AIRPORT NAME AND DISTANCE TO THLD DATA REMOVED FROM 8260-3 PER SIAP UPDATE.

3. CHANGED NOTE FROM CHART SPEED ICON IN PLANVIEW AT HILLS: MIN 240 KIAS TO CHART SPEED ICON IN PLANVIEW AT HILLS: MAX 240 KIAS.

**COORDINATED WITH:****A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ORD APP CON, MDW ATCT, ZAU ARTCC, APT MGR**FLIGHT CHECKED BY**

GREGORY SCOTT WIEBE

*Digitally signed by***DONALD H LANIER**

Sep 23, 2020

**OFFICE**

FIOG

**DATE**

08/20/2020

**DEVELOPED BY**

ROBERT GRIM

*Digitally signed by***ROBERT GRIM**

Sep 14, 2020

**OFFICE**

AJV-A431

**DATE**

06/26/2020

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by***DONALD H LANIER**

Sep 23, 2020

**OFFICE**

AJV-A430

**DATE****TITLE**

MANAGER

