

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV - 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.

AIRPORT	AIRPORT ID KORD	PROCEDURE NAME RNAV (RNP) Y RWY 27L	ORIGINAL/AMENDMENT AMDT 2	CITY CHICAGO	STATE IL
AIRPORT ELEVATION 680	TDZE 654	SUPERSEDED RNAV (RNP) Y RWY 27L	ORIGINAL/AMENDMENT AMDT 1	DATED 10/15/2015	MAG VAR 3W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 2 DECEMBER 2021	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2010	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
VOGLR	IAF	NRMAH		TF	FB	1.0	280.58	17.29	9000
NRMAH		JOEBO		TF	FB	1.0	273.39	3.14	8000
JOEBO		GRABL		TF	FB	1.0	273.35	3.14	7000
GRABL		RIPPR		TF	FB	1.0	273.30	3.14	6000
RIPPR		BASHH		TF	FB	1.0	273.25	3.14	5000
BASHH	IF	EBENS		TF	FB	1.0	273.21	3.14	4000
EBENS		TAFFS		TF	FB	1.0	273.16	5.95	2200
TAFFS	PFAF	RW27L	MAP	TF	FO	0.3	273.07	4.68	
RW27L	MAP	WASCO		TF	FO	1.0	273.00	21.55	4000

MISSED APPROACH

MAP:

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 ON TRACK 273.00 TO WASCO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** **(IAF)**
2. PROFILE STARTS AT NRMAH
3. **FAC:** 273.07 **PFAF:** TAFFS **DIST PFAF TO MAP:** **DIST PFAF TO THLD:**
4. **MIN ALT:** NRMAH 9000, JOEBO 8000, GRABL 7000, RIPPR 6000, BASHH 5000, EBENS 4000, TAFFS 2200
5. **DIST TO THLD FROM PFAF:** 4.68 **MM:** **IM:** **150 HAT:** **335 HAT:** 0.88
6. **MIN GP INCPT:** 2200 **GP ALT AT PFAF:** TAFFS 2200 **MM:** **IM:**

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 58.0

8. MSA FROM: RW27L 3400

PBN EQUIPMENT REQUIREMENTS NOTES:

RNP AR APCH - GPS

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED. SIMULTANEOUS OPERATIONS REQUIRE USE OF VERTICAL GUIDANCE; MAINTAIN LAST ASSIGNED ALTITUDE UNTIL ESTABLISHED ON GLIDEPATH.

CHART SPEED ICON IN PLANVIEW AT BASHH: MAX 230 KIAS.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT {VGSI ANGLE (ANGLE) /TCH (FEET)}.

CHART NOTE: FOR UNCOMPENSATE BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -19C OR ABOVE 54C.

CHART PLANVIEW NOTE: RADAR REQUIRED.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 092.68 INBOUND

NON-FAA PROCEDURE

MINIMUMS:

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

ALTERNATE: NA STANDARD

CATEGORY:

FINAL TYPE	A			B			C			D			E		
	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 0.15	989	2600	335	989	2600	335	989	2600	335	989	2600	335			
RNP 0.30	1133	5000	479	1133	5000	479	1133	5000	479	1133	5000	479			

CHANGES - REASONS

REMOVED GPS REQUIRED NOTE AND REPLACED WITH 8260.19I PARA 8-6-8 PBN NOTE

UPDATED SIMULTANEOUS NOTE TO NEW REQUIREMENT IN 8260.19I PARA 8-6-11 O (8)

LOWERED RNP 0.15 DA/HAT 992/338 TO 989/335 AND RVR 3000 TO RVR 2600, BASED ON NEW FINAL EVALUATION FOR THLD MOVE

LOWERED RNP 0.30 DA/HAT 1162/508 TO 1133/479 AND VISIBILITY 1 1/4 TO RVR 5000

ADDED MAXIMUM 230 SPEED ICON AT BASHH TO ALLOW RADAR VECTORS WITH GIVEN LEG LENGTHS.

DISTANCE BETWEEN EBENS AND TAFFS CHANGED FROM 5.89 TO 5.95 DUE TO THE REPOSITIONING OF TAFFS

FINAL LENGTH DECREASED FROM 4.69 TO 4.68, BASED ON NEW THLD LOCATION AND TCH COMPUTATIONS

DA TO THLD CHANGED FROM .90 TO .88, 3 FT REDUCTION IN DA.

AIRPORT

AIRPORT ID

KORD

PROCEDURE NAME
RNAV (RNP) Y RWY 27L

ORIGINAL/AMENDMENT

AMDT 2

CITY
CHICAGO

STATE
IL

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER:

FLIGHT CHECKED BY

CHRIS BAUR



DEVELOPED BY

TONY R LAWSON



APPROVED BY

BRIAN BERUBEE



OFFICE

HAC

DATE

10/02/2021

OFFICE

HAC

DATE

5/31/2021

OFFICE

HAC

DATE

10/20/2021

TITLE

CHIEF DESIGNER