

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) PRM 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) PRM Y RWY 28L (CLOSE PARALLEL)	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> CHICAGO	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 680	<u>TDZE</u> 667	<u>SUPERSEDED</u> RNAV (GPS) PRM Y RWY 28L	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 11/10/2016	<u>MAG VAR</u> 3W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 SEPTEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>	<u>EPOCH YEAR</u> 2010

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>
VOGLR	IAF	SYNTH		TF	FB	1.00	271.65	17.19	9000
SYNTH		TAGPE		TF	FB	1.00	275.76	3.14	8000
TAGPE		UCXOR		TF	FB	1.00	275.71	3.14	7000
UCXOR		VIOLS		TF	FB	1.00	275.67	3.14	6000
VIOLS		WODRO		TF	FB	1.00	275.52	3.14	5000
WODRO	IF	XOGDY		TF	FB	1.00	275.59	3.14	4000
XOGDY		YOYUK		TF	FB	1.00	275.55	6.43	2200
YOYUK	PFAF	(CFDZQ)	MAP	TF	FO	0.30	275.45	4.67	
(CFDZQ)	MAP	1200 MSL		CA			275.45		1200
1200 MSL		CGT VORTAC		TF	FO				4000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 4000 DIRECT CGT VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT SYNTH

3. FAC:

275.45

PFAF: YOYUK

DIST PFAF TO MAP:

DIST PFAF TO THLD:

4. MIN ALT: SYNTH 9000, TAGPE 8000, UCXOR 7000, VIOLS 6000, WODRO 5000, XOGDY 4000, YOYUK 2200

5. DIST TO THLD FROM OM:

4.67

MM:

IM:

150 HAT:

250 HAT: 0.57

6. MIN GP INCPT:

2200

GP ALT AT PFAF : YOYUK 2200

OM:

MM:

IM:

7. GP ANGLE:

3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 55.0

8. MSA FROM: (CFDZQ) 3400

PBN EQUIPMENT REQUIREMENTS NOTES

RNP APCH.
RADAR REQUIRED.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C OR ABOVE 54C.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED. USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS. DUAL VHF COMM REQUIRED. SEE ADDITIONAL REQUIREMENTS ON AAUP.

ADDITIONAL FLIGHT DATA:

CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 2.50 DEGREES.
DISTANCE TO THLD FROM 250 HAT: 0.57 NM.
WAAS CHANNEL #93839
REFERENCE PATH ID: W28E
FAC CROSSES RWY C/L EXTENDED 2563 FT FROM THLD.
HOLD SE, RT, 336.00 INBOUND
FTP HAE: 167 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	917	2400	250	917	2400	250	917	2400	250	917	2400	250			
LNAV/VNAV DA	1090	4000	423	1090	4000	423	1090	4000	423	1090	4000	423			



AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
CHICAGO O'HARE INTL	KORD	RNAV (GPS) PRM Y RWY 28L (CLOSE PARALLEL)	ORIG-A	CHICAGO	IL

CHANGES - REASONS

- 1. UPDATED LNAV/VNAV DA/HAT FROM 995/328 TO 1090/423 AND VISIBILITY FROM RVR 3000 TO RVR 4000. - NEW CONTROLLING OBSTACLE LLWAS TOWER.
- 2. REPLACED NOTE "DME/DME RNP-0.3 NA" WITH "PBN REQUIREMENTS NOTE: RNP APCH". - 8260-19H 8-6-8.
- 3. UPDATED DISTANCE TO THLD NOTE FROM 250 HAT FROM 0.64 TO 0.57. - PER CALCULATED DISTANCE.
- 4. REPLACED NOTE "CHART PLANVIEW NOTE: RADAR REQUIRED" WITH "PBN REQUIREMENTS NOTE: RADAR REQUIRED". - IAW 8260.19H 8-6-8.
- 5. COMBINED NOTES "USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS" AND "SIMULTANEOUS APPROACH AUTHORIZED. DUAL VHF COMM REQUIRED. SEE ADDITIONAL REQUIRMENTS ON AAUP" INTO "SIMULTANEOUS APPROACH AUTHORIZED. USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS. DUAL VHF COMM REQUIRED. SEE ADDITIONAL REQUIREMENTS ON AAUP". - IAW 8260.19H 8-6-9P.
- 6. ADDED 20:1 IS CLEAR TO LINE 7. -IAW 8260.19H 8-6-7G(3).
- 7. UPDATED TEMPERATURE NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C OR ABOVE 54C". - IAW 8260.19H 8-6-9.



COORDINATED WITH:

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

FLIGHT CHECKED BY

SHAWN D MAXWELL

DEVELOPED BY

ADOLFO URRUTIA (CHRISTINE BAYSE)

APPROVED BY

PATRICK MULQUEEN

Digitally signed by
DONALD H LANIER
Aug 02, 2018

Digitally signed by
DONALD H LANIER
Aug 02, 2018

Digitally signed by
DONALD H LANIER
Aug 02, 2018

OFFICE

FICO

OFFICE

AJV-5432

OFFICE

AJV-5430

DATE

6/23/18

DATE

03/19/2018

DATE

TITLE

MANAGER



AIRPORT
CHICAGO O'HARE INTL

AIRPORT ID
KORD

PROCEDURE NAME
RNAV (GPS) PRM Y RWY 28L
(CLOSE PARALLEL)

ORIGINAL/AMENDMENT
ORIG-A

CITY
CHICAGO

STATE
IL

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KORD
RUNWAY	RW28L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28E
LTP/FTP LATITUDE	415727.1900N
LTP/FTP LONGITUDE	0875400.9740W
LTP/FTP ELLIPSOIDAL HEIGHT	+00167
FPAP LATITUDE	415730.8745N
FPAP LONGITUDE	0875600.2945W
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	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 CRC REMAINDER	 2CAD5AF2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02006
FPAP ORTHOMETRIC HEIGHT	+02006

