

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
FNUCH (IAF)	NOLEN (FB)	222.72 / 6.91	5000	LPV: DA LNAV/VNAV: DA LNAV: RW22R
NOLEN (IF)	RIDGE (FB)	222.66 / 10.36	2200	
RIDGE (FAF)	PALIE/1.70 NM TO RW22R (FB)	222.54 / 3.02		CLIMB TO 4000 DIRECT EVRSN AND ON TRACK 262.70 TO DPA VOR/DME AND HOLD.
PALIE/1.70 NM TO RW22R	RW22R (MAP) (FO)	222.51 / 1.70		
RW22R (MAP)	848 MSL	222.51		
848 MSL	EVRSN (FB)			ADDITIONAL FLIGHT DATA: HOLD W, RT, 068.00 INBOUND. CHART FAS OBST: 773 TANK 415925N/0875318W CHART 888 BLDG 420221N/0875052W. DISTANCE TO THLD FROM 200 HATH: 0.47 NM. CHART VDP AT 1.02 MILES TO RW22R* *LNAV ONLY. WAAS CHANNEL # 90504 REFERENCE PATH ID: W22A LTP HAE: 163.8 M
EVRSN	DPA VOR/DME (FO)	262.70 / 18.02	4000	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT FNUCH
3. FAC: 222.54 FAF: RIDGE DIST FAF TO MAP: 4.72 THLD: 4.72
4. MIN. ALT: FNUCH 7000, NOLEN 5000, RIDGE 2200, PALIE/1.70 NM TO RW22R 1200*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2200 GS ALT AT: RIDGE 2200 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 49.3 34:1 IS CLEAR
8. MSA FROM: RW22R 3400

MAG VAR: 3W EPOCH YEAR: 2010

MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		STANDARD			
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	848	2400	200	848	2400	200	848	2400	200	848	2400	200			
LNAV/VNAV DA	968	3200	320	968	3200	320	968	3200	320	968	3200	320			
LNAV MDA	1040	2400	392	1040	2400	392	1040	3500	392	1040	3500	392			
CIRCLING	1220	1	548	1220	1	548	1220	1 1/2	548	1240	2	568			

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 39C (102F).
 CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 22L.
 CHART NOTE: DME/DME RNP-0.3 NA.
 (SEE FORM 8260-10)

CITY AND STATE CHICAGO, IL	ELEVATION: 672 THRE: 648 AIRPORT NAME: CHICAGO O'HARE INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22R, AMDT 2 31 MAY 2012	SUP: AMDT: 1B DATED 02/12/2009
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

NOTES, (CONT.):

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

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	AIRPORT NAME: CHICAGO O'HARE INTL			AMDT: 1B
				DATED: 02/12/2009

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RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KORD
RUNWAY	RW22R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	415951.1340N
LTP/FTP LONGITUDE	0875346.9355W
LTP/FTP ELLIPSOIDAL HEIGHT	+01638
FPAP LATITUDE	415842.3400N
FPAP LONGITUDE	0875502.9300W
THRESHOLD CROSSING HEIGHT (TCH)	00049.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0464
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER 21BC90AA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01974
FPAP ORTHOMETRIC HEIGHT	+01974

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FNUCH	FNUCH	010	IAF	IF		FB				AA 37000	
	FNUCH	NOLEN	020		TF		FB	1.0	222.7 (219.7T)	006.9	AA 35000	
		NOLEN	010	FACF	IF		FB				AA 35000	
		RIDGE	020	FAF	TF		FB	0.5	222.7 (219.7T)	010.4	AA 32200	
		PALIE	021	SDF	TF		FB	0.3	222.5 (219.5T)	003.0	AA 31200	GS 01238
		RW22R	030	MAP	TF		FO	0.3	222.5 (219.5T)	001.7	AT 30697	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		222.5 (219.5T)		AA 30848	
	EVRSN	050		DF		FB					
	DPA	060		TF		FO	1.0	262.7 (259.7T)		AA 34000	
	DPA	070		HM	R	FO		068.0 (065.0T)	004.0	AA 34000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DPA	N415325.30	W0882100.62	N4153.422	W08821.010
	EVRSN	N415641.18	W0875716.62	N4156.686	W08757.277
	FNUCH	N421647.81	W0873456.27	N4216.797	W08734.938
	NOLEN	N421128.79	W0874052.51	N4211.480	W08740.875
	PALIE	N420109.86	W0875219.90	N4201.164	W08752.332
	RIDGE	N420329.66	W0874945.14	N4203.494	W08749.752
	RW22R	N415951.13	W0875346.94	N4159.852	W08753.782

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22R	00648	49

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