

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.												
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW04R  CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 4000 DIRECT LAIRD AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.  ADDITIONAL FLIGHT DATA: HOLD E, RT, 270.92 INBOUND. CHART FAS OBST: 905 TOWER 415522N/0875654W CHART FAS OBST: 809 TWR 415703N/0875451W DISTANCE TO THLD FROM 200 HATH: 0.46 NM. CHART VDP AT 1.40 MILES TO RW04R* *LNAV ONLY. WAAS CHANNEL # 81929 REFERENCE PATH ID: W04A LTP HAE: 168 M						
SIRCO (IAF)		LIARR (FB)		044.25 / 3.77				7000								
LIARR		HEALY (FB)		044.29 / 6.91				5000								
HEALY (IF)		BTKUS (FB)		044.35 / 3.45				4000								
BTKUS		FORTZ (FB)		044.39 / 6.91				2200								
FORTZ (FAF)		RW04R (MAP) (FO)		044.45 / 4.67												
RW04R (MAP)		1200 MSL		044.45				1200								
1200 MSL		LAIRD (FO)						4000								
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. PROFILE STARTS AT SIRCO 3. FAC: 044.45 FAF: FORTZ DIST FAF TO MAP: 4.67 THLD: 4.67 4. MIN. ALT: SIRCO 8000, LIARR 7000, HEALY 5000, BTKUS 4000, FORTZ 2200 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 2200 GS ALT AT: FORTZ 2200 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 51.9 34:1 IS CLEAR 8. MSA FROM: RW04R 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	861	2400	200	861	2400	200	861	2400	200	861	2400	200				
LNAV/VNAV DA	990	3200	329	990	3200	329	990	3200	329	990	3200	329				
LNAV MDA	1160	2400	499	1160	2400	499	1160	5000	499	1160	5000	499				
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 4L. CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10)																
CITY AND STATE CHICAGO, IL		ELEVATION: 672 THRE: 661 AIRPORT NAME: CHICAGO O'HARE INTL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4R, AMDT 1 31 MAY 2012				SUP: AMDT: ORIG-D DATED 03/08/2012						

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

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

CITY AND STATE

CHICAGO, IL

ELEVATION: 672

THRE: 661

AIRPORT NAME:

CHICAGO O'HARE INTL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4R, AMDT 1

31 MAY 2012

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0  
SBAS SERVICE PROVIDER IDENTIFIER 0  
AIRPORT IDENTIFIER KORD  
RUNWAY RW04R  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR 0  
REFERENCE PATH IDENTIFIER (APPROACH ID) W04A  
LTP/FTP LATITUDE 415711.9780N  
LTP/FTP LONGITUDE 0875357.9055W  
LTP/FTP ELLIPSOIDAL HEIGHT +01680  
FPAP LATITUDE 415818.7300N  
FPAP LONGITUDE 0875238.7600W  
THRESHOLD CROSSING HEIGHT (TCH) 00051.9  
TCH UNITS SELECTOR (METERS OR FEET USED) F  
GLIDEPATH ANGLE (GPA) 03.00  
COURSE WIDTH AT THRESHOLD 106.75  
LENGTH OFFSET 0288  
HORIZONTAL ALERT LIMIT (HAL) 40.0  
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

679E6640

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5  
LTP ORTHOMETRIC HEIGHT +02015  
FPAP ORTHOMETRIC HEIGHT +02015

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CHICAGO, IL

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RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4R, AMDT 1

31 MAY 2012

SUP:

AMDT: ORIG-D

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## RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KORDK5FR04R	ASIRCO	010SIRCOK5EA0E	A	IF				+ 08000	18000			A JS	
SUSAP KORDK5FR04R	ASIRCO	020LIARRK5EA0E		010TF		04430038		+ 07000				A JS	
SUSAP KORDK5FR04R	ASIRCO	030HEALYK5EA0EE	B	010TF		04430069		+ 05000				A JS	
SUSAP KORDK5FR04R	R	010HEALYK5EA0E	I	IF				+ 05000	18000			A JS	
SUSAP KORDK5FR04R	R	011BTKUSK5EA0E	S	051TF		04440035		+ 04000				A JS	
SUSAP KORDK5FR04R	R	020FORTZK5EA1E	F	051TF		04440069		+ 02200			RW04R K5PGA	JS	
SUSAP KORDK5FR04R	R	020FORTZK5EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KORDK5FR04R	R	030RW04RK5PGOGY	M	031TF		04450047		00713		-300		A JS	
SUSAP KORDK5FR04R	R	040		0 M	CA	0445		+ 01200				A JS	
SUSAP KORDK5FR04R	R	050LAIRDK5EA0EY	R	DF				+ 04000				A JS	
SUSAP KORDK5FR04R	R	060LAIRDK5EA0EE	R	HM		27090050		+ 04000				A JS	

[illegible][illegible][illegible]

CITY AND STATE  CHICAGO, IL	ELEVATION: 672	THRE: 661	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 4R, AMDT 1	AMDT: ORIG-D
	CHICAGO O'HARE INTL		RNAV	31 MAY 2012	DATED: 03/08/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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SUSAP KORDK5SRW04RK5PG

0 18018003425

M

CITY AND STATE  
CHICAGO, IL

ELEVATION: 672 THRE: 661  
AIRPORT NAME:  
CHICAGO O'HARE INTL

FACILITY  
IDENTIFIER:  
  
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PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
RNAV (GPS) RWY 4R, AMDT 1  
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**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
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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
	SIRCO	SIRCO	010	IAF	IF		FB				AA 08000	
	SIRCO	LIARR	020		TF		FB	1.0	044.3 (041.3T)	003.8	AA 07000	
	SIRCO	HEALY	030		TF		FB	1.0	044.3 (041.3T)	006.9	AA 05000	
		HEALY	010	FACF	IF		FB				AA 05000	
		BTKUS	011	SDF	TF		FB	0.5	044.4 (041.4T)	003.5	AA 04000	
		FORTZ	020	FAF	TF		FB	0.5	044.4 (041.4T)	006.9	AA 02200	
		RW04R	030	MAP	TF		FO	0.3	044.5 (041.5T)	004.7	AT 00713	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		044.5 (041.5T)		AA 01200	
	LAIRD	050		DF	R	FO				AA 04000	
	LAIRD	060		HM	R	FO		270.9 (267.9T)	005.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BTKUS	N414831.06	W0880413.37	N4148.518	W08804.223
	FORTZ	N415342.00	W0875806.47	N4153.700	W08758.108
	HEALY	N414555.48	W0880716.44	N4145.925	W08807.274
	LAIRD	N415900.68	W0873537.33	N4159.011	W08735.622
	LIARR	N414044.11	W0881321.81	N4140.735	W08813.364
	SIRCO	N413754.14	W0881640.67	N4137.902	W08816.678
	RW04R	N415711.98	W0875357.91	N4157.200	W08753.965

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04R	00661	52

CITY AND STATE <b>CHICAGO, IL</b>	ELEVATION: <b>672</b> THRE: <b>661</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>CHICAGO O'HARE INTL</b>		<b>RNAV (GPS) RWY 4R, AMDT 1</b>	AMDT: <b>ORIG-D</b>
			<b>31 MAY 2012</b>	DATED: <b>03/08/2012</b>