

<b>RNAV - STANDARD</b> <b>INSTRUMENT APPROACH PROCEDURE</b> <b>TITLE 14 CFR PART 97.33</b>							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: RW28L  CLIMB 1200 THEN CLIMBING LEFT TURN TO 4000 DIRECT CGT VORTAC AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD SE, RT, 336.00 INBOUND. CHART FAS OBST: 807 TOWER 415719N/0875153W DISTANCE TO THLD FROM 200 HAT: 0.48 NM. CHART VDP AT 1.09 MILES TO RW28L* *LNAV ONLY. WAAS CHANNEL # 65837 REFERENCE PATH ID: W28D LTP HAE: 167 M						
VOGLR (IAF)		LYSIN (FB)		275.46 / 17.17			9000								
LYSIN		KEGNE (FB)		273.28 / 3.14			8000								
KEGNE		JAVON (FB)		273.23 / 3.14			7000								
JAVON		HANSO (FB)		273.18 / 3.14			6000								
HANSO		FITAR (FB)		273.14 / 3.14			5000								
FITAR (IF)		CAKOS (FB)		273.09 / 3.14			4000								
CAKOS		PONCC (FB)		273.04 / 6.43			2200								
(SEE FORM 8260-10)															
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 LYSIN 3. FAC: <u>272.95</u> FAF: <u>PONCC</u> DIST FAF TO MAP: <u>4.67</u> THLD: <u>4.67</u> 4. MIN. ALT: LYSIN 9000, KEGNE 8000, JAVON 7000, HANSO 6000, FITAR 5000, CAKOS 4000, PONCC 2200, (SEE FORM 8260-10) 5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u> 6. MIN GS INCPT: <u>2200</u> GS ALT AT: <u>PONCC 2200</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW28L 3400</u>															
										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	867	2400	200	867	2400	200	867	2400	200	867	2400	200			
LNAV/VNAV DA	995	3000	328	995	3000	328	995	3000	328	995	3000	328			
LNAV MDA	1060	2400	393	1060	2400	393	1060	3500	393	1060	3500	393			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F). (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 680 TDZE: 667			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP:			
CHICAGO, IL		AIRPORT NAME:					RNAV (GPS) RWY 28L, ORIG					AMDT: NONE			
		CHICAGO O'HARE INTL					15 OCTOBER 2015					DATED			



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

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LINE 4, (CONT.):  
ALKYL/1.80 NM TO RW28L 1280\*

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PONCC (FAF)	ALKYL/1.80 NM TO RW28L (FB)	272.95 / 2.87	
ALKYL/1.80 NM TO RW28L	RW28L (MAP) (FO)	272.95 / 1.80	
RW28L (MAP)	1200 MSL	272.95	1200
1200 MSL	CGT VORTAC (FO)		4000

NOTES, (CONT.):

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

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

CHART PLANVIEW NOTE: RADAR REQUIRED.

QUALITY  
25  
CHECKED

CITY AND STATE  
CHICAGO, IL

ELEVATION: 680 TDZE: 667  
AIRPORT NAME:  
CHICAGO O'HARE INTL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 28L, ORIG  
15 OCTOBER 2015

SUP:  
AMDT: NONE  
DATED:

**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	RW28L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28D
LTP/FTP LATITUDE	415726.0865N
LTP/FTP LONGITUDE	0875401.0355W
LTP/FTP ELLIPSOIDAL HEIGHT	+01670
FPAP LATITUDE	415725.8825N
FPAP LONGITUDE	0875600.4565W
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	0464
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 220595E3

**ADDITIONAL PATH POINT RECORD INFORMATION**

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

QUALITY  
25  
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CITY AND STATE  CHICAGO, IL	ELEVATION: 680 AIRPORT NAME:  CHICAGO O'HARE INTL	TDZE: 667   RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 28L, ORIG  15 OCTOBER 2015	SUP:
				AMDT: NONE
				DATED:

<b>U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</b> <b>RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE</b> <b>FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33</b>												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.				
ARINC SUMMARY - KORD																
ROUTES																
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE		
VOGLR	010	VOGLR	IF	FB										E A		
VOGLR	020	LYSIN	TF	FB	1.0	275.5						AA 09000		E		
VOGLR	030	KEGNE	TF	FB	1.0	273.3						AA 08000		E		
VOGLR	040	JAVON	TF	FB	1.0	273.2						AA 07000		E		
VOGLR	050	HANSO	TF	FB	1.0	273.2						AA 06000		E		
VOGLR	060	FITAR	TF	FB	1.0	273.1						AA 05000		EE B		
	010	FITAR	IF	FB								AA 05000		E I		
	011	CAKOS	TF	FB	0.5	273.1						AA 04000		E		
	020	PONCC	TF	FB	0.5	273.0				RW28L		AA 02200		E F		
	021	ALKYL	TF	FB	0.3	273.0		3.00				AA 01280 GS 01286		E S		
	030	RW28L	TF	FO	0.3	273.0		3.00				AT 00713		GY M		
	040		CA	FB		273.0						AA 01200		M		
	050	CGT	DF	FO					L			AA 04000		VY		
	060	CGT	HM	FO		336.0			R			AA 04000		VE		
POINTS																
POINT NAME					LATITUDE		LONGITUDE									
CGT					N413036.02		W0873417.57									
ALKYL					N415726.29		W0875136.29									
CAKOS					N415726.54		W0873908.50									
FITAR					N415726.32		W0873456.00									
HANSO					N415725.94		W0873043.51									
JAVON					N415725.41		W0872631.03									
KEGNE					N415724.72		W0872218.58									
LYSIN					N415723.88		W0871806.13									
PONCC					N415726.50		W0874745.53									
VOGLR					N415642.00		W0865507.00									
RUNWAYS																
RUNWAY					THRESHOLD LATITUDE					THRESHOLD LONGITUDE					THRESHOLD ELEVATION	PROCEDURE TCH
RW28L					N415726.09						W0875401.04				00658	55

QUALITY  
25  
CHECKED

CITY AND STATE <b>CHICAGO, IL</b>	ELEVATION: <b>680</b> <b>TDZE: 667</b> AIRPORT NAME: <b>CHICAGO O'HARE INTL</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 28L, ORIG</b> 15 OCTOBER 2015	SUP: AMDT: <b>NONE</b> DATED: