

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
ZEBKO (IAF)	HILLS (FB)	314.89 / 16.89	5000	LPV: DA LNAV/VNAV: DA LNAV: RW31C											
HILLS	GLEAM (FB)	314.71 / 2.90	4000												
CGT VORTAC (IAF)	GLEAM (FB)	358.32 / 9.19	4000	CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 2100 DIRECT IGECY, TO CROSS IGECY AT 2100, THEN CLIMB TO 2600 ON TRACK 184.02 TO EON VORTAC AND HOLD.											
GLEAM (IF)	RUNTS (FB)	314.68 / 4.40	2500												
RUNTS	HOBEL (FB)	314.63 / 2.54	1700	ADDITIONAL FLIGHT DATA: HOLD N, RT, 181.00 INBOUND. CHART FAS OBST: 762 ANT ON OL TWR 414718N/0874419W CHART: 838 TOWER 414415N/0874201W. DISTANCE TO THLD FROM 250 HATH: 0.63 NM. CHART VDP AT 1.08 MILES TO RW31C* *LNAV ONLY. WAAS CHANNEL # 50512 REFERENCE PATH ID: W31A LTP HAE: 153.1 M CHART MANDATORY 2100 AT IGECY.											
HOBEL (FAF)	RW31C (MAP) (FO)	314.61 / 3.27													
RW31C (MAP)	1100 MSL	314.61	1100												
(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)				MAG VAR: 1W EPOCH YEAR: 1985											
2. PROFILE STARTS AT GLEAM															
3. FAC: <u>314.61</u> FAF: HOBEL DIST FAF TO MAP: <u>3.27</u> THLD: <u>3.27</u>															
4. MIN. ALT: GLEAM 4000, RUNTS 2500, HOBEL 1700															
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>1700</u> GS ALT AT: HOBEL 1700 OM: <u> </u> MM: <u> </u> IM: <u> </u>															
7. GS ANGLE: <u>3.00</u> TCH: <u>47.9</u> 34:1 IS NOT CLEAR															
8. MSA FROM: RW31C 3400															
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	862	4000	250	862	4000	250	862	4000	250	862	4000	250			
LNAV/VNAV DA	923	5000	311	923	5000	311	923	5000	311	923	5000	311			
LNAV MDA	1020	5500	408	1020	5500	408	1020	6000	408	1020	6000	408			
CIRCLING	1120	1	500	1120	1	500	1120	1 1/2	500	1180	2	560			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 620 THRE: 612		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
CHICAGO, IL		AIRPORT NAME: CHICAGO MIDWAY INTL				RNAV (GPS) RWY 31C, AMDT 2 10 JANUARY 2013				AMDT: 1					
										DATED 05/07/2009					

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
1100 MSL	IGECY (FB)		2100
IGECY	EON VORTAC (FO)	184.02 / 19.95	2600

NOTES, (CONT.):

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.

CHART NOTE: CIRCLING TO RWY 4L/13C/13L/31R NA AT NIGHT.

QUALITY
8
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CITY AND STATE

CHICAGO, IL

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RNAV

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RNAV (GPS) RWY 31C, AMDT 2

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

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FAS DATA BLOCK INFORMATIONDATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KMDW
RW31C
0
0
W31A
414650.0035N
0874444.1175W
+01531
414751.4300N
0874610.4300W
00047.9
F
03.00
106.75
0976
40.0
50.0

CRC REMAINDER

FAA65098

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+01865
+01865

CITY AND STATE

CHICAGO, IL

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THRE: 612

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CHICAGO MIDWAY INTL

FACILITY
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PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31C, AMDT 2

10 JANUARY 2013

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KMDWK5FR31C	ACGT	010CGT	K5D	0V	A	IF			18000		A	JS
SUSAP	KMDWK5FR31C	ACGT	020GLEAMK5EA0EE	B	010TF		35830092	+	04000			A	JS
SUSAP	KMDWK5FR31C	AZEBKO	010ZEBKOK5EA0E	A	IF					18000		A	JS
SUSAP	KMDWK5FR31C	AZEBKO	020HILLSK5EA0E		010TF		31490169	+	05000			A	JS
SUSAP	KMDWK5FR31C	AZEBKO	030GLEAMK5EA0EE	B	010TF		31470029	+	04000			A	JS
SUSAP	KMDWK5FR31C	R	010GLEAMK5EA0E	I	IF			+	04000	18000		A	JS
SUSAP	KMDWK5FR31C	R	011RUNTSK5EA0E	S	051TF		31470044	+	02500			A	JS
SUSAP	KMDWK5FR31C	R	020HOBELK5EA1E	F	051TF		31460025	+	01700		RW31C	K5PGA	JS
SUSAP	KMDWK5FR31C	R	020HOBELK5EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KMDWK5FR31C	R	030RW31CK5PG0GY	M	031TF		31460033		00660	-300		A	JS
SUSAP	KMDWK5FR31C	R	040		0	M	CA	3146	+	01100		A	JS
SUSAP	KMDWK5FR31C	R	050IGECYK5EA0E		L	DF			02100			A	JS
SUSAP	KMDWK5FR31C	R	060EON	K5D	0VY		010TF	1840	+	02600		A	JS
SUSAP	KMDWK5FR31C	R	070EON	K5D	0VE	R	HM	18100040	+	02600		A	JS

[illegible]

CITY AND STATE CHICAGO, IL	ELEVATION: 620	THRE: 612	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 31C, AMDT 2	AMDT: 1
	CHICAGO MIDWAY INTL	RNAV	10 JANUARY 2013	DATED: 05/07/2009	

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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[illegible]

CITY AND STATE
CHICAGO, IL

ELEVATION: 620	THRE: 612
AIRPORT NAME: CHICAGO MIDWAY INTL	

FACILITY
IDENTIFIER:
| RNAV

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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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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CGT	CGT	010	IAF	IF		FB					
	CGT	GLEAM	020		TF		FB	1.0	358.3 (357.3T)	009.2	AA 04000	
	ZEBKO	ZEBKO	010	IAF	IF		FB					
	ZEBKO	HILLS	020		TF		FB	1.0	314.9 (313.9T)	016.9	AA 05000	
	ZEBKO	GLEAM	030		TF		FB	1.0	314.7 (313.7T)	002.9	AA 04000	
		GLEAM	010	FACF	IF		FB				AA 04000	
		RUNTS	011	SDF	TF		FB	0.5	314.7 (313.7T)	004.4	AA 02500	
		HOBEL	020	FAF	TF		FB	0.5	314.6 (313.6T)	002.5	AA 01700	
		RW31C	030	MAP	TF		FO	0.3	314.6 (313.6T)	003.3	AT 00660	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		314.6 (313.6T)		AA 01100	
	IGECY	050		DF	L	FB				AT 02100	
	EON	060		TF		FO	1.0	184.0 (183.0T)		AA 02600	
	EON	070		HM	R	FO		181.0 (180.0T)	004.0	AA 02600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CGT	N413036.02	W0873417.57	N4130.600	W08734.293
	EON	N411610.68	W0874727.79	N4116.178	W08747.463
	GLEAM	N413947.15	W0873451.94	N4139.786	W08734.866
	HILLS	N413746.89	W0873204.13	N4137.782	W08732.069
	HOBEL	N414434.81	W0874134.43	N4144.580	W08741.574
	IGECY	N413606.87	W0874604.24	N4136.115	W08746.071
	RUNTS	N414249.48	W0873906.88	N4142.825	W08739.115
	ZEBKO	N412605.11	W0871550.23	N4126.085	W08715.837
	RW31C	N414650.00	W0874444.12	N4146.833	W08744.735

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31C	00612	48

QUALITY
4
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