

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.											
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW32 CLIMB TO 3000 DIRECT WERUL AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 136.89 INBOUND. CHART FAS OBST: 1209 TREE 445830N/0961024W DISTANCE TO THLD FROM 200 HATH: 0.49 NM. WAAS CHANNEL # 53530 REFERENCE PATH ID: W32A LTP HAE: 302.6 M											
CLAPS (IAF)	ZIRER (NOPT) (FB)	243.67 / 32.08	3000												
RISLE (IAF)	ZIRER (NOPT) (FB)	337.64 / 10.77	3000												
ZIRER (IF/IAF)	LALRE (FB)	317.13 / 6.10	2600												
LALRE (FAF)	YIYNO/1.60 NM TO RW32 (FB)	317.07 / 3.04													
YIYNO/1.60 NM TO RW32	RW32 (MAP) (FO)	317.04 / 1.60													
RW32 (MAP)	1278 MSL	317.04													
1278 MSL	WERUL (FO)		3000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)				MAG VAR: 3E EPOCH YEAR: 2015											
2. HOLD SE ZIRER, RT, 317.13 INBOUND, 3000 FT. IN LIEU OF PT (IAF)															
3. FAC: 317.07 FAF: LALRE DIST FAF TO MAP: 4.64 THLD: 4.64															
4. MIN. ALT: ZIRER 3000, LALRE 2600, YIYNO/1.60 NM TO RW32 1620*															
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:															
6. MIN GS INCPT: 2600 GS ALT AT: LALRE 2600 OM: MM: IM:															
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR															
8. MSA FROM: RW32 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	1278	1	200	1278	1	200	1278	1	200		NA				
LNAV/VNAV DA	1359	1	281	1359	1	281	1359	1	281		NA				
LNAV MDA	1460	1	382	1460	1	382	1460	1 1/8	382		NA				
CIRCLING	1640	1	557	1640	1	557	1640	1 1/2	557		NA				
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING APPLETON MUNI ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE APPLETON MUNI ALTIMETER SETTING AND INCREASE ALL DA 46 FT, INCREASE ALL MDA 60 FT, AND VISIBILITY LNAV/VNAV ALL CATS TO 1 1/8 MILE, (SEE FORM 8260-10)															
CITY AND STATE MADISON, MN		ELEVATION: 1083 THRE: 1078 AIRPORT NAME: LAC QUI PARLE COUNTY		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, ORIG 15 NOVEMBER 2012				SUP:					
										AMDT:		NONE			
										DATED					

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

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NOTES, (CONT.):

LNAV CAT C TO 1 3/8 MILE, CIRCLING CAT C TO 1 3/4 MILE.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

*LNAV ONLY

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT RISLE ON V24-398 EASTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT CLAPS ON V78 EASTBOUND.

QUALITY
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CHECKED

CITY AND STATE MADISON, MN	ELEVATION: 1083	THRE: 1078	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, ORIG 15 NOVEMBER 2012	SUP:
	AIRPORT NAME: LAC QUI PARLE COUNTY	AMDT: NONE			
	DATED:				

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	KDXX
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	445858.9550N
LTP/FTP LONGITUDE	0961029.5020W
LTP/FTP ELLIPSOIDAL HEIGHT	+03026
FPAP LATITUDE	450007.2200N
FPAP LONGITUDE	0961150.1800W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1744
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

EB16ACAE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03286
FPAP ORTHOMETRIC HEIGHT	+03286

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CITY AND STATE

MADISON, MN

ELEVATION: 1083

THRE: 1078

AIRPORT NAME:

LAC QUI PARLE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, ORIG

15 NOVEMBER 2012

SUP:

AMDT: NONE

DATED:

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KDXXX3FR32	ACLAPS	010CLAPSK3EA0E	A	IF						18000		A	JS
SUSAP KDXXX3FR32	ACLAPS	020ZIRERK3EA0EE	B	010TF			24370321	+	03000			A	JS
SUSAP KDXXX3FR32	ARISLE	010RISLEK3EA0E	A	IF						18000		A	JS
SUSAP KDXXX3FR32	ARISLE	020ZIRERK3EA0EE	B	010TF			33760108	+	03000			A	JS
SUSAP KDXXX3FR32	AZIRER	010ZIRERK3EA0EE	AR	HF			31710040	+	03000	18000		A	JS
SUSAP KDXXX3FR32	R	010ZIRERK3EA0E	I	IF				+	03000	18000		A	JS
SUSAP KDXXX3FR32	R	020LALREK3EA1E	F	051TF			31710061	+	02600		RW32	K3PGA	JS
SUSAP KDXXX3FR32	R	020LALREK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KDXXX3FR32	R	021YIYNOK3EA0E	S	031TF			31710030	V	0162001633		-300		A
SUSAP KDXXX3FR32	R	030RW32 K3PG0GY	M	031TF			31700016		01123		-300		A
SUSAP KDXXX3FR32	R	040	0	M	CA		3170	+	01278				A
SUSAP KDXXX3FR32	R	050WERULK3EA0EY		DF				+	03000				A
SUSAP KDXXX3FR32	R	060WERULK3EA0EE	R	HM			13690040	+	03000				A

[illegible][illegible]

SUP:	
AMDT:	NONE
DATED:	

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MSA 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KDXXXK3SRW32 K3PG 0 18018003425 M

QUALITY
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CHECKS

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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
	CLAPS	CLAPS	010	IAF	IF		FB					
	CLAPS	ZIRER	020		TF		FB	1.0	243.7 (246.7T)	032.1	AA 03000	
	RISLE	RISLE	010	IAF	IF		FB					
	RISLE	ZIRER	020		TF		FB	1.0	337.6 (340.6T)	010.8	AA 03000	
	ZIRER	ZIRER	010	IAF	HF	R	FO		317.1 (320.1T)	004.0	AA 03000	
		ZIRER	010	FACF	IF		FB				AA 03000	
		LALRE	020	FAF	TF		FB	0.5	317.1 (320.1T)	006.1	AA 02600	
		YIYNO	021	SDF	TF		FB	0.3	317.1 (320.1T)	003.0	AA 01620 GS 01633	
		RW32	030	MAP	TF		FO	0.3	317.0 (320.0T)	001.6	AT 01123	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		317.0 (320.0T)		AA 01278	
	WERUL	050		DF		FO				AA 03000	
	WERUL	060		HM	R	FO		136.9 (139.9T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CLAPS	N450334.50	W0951923.36	N4503.575	W09519.389
	LALRE	N445525.69	W0960617.87	N4455.428	W09606.298
	RISLE	N444035.32	W0955546.42	N4440.589	W09555.774
	WERUL	N450737.17	W0962043.94	N4507.620	W09620.732
	YIYNO	N445745.40	W0960902.63	N4457.757	W09609.044
	ZIRER	N445044.81	W0960047.55	N4450.747	W09600.793
	RW32	N445858.96	W0961029.50	N4458.983	W09610.492

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	01078	45

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	AIRPORT NAME: LAC QUI PARLE COUNTY	RNAV	RNAV (GPS) RWY 32, ORIG 15 NOVEMBER 2012	AMDT: NONE
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