

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 NOTE: FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO RVR 5000 AND LNAV CAT E VISIBILITY TO 1 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LYDIA ON V505 SOUTHBOUND AND ON V26 WESTBOUND.



CITY AND STATE MINNEAPOLIS, MN	ELEVATION: 842 THRE: 832 AIRPORT NAME: MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4, AMDT 2A 6 FEBRUARY 2014	SUP:
				AMDT: 2
				DATED: 05/02/2013

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	KMSP
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	445230.9790N
LTP/FTP LONGITUDE	0931402.7265W
LTP/FTP ELLIPSOIDAL HEIGHT	+02263
FPAP LATITUDE	445336.9700N
FPAP LONGITUDE	0931229.8300W
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	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

86949AAF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02535
FPAP ORTHOMETRIC HEIGHT	+02535

QUALITY
CHECKED

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KMSPK3FR04	ALYDIA	010LYDIAK3EA0E	A	IF						18000		A	JS
SUSAP KMSPK3FR04	ALYDIA	020KETAMK3EA0EE	B	010TF		01900090		+ 02600				A	JS
SUSAP KMSPK3FR04	R	010KETAMK3EA0E	I	IF				+ 02600		18000		A	JS
SUSAP KMSPK3FR04	R	020IGEPYK3EA1E	F	051TF		04490063		+ 02300			RW04	K3PGA	JS
SUSAP KMSPK3FR04	R	020IGEPYK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KMSPK3FR04	R	030RW04 K3PGOGY	M	031TF		04500044		00887		-300		A	JS
SUSAP KMSPK3FR04	R	040	0	M	CA	0450		+ 01300				A	JS
SUSAP KMSPK3FR04	R	050GEP	K3D	Ovy	L	DF		+ 03000				A	JS
SUSAP KMSPK3FR04	R	060GEP	K3D	Ove	L	HM		+ 03000				A	JS
						11700040							

[illegible][illegible][illegible]

CITY AND STATE MINNEAPOLIS, MN	ELEVATION: 842	THRE: 832	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 4, AMDT 2A	SUP:
	AIRPORT NAME: MINNEAPOLIS-ST PAUL INTL/WOLD- CHAMBERLAIN			6 FEBRUARY 2014	AMDT: 2
					DATED: 05/02/2013

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SUSAP KMSPK3SRW04 K3PG

0 18018003525

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CITY AND STATE
MINNEAPOLIS, MN

ELEVATION: 842 THRE: 832
AIRPORT NAME:
MINNEAPOLIS-ST PAUL INTL/WOLD-
CHAMBERLAIN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
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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
	LYDIA	LYDIA	010	IAF	IF		FB					
	LYDIA	KETAM	020		TF		FB	1.0	019.0 (019.0T)	009.0	AA 02600	
		KETAM	010	FACF	IF		FB				AA 02600	
		IGEPY	020	FAF	TF		FB	0.5	044.9 (044.9T)	006.3	AA 02300	
		RW04	030	MAP	TF		FO	0.3	045.0 (045.0T)	004.4	AT 00887	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		045.0 (045.0T)		AA 01300	
	GEP	050		DF	L	FO				AA 03000	
	GEP	060		HM	L	FO		117.0 (117.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GEP	N450844.47	W0932223.45	N4508.741	W09322.391
	IGEPY	N444922.61	W0931827.29	N4449.377	W09318.455
	KETAM	N444457.00	W0932439.07	N4444.950	W09324.651
	LYDIA	N443629.40	W0932844.19	N4436.490	W09328.737
	RW04	N445230.98	W0931402.73	N4452.516	W09314.046

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00832	55



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