

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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	
RWF VOR/DME	PELBE (FO)	274.63 / 39.23	3200	LPV: DA LNAV/VNAV: DA LNAV: RW12
CARIT (IAF)	PELBE (NOPT) (FB)	044.63 / 9.75	3200	
PELBE (IF/IAF)	HIBUM (FB)	124.75 / 6.43	2600	CLIMB TO 3000 DIRECT BOPMY AND HOLD.
HIBUM (FAF)	DABLE/2.00 NM TO RW12 (FB)	124.85 / 2.30		
DABLE/2.00 NM TO RW12	RW12 (MAP) (FO)	124.87 / 2.00		ADDITIONAL FLIGHT DATA: HOLD SE, RT, 305.06 INBOUND. CHART FAS OBST: 1309 TREE 442753N/0955022W DISTANCE TO THLD FROM 200 HATH: 0.47 NM. CHART VDP AT 1.03 MILES TO RW12* *LNAV ONLY. WAAS CHANNEL # 82106 REFERENCE PATH ID: W12A LTP HAE: 333.6 M
RW12 (MAP)	1383 MSL	124.87		
1383 MSL	BOPMY (FO)		3000	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW PELBE, RT, 124.75 INBOUND, 3200 FT. IN LIEU OF PT (IAF)
- FAC: 124.85 FAF: HIBUM DIST FAF TO MAP: 4.30 THLD: 4.30
- MIN. ALT: PELBE 3200, HIBUM 2600, DABLE/2.00 NM TO RW12 1860*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2600 GS ALT AT: HIBUM 2600 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 49.2 34:1 IS CLEAR
- MSA FROM: RW12 3800

MAG VAR: 5E

EPOCH YEAR: 1995

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	1383	1/2	200	1383	1/2	200	1383	1/2	200	1383	1/2	200			
LNAV/VNAV DA	1490	1/2	307	1490	1/2	307	1490	1/2	307	1490	1/2	307			
LNAV MDA	1560	1/2	377	1560	1/2	377	1560	5/8	377	1560	5/8	377			
CIRCLING	1640	1	457	1640	1	457	1640	1 1/2	457	1740	2	557			

NOTES:
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING TRACY MUNI ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 36C (96F).
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TRACY MUNI ALTIMETER SETTING AND INCREASE ALL DA 58 FEET AND ALL MDA 60 FEET. INCREASE LNAV/VNAV AND LNAV CATS C/D VISIBILITY TO 3/4 MILE.
 (SEE FORM 8260-10)

CITY AND STATE MARSHALL, MN	ELEVATION: 1183 THRE: 1183 AIRPORT NAME: SOUTHWEST MINNESOTA RGNL MARSHALL/RYAN FLD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12, AMDT 1 3 MAY 2012	SUP:
				AMDT: ORIG
				DATED 04/10/2008

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NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CARIT ON V26 WESTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON REDWOOD FALLS VOR/DME AIRWAY RADIALS 185 CW 005.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAC CATS C/D VISIBILITY TO 1 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING TRACY MUNI ALTIMETER SETTING, INCREASE LPV ALL CATS TO 7/8 MILE.

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMML
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	442730.8030N
LTP/FTP LONGITUDE	0955017.1525W
LTP/FTP ELLIPSOIDAL HEIGHT	+03336
FPAP LATITUDE	442633.6400N
FPAP LONGITUDE	0954841.7400W
THRESHOLD CROSSING HEIGHT (TCH)	00049.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0552
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

35BCE73B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03605
FPAP ORTHOMETRIC HEIGHT	+03605

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[illegible]

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SUSAP KMMLK3GRW12 0072211249 N44273080W095501715-0100 +0333601183000049100I

SUSAP KMMLK3PR12	RW12 001	0000W12A0N4427308030W09550171525+033360300N4426336400W09548417400106750552000492F40035035BCE73B
SUSAP KMMLK3PR12	RW12 002E	+03605+03605LPV 82106

SUSAP KMMLK3SRW12 K3PG 0 18018003825

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