

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR 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.													
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW15 CLIMB TO 2900 DIRECT ANIMY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 330.65 INBOUND. CHART FAS OBST: 1138 TRMSN TWR 441450N/0935606W DISTANCE TO THLD FROM 353 HAT: 0.96 NM. WAAS CHANNEL # 45615 REFERENCE PATH ID: W15A							
GADGY (IAF)		HIBOG (NOPT) (FB)		240.56 / 5.00				2700									
LEPAC (IAF)		HIBOG (NOPT) (FB)		060.42 / 5.00				2700									
HIBOG (IF/IAF)		DIKGO (FB)		150.49 / 6.25				2600									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW HIBOG, RT, 150.49 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 150.54 FAF: DIKGO <u> </u> DIST FAF TO MAP: <u>4.75</u> THLD: <u>4.75</u> 4. MIN. ALT: HIBOG 2700, DIKGO 2600 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>2600</u> GS ALT AT: DIKGO <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>48.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>										MAG VAR: 4E		EPOCH YEAR: 1985					
MINIMUMS																	
TAKEOFF:		STANDARD		X		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	1373	1 1/4	353	1373	1 1/4	353	1373	1 1/4	353	1373	1 1/4	353					
LNAV/VNAV DA	1416	1 1/2	396	1416	1 1/2	396	1416	1 1/2	396	1416	1 1/2	396					
LNAV MDA	1400	1	380	1400	1	380	1400	1	380	1400	1 1/4	380					
CIRCLING	1440	1	419	1480	1	459	1480	1 1/2	459	1580	2	559					
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING WASECA ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10																	
CITY AND STATE				ELEVATION: 1021 TDZE: 1020				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
MANKATO, MN				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 15, ORIG				AMDT: NONE	
				MANKATO RGNL								24 SEP 2009				DATED	

QUALITY
1
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NOTES CONT.

CHART NOT: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE WASECA ALTIMETER SETTING AND INCREASE ALL DA 57 FEET AND ALL MDA 60 FEET AND INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, AND LNAV CATS C/D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	060/30 CW 241/30 (NOPT)	HIBOG (IF/IAF) (FB)	2700
2.	241/30 CW 331/30	GADGY (IAF) (FB)	2800
3.	331/30 CW 060/30	LEPAC (IAF) (FB)	3200

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CITY AND STATE

MANKATO, MN

ELEVATION: 1021 TDZE: 1020

AIRPORT NAME:

MANKATO RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 15, ORIG

24 SEP 2009

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KMKT
RUNWAY RW15
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W15A
LTP/FTP LATITUDE 441359.5180N
LTP/FTP LONGITUDE 0935528.7705W
LTP/FTP ELLIPSOIDAL HEIGHT +02821
FPAP LATITUDE 441239.0500N
FPAP LONGITUDE 0935435.5700W
THRESHOLD CROSSING HEIGHT (TCH) 00048.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0736
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

5639F223

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +03105
FPAP ORTHOMETRIC HEIGHT +03105

QUALITY
4
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CITY AND STATE MANKATO, MN	ELEVATION: 1021 TDZE: 1020 AIRPORT NAME: MANKATO RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, ORIG 24 SEP 2009	SUP:
				AMDT: NONE
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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	GADGY	GADGY	010	IAF	IF		FB				
	GADGY	HIBOG	020		TF		FB	1.0	240.6 (245T)	005.0	02700
	HIBOG	HIBOG	010	IAF	HF	R	FO		150.5 (155T)	004.0	02700
	LEPAC	LEPAC	010	IAF	IF		FB				
	LEPAC	HIBOG	020		TF		FB	1.0	060.4 (064T)	005.0	02700
		HIBOG	010	FACF	IF		FB				02700
		DIKGO	020	FAF	TF		FB	0.5	150.5 (155T)	006.3	02600
		RW15	030	MAP	TF		FO	0.3	150.5 (155T)	004.8	01067

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ANIMY	040		DF		FO	1.0			02900
	ANIMY	050		HM	R	FO	2.0	330.7 (335T)	004.0	02900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANIMY	N440304.39	W0934816.87	N4403.073	W09348.281
	DIKGO	N441816.99	W0935819.27	N4418.283	W09358.321
	GADGY	N442604.42	W0935546.19	N4426.074	W09355.770
	HIBOG	N442355.39	W0940204.07	N4423.923	W09402.068
	LEPAC	N442146.02	W0940821.49	N4421.767	W09408.358
	RW15	N441359.52	W0935528.77	N4413.992	W09355.480

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	01019	48

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