

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**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		
UBG VOR/DME	OZIER (FO)	113.12 / 4.41	3800	LPV: DA LNAV/VNAV: DA LNAV: RW22	
BTG VORTAC (IAF)	TOCBU (NOPT) (FB)	187.22 / 24.76	3100	CLIMB TO 4900 DIRECT OVUGE THEN VIA 218.16 TRACK TO PUCIV AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4900.	
TOCBU	OZIER (FB)	187.03 / 4.90	2900		
RAWER (IAF)	OZIER (NOPT) (FB)	293.25 / 6.10	2900		
OZIER (IF/IAF)	UNECE (FB)	218.36 / 2.54	2500		
UNECE	LIYEV (FB)	218.33 / 3.81	1900	ADDITIONAL FLIGHT DATA: HOLD SW, LT, 037.98 INBOUND. CHART FAS OBST: 339 TREE 451243N/1230651W CHART 1019 TREE 451602N/1230331W. DISTANCE TO THLD FROM 313 HAT: 0.81 NM. CHART VDP AT 1.65 MILES TO RW22* *LNAV ONLY. WAAS CHANNEL # 50309 REFERENCE PATH ID: W22A	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD NE OZIER, RT, 218.36 INBOUND, 2900 FT. IN LIEU OF PT (IAF)

3. FAC: 218.27 FAF: LIYEV DIST FAF TO MAP: 5.21 THLD: 5.21

4. MIN. ALT: OZIER 2900, UNECE 2500, LIYEV 1900, KIGKE/2.80 NM TO RW22 1100*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:

6. MIN GS INCPT: 1900 GS ALT AT: LIYEV 1900 OM: MM: IM:

7. GS ANGLE: 3.00 TCH: 56.6 34:1 IS CLEAR

8. MSA FROM: RW22 4800

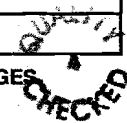
MAG VAR: 19E EPOCH YEAR: 1990

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	474	1/2	313	474	1/2	313	474	1/2	313	474	1/2	313				
LNAV/VNAV DA	633	1 1/4	472	633	1 1/4	472	633	1 1/4	472	633	1 1/4	472				
LNAV MDA	740	1/2	579	740	1/2	579	740	1	579	740	1 1/4	579				
CIRCLING	740	1	577	740	1	577	760	1 1/2	597	880	2 1/4	717				

NOTES:
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1.
 CHART NOTE: BARO-VNAV NA WHEN USING AURORA STATE ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 SEE 8260-10

@ CAT D 800-2 1/4
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE MC MINNVILLE, OR	ELEVATION: 163 TDZE: 161 AIRPORT NAME: MC MINNVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, ORIG 25 SEP 2008	SUP: AMDT: NONE DATED
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NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT UBG VOR/DME VIA V500 WESTBOUND AND ARRIVALS ON BTG VORTAC AIRWAY RADIALS 160 CW 194.

*LNAV ONLY

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING AURORA STATE ALTIMETER SETTING INCREASE LPV VISIBILITY ALL CATS TO 1 1/4.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AURORA STATE ALTIMETER SETTING AND INCREASE ALL DA AND MDA 60 FEET, INCREASE ALL VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WHEN USING AURORA STATE ALTIMETER SETTING.

CITY AND STATE

MC MINNVILLE, OR

ELEVATION: 163

TDZE: 161

AIRPORT NAME:

MC MINNVILLE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 22, ORIG

25 SEP 2008

SUP:

AMDT:

NONE

DATED:

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMMV
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	451159.3100N
LTP/FTP LONGITUDE	1230749.8400W
LTP/FTP ELLIPSOIDAL HEIGHT	+00266
FPAP LATITUDE	451130.0500N
FPAP LONGITUDE	1230854.0300W
THRESHOLD CROSSING HEIGHT (TCH)	00056.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	103.25
LENGTH OFFSET	0016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

B85F00F0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+00489
FPAP ORTHOMETRIC HEIGHT	+00489

CITY AND STATE MC MINNVILLE, OR	ELEVATION: 163 TDZE: 161	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, ORIG 25 SEP 2008	SUP:
	AIRPORT NAME: MC MINNVILLE MUNI			AMDT: NONE
	DATED:			

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KMMVK1FR22	ABTG	010BTG	K1D	OV	A	IF				18000		A	JS
SUSAP KMMVK1FR22	ABTG	011TOCBUK1EA0E			020TF		18720248	+	03100			A	JS
SUSAP KMMVK1FR22	ABTG	020OZIERK1EA0EE			010TF		18700049	+	02900			A	JS
SUSAP KMMVK1FR22	ARAWER	010RAWERK1EA0E	A		IF					18000		A	JS
SUSAP KMMVK1FR22	ARAWER	020OZIERK1EA0EE			010TF		29330061	+	02900			A	JS
SUSAP KMMVK1FR22	AUBG	010UBG	K1D	OV		IF				18000		A	JS
SUSAP KMMVK1FR22	AUBG	020OZIERK1EA0EY	A		020TF		11310044	+	03800			A	JS
SUSAP KMMVK1FR22	AUBG	030OZIERK1EA0EB	CR		HF		21840040	+	02900			A	JS
SUSAP KMMVK1FR22	R	010OZIERK1EA0E	I		IF			+	02900	18000		A	JS
SUSAP KMMVK1FR22	R	011UNECEK1EA0E	S		051TF		21840025	+	02500			A	JS
SUSAP KMMVK1FR22	R	020LIYEVK1EA1E	F		051TF		21830038	+	01900		RW22	K1PGA	JS
SUSAP KMMVK1FR22	R	020LIYEVK1EA2WALPV				ALNAV/VNAV	ALNAV						JS
SUSAP KMMVK1FR22	R	021KIGKEK1EA0E	S		031TF		21830024	V	0110001117	-300		A	JS

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				AMDT: NONE
				DATED: <i>10/1/08</i>

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21830028	00218	-300	A JS
	+ 04900		A JS
2182	+ 04900		A JS
03800050	+ 04900		A JS

SUSAP KMMVK1GRW22 0054202182 N45115931W123074984+0000 +00266001610000571501

SUSAP KMMVK1PR22	RW22	001	0000W22A0N4511593100W123074984C0+002660300N4511300500W12308540300103250016000566F400500B85F00F0
SUSAP KMMVK1PR22	RW22	002E	+00489+00489LPV 50309 000

SUSAP KMMVK1SRW22 K1PG 0 18018004825 M

SUP:	
AMDT:	NONE
DATED:	11/1/11

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BTG	BTG	010	IAF	IF		FB				
	BTG	TOCBU	011		TF		FB	2.0	187.2(206T)	024.8	03100
	BTG	OZIER	020		TF		FB	1.0	187.0(206T)	004.9	02900
	RAWER	RAWER	010	IAF	IF		FB				
	RAWER	OZIER	020		TF		FB	1.0	293.3(312T)	006.1	02900
	UBG	UBG	010		IF		FB				
	UBG	OZIER	020	IAF	TF		FO	2.0	113.1(132T)	004.4	03800
	UBG	OZIER	030		HF	R	FO		218.4(237T)	004.0	02900
		OZIER	010	FACF	IF		FB				02900
		UNECE	011	SDF	TF		FB	0.5	218.4(237T)	002.5	02500
		LIYEV	020	FAF	TF		FB	0.5	218.3(237T)	003.8	01900
		KIGKE	021	SDF	TF		FB	0.3	218.3(237T)	002.4	01100
		RW22	030	MAP	TF		FO	0.3	218.3(237T)	002.8	00218

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OVUGE	040		DF		FB	1.0			04900
	PUCIV	050		TF		FO	1.0	218.2(237T)		04900
	PUCIV	060		HM	L	FO	2.0	038.0(057T)	005.0	04900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BTG	N454452.12	W1223529.53	N4544.869	W12235.492
	UBG	N452111.62	W1225841.37	N4521.194	W12258.690
	KIGKE	N451330.26	W1230430.04	N4513.504	W12304.501
	LIYEV	N451448.43	W1230137.98	N4514.807	W12301.633
	OVUGE	N451019.71	W1231128.23	N4510.329	W12311.471
	OZIER	N451814.27	W1225403.56	N4518.238	W12254.059
	PUCIV	N450312.86	W1232658.90	N4503.214	W12326.982
	RAWER	N451408.32	W1224739.54	N4514.139	W12247.659
	TOCBU	N452238.53	W1225100.73	N4522.642	W12251.012
	UNECE	N451651.91	W1225705.63	N4516.865	W12257.094
	RW22	N451159.31	W1230749.84	N4511.989	W12307.831

RUNWAY DATA	THRESHOLD	
	RWY	ELEVATION TCH
RW22	00161	57

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