US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) - 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.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MLP VOR/DME	NABNE (TF) (FB) (RNP 2.00)	091.80 / 45.17	10000
LOLLO	JUMIS (TF) (FB) (RNP 2.00)	260.93 / 16.97	10000
JUMIS	NABNE (RF) (FB) (RNP 2.00)	(11.65 NM RADIUS CW (AZAWI))/44.50	10000
NABNE (IAF)	FERSI (TF) (FB) (RNP 1.00)	119.62 / 9.40	8600
FERSI (IF)	SUCTO (TF) (FB) (RNP 1.00)	103.68 / 6.80	6500
(SEE FORM 8260-10)			

MISSED APPROACH

RNP: DA

CLIMB TO 13000 ON TRACK 113.45 TO OKASE AND ON TRACK 119.36 TO TAGOE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 13000.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 296.01 INBOUND.
CHART FAS OBST: 3323 OL ON TWR 465617N/1140712W
DISTANCE TO THLD FROM 318 HAT: 0.88 NM.
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 3237.3 (DO NOT CHART)

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT FERSI
3. FAC: 113.35 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: FERSI 8600, SUCTO 6500, WENKE 5600
5. DIST TO THLD FROM OM: 7.27 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 5600 GS ALT AT: WENKE 5600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 44.9 #
8. MSA FROM: RW11 11100

MAG VAR: 17E EPOCH YEAR: 1990

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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
**RNP 0.12 DA	3518	3/4	318	3518	3/4	318	3518	3/4	318	3518	3/4	318			
##RNP 0.3 DA	3880	2	680	3880	2	680	3880	2	680	3880	2	680			

NOTES:
CHART NOTE: **MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 425 FEET PER NM TO 8300.
CHART NOTE: ##MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 350 FEET PER NM TO 8300. IF UNABLE SEE RNAV (GPS) Y RWY 11
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-6F) OR ABOVE 43C (109F).
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 3206 TDZE: 3200	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MISSOULA, MT	AIRPORT NAME: MISSOULA INTL	RNAV	RNAV (RNP) Z RWY 11, ORIG-A 16 DEC 2010	AMDT: ORIG DATED 08/27/2009

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SUCTO	WENKE (TF) (FB) (RNP 1.00)	113.30 / 3.20	5600
WENKE	RW11 (MAP) (TF) (FO)	113.35 / 7.27	
RW11 (MAP)	OKASE (TF) (FB) (RNP 1.00)	113.45 / 6.2 ()	
OKASE (TF)	TAGOE (TF) (FO) (RNP 1.00)	119.36 / 6.52	13000

NOTES, (CONT.):
CHART NOTE: RNP 0.12: FOR INOPERATIVE MALSR, INCREASE RNP 0.12 RWY 11 ALL CATS VISIBILITY TO 1 1/4 MILES. RNP 0.30: FOR INOPERATIVE MALSR, INCREASE RNP 0.30 RWY 11 ALL CATS VISIBILITY TO 2 1/2 MILES.
CHART NOTE: GPS REQUIRED
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LOLLO ON V187 EASTBOUND AND ARRIVALS AT MLP VOR/ DME ON V120 WESTBOUND AND V2 NORTHWESTBOUND.
CHART PLANVIEW NOTE ADJACENT TO JUMIS (IAF): RF REQUIRED

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RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE
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ARINC PACKET - 424-18 - RNAV (RNP)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        MLP   K1011780VDHA N47272485W115384576    N47272485W115384576E0150061002     NARMULLAN PASS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AZAWI K10    W     N47043436W114482610                      E0146     NAR           CNF(AZAWI)
        SUSAEAENRT   FERSI K10    W     N47054470W114263579                      E0145     NAR           FERSI
        SUSAEAENRT   JUMIS K10    W     N46530185W114504149                      E0146     NAR           JUMIS
        SUSAEAENRT   LOLLO K10    C   L N46504416W114261147                      E0144     NAR           LOLLO
        SUSAEAENRT   NABNE K10    W     N47123485W114360272                      E0146     NAR           NABNE
        SUSAEAENRT   OKASE K10    W     N46512799W113593111                      E0143     NAR           OKASE
        SUSAEAENRT   SUCTO K10    W     N47021633W114180274                      E0144     NAR           SUCTO
        SUSAEAENRT   TAGOE K10    C   L N46464493W113525850                      E0142     NAR           TAGOE
        SUSAEAENRT   WENKE K10    W     N47001211W114142875                      E0144     NAR           WENKE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMSOK1AMSO     0     095YHN46545880W114052620E017003206         1800018000C    MNAR    MISSOULA INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMSOK1FR11-Z ALOLLO 010LOLLOK1EA0E       IF                                                18000                 A PS
        SUSAP KMSOK1FR11-Z ALOLLO 020JUMISK1EA0E    020TF                     26090170    + 10000                             A PS
        SUSAP KMSOK1FR11-Z ALOLLO 030NABNEK1EA0E  AR020RF       0116502609    11960445    + 10000                  AZAWI K1EAA PS
        SUSAP KMSOK1FR11-Z ALOLLO 040FERSIK1EA0EE B 010TF                     11960094    + 08600                             A PS
        SUSAP KMSOK1FR11-Z AMLP   010MLP  K1D 0V       IF                                                18000                 A PS
        SUSAP KMSOK1FR11-Z AMLP   020NABNEK1EA0E  A 020TF                     09180452    + 10000                             A PS
        SUSAP KMSOK1FR11-Z AMLP   030FERSIK1EA0EE B 010TF                     11960094    + 08600                             A PS
        SUSAP KMSOK1FR11-Z R      010FERSIK1EA0E  I    IF                                 + 08600     18000                   A PS
        SUSAP KMSOK1FR11-Z R      011SUCTOK1EA0E    010TF                     10370068    + 06500                             A PS
        SUSAP KMSOK1FR11-Z R      020WENKEK1EA1E  F 010TF                     11330032    + 05600                  RW11  K1PGA PS
        SUSAP KMSOK1FR11-Z R      020WENKEK1EA2W                                                A031A122                       PS
        SUSAP KMSOK1FR11-Z R      030RW11 K1PG0GY M 031TF                     11340073      03237             -300            A PS
        SUSAP KMSOK1FR11-Z R      040OKASEK1EA0E M  010TF                     11350062                                      A PS
        SUSAP KMSOK1FR11-Z R      050TAGOEK1EA0EY   010TF                     11940065    + 13000                             A PS
        SUSAP KMSOK1FR11-Z R      060TAGOEK1EA0EE  R020HM                     29600080    + 13000                             A PS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 3206 TDZE: 3200	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MISSOULA, MT	AIRPORT NAME: MISSOULA INTL	RNAV	RNAV (RNP) Z RWY 11, ORIG-A 16 DEC 2010	AMDT: ORIG DATED: 08/27/2009

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        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KMSOK1GRW11    0095011135 N46552944W114062361+0100    +0958103192000045150IIMSO1
                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KMSOK1SRW11 K1PG                0   18018011125                                                                  M
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RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	LOLLO	LOLLO	010		IF		FB					
	LOLLO	JUMIS	020		TF		FB	2.0	260.9(277.9T)	017.0	AA 10000	
	LOLLO	NABNE	030	IAF	RF	R	FB	2.0		044.5	AA 10000	
	LOLLO	FERSI	040		TF		FB	1.0	119.6(136.6T)	009.4	AA 08600	
	MLP	MLP	010		IF		FB					
	MLP	NABNE	020	IAF	TF		FB	2.0	091.8(108.8T)	045.2	AA 10000	
	MLP	FERSI	030		TF		FB	1.0	119.6(136.6T)	009.4	AA 08600	
		FERSI	010	FACF	IF		FB				AA 08600	
		SUCTO	011		TF		FB	1.0	103.7(120.7T)	006.8	AA 06500	
		WENKE	020	FAF	TF		FB	1.0	113.3(130.3T)	003.2	AA 05600	
		RW11	030	MAP	TF		FO	0.3	113.4(130.4T)	007.3	AT 03237	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	OKASE	040		TF		FB	1.0	113.5(130.5T)	006.2		
	TAGOE	050		TF		FO	1.0	119.4(136.4T)	006.5	AA 13000	
	TAGOE	060		HM	R	FO	2.0	296.0(313.0T)	008.0	AA 13000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MLP	N472724.85	W1153845.76	N4727.414	W11538.763
	AZAWI	N470434.36	W1144826.10	N4704.573	W11448.435
	FERSI	N470544.70	W1142635.79	N4705.745	W11426.597
	JUMIS	N465301.85	W1145041.49	N4653.031	W11450.692
	LOLLO	N465044.16	W1142611.47	N4650.736	W11426.191
	NABNE	N471234.85	W1143602.72	N4712.581	W11436.045
	OKASE	N465127.99	W1135931.11	N4651.467	W11359.519
	SUCTO	N470216.33	W1141802.74	N4702.272	W11418.046
	TAGOE	N464644.93	W1135258.50	N4646.749	W11352.975
	WENKE	N470012.11	W1141428.75	N4700.202	W11414.479
	RW11	N465529.44	W1140623.61	N4655.491	W11406.394

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW11	03192	45

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