



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, (CONT.):**

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
HUSMI (IF)	UBGUY (TF) (FB) (RNP 0.30)	036.07 / 2.10	2800
UBGUY (FAF)	RW04 (MAP) (TF) (FO)	036.10 / 4.90	
RW04 (MAP)	YELUG (TF) (FB) (RNP 1.00)	036.16/8.00	
YELUG	WIPES (TF) (FO) (RNP 1.00)	359.95 / 8.73	4000

**NOTES, (CONT.):**

CHART PLANVIEW NOTE ADJACENT TO EDSEW: RF REQUIRED.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RUBEL ON V448 SOUTHWEST BOUND  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EDSEW ON V2 WESTBOUND  
 CHART PLANVIEW NOTE AT ZIRVO: MAX 210 KIAS

CITY AND STATE MOSES LAKE, WA	ELEVATION: 1189	THRE: 1189	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 4, ORIG <b>10 MAR 2011</b>	SUP:
	AIRPORT NAME: GRANT CO INTL				AMDT: NONE
					DATED:

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

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ARINC PACKET - 424-18 - RNAV (RNP)

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSABEAENRT	EDSEW	K10	C	L	N47080357W119474135					E0161	NAR	EDSEW	
SUSABEAENRT	HUSMI	K10	W	N47074219W119281723						E0161	NAR	HUSMI	
SUSABEAENRT	IYWUH	K10	W	N47101755W119310237						E0161	NAR	CNF (IYWUH)	
SUSABEAENRT	ONPIC	K10	W	N47051427W119331584						E0161	NAR	ONPIC	
SUSABEAENRT	RUBEL	K10	C	L	N47015248W119381596					E0161	NAR	RUBEL	
SUSABEAENRT	UBGUY	K10	W	N47085596W119254796						E0161	NAR	UBGUY	
SUSABEAENRT	WESKO	K10	W	N47063178W119303948						E0161	NAR	WESKO	
SUSABEAENRT	WIPES	K10	C	L	N47244655W119062942					E0160	NAR	WIPES	
SUSABEAENRT	YELUG	K10	W	N47162868W119102702						E0160	NAR	YELUG	
SUSABEAENRT	ZIRVO	K10	W	N47070638W119312697						E0161	NAR	ZIRVO	

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KMWHK1LAMWH	0		135YHN47123090W119190890E018001189					1800018000C	MNAR	GRANT CO INTL			

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KMWHK1FR04-Z	AEDSEW	010EDSEWK1EA0E	A	IF						18000		A PS	
SUSAP KMWHK1FR04-Z	AEDSEW	020ZIRVOK1EA0E		010TF			07680111	+ 03800		210		A-PS	
SUSAP KMWHK1FR04-Z	AEDSEW	030HUSMIK1EA0EE	BL031RF		0032000768		03610023	+ 03300			IYWUH K1EAA	PS	
SUSAP KMWHK1FR04-Z	ARUBEL	010RUBELK1EA0E	A	IF						18000		A PS	
SUSAP KMWHK1FR04-Z	ARUBEL	020ONPICK1EA0E		010TF			02740048	+ 04300				A PS	
SUSAP KMWHK1FR04-Z	ARUBEL	030WESKOK1EA0E		031TF			03600022	+ 03800				A PS	
SUSAP KMWHK1FR04-Z	ARUBEL	040HUSMIK1EA0EE	B	031TF			03600020	+ 03300				A PS	
SUSAP KMWHK1FR04-Z	R	010HUSMIK1EA0E	I	IF						18000		A PS	
SUSAP KMWHK1FR04-Z	R	020UBGUYK1EA1E	F	031TF			03610021	+ 02800			RW04 BK1PGA	PS	
SUSAP KMWHK1FR04-Z	R	020UBGUYK1EA2W							A031A011			PS	
SUSAP KMWHK1FR04-Z	R	030RW04 K1PG0GY	M	031TF			03610049		01239		-300	A PS	
SUSAP KMWHK1FR04-Z	R	040YELUGK1EA0E	M	010TF			03620080					A PS	
SUSAP KMWHK1FR04-Z	R	050WIPESK1EA0EY		010TF			36000087	+ 04000				A PS	
SUSAP KMWHK1FR04-Z	R	060WIPESK1EA0EE	R020HM				23960040	+ 04000				A PS	

RUNWAY	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KMWHK1GRW04	0100000362		N47114823W119195853-0400					+0341701189000050100R					

MSA	1	2	3	4	5	6	7	8	9	0	1	2	3

CITY AND STATE <b>MOSES LAKE, WA</b>	ELEVATION: <b>1189</b>	THRE: <b>1189</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>GRANT CO INTL</b>		<b>RNAV</b>	<b>RNAV (RNP) Z RWY 4, ORIG</b>	AMDT: <b>NONE</b>
				<b>10 MAR 2011</b>	DATED:

QUALITY CHECK

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
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 SUSAP KMWHK1SRW04 K1PGB

0 18018004425

M



CITY AND STATE <b>MOSES LAKE, WA</b>	ELEVATION: <b>1189</b> THRE: <b>1189</b> AIRPORT NAME: <b>GRANT CO INTL</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (RNP) Z RWY 4, ORIG</b>  <b>10 MAR 2011</b>	SUP:
				AMDT: <b>NONE</b>
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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
	EDSEW	EDSEW	010	IAF	IF		FB					
	EDSEW	ZIRVO	020		TF		FB	1.0	076.8 (094.8T)	011.1	AA 03800	AB 210
	EDSEW	HUSMI	030		RF	L	FB	0.3		002.3	AA 03300	
	RUBEL	RUBEL	010	IAF	IF		FB					
	RUBEL	ONPIC	020		TF		FB	1.0	027.4 (045.4T)	004.8	AA 04300	
	RUBEL	WESKO	030		TF		FB	0.3	036.0 (054.0T)	002.2	AA 03800	
	RUBEL	HUSMI	040		TF		FB	0.3	036.0 (054.0T)	002.0	AA 03300	
		HUSMI	010	FACF	IF		FB				AA 03300	
		UBGUY	020	FAF	TF		FB	0.3	036.1 (054.1T)	002.1	AA 02800	
		RW04	030	MAP	TF		FO	0.3	036.1 (054.1T)	004.9	AT 01239	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	YELUG	040		TF		FB	1.0	036.2 (054.2T)	008.0		
	WIPES	050		TF		FO	1.0	360.0 (018.0T)	008.7	AA 04000	
	WIPES	060		HM	R	FO	2.0	239.6 (257.6T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EDSEW	N470803.57	W1194741.35	N4708.060	W11947.689
	HUSMI	N470742.19	W1192817.23	N4707.703	W11928.287
	IYWUH	N471017.55	W1193102.37	N4710.293	W11931.040
	ONPIC	N470514.27	W1193315.84	N4705.238	W11933.264
	RUBEL	N470152.48	W1193815.96	N4701.875	W11938.266
	UBGUY	N470855.96	W1192547.96	N4708.933	W11925.799
	WESKO	N470631.78	W1193039.48	N4706.530	W11930.658
	WIPES	N472446.55	W1190629.42	N4724.776	W11906.490
	YELUG	N471628.68	W1191027.02	N4716.478	W11910.450
	ZIRVO	N470706.38	W1193126.97	N4707.106	W11931.450
	RW04	N471148.23	W1191958.53	N4711.804	W11919.976

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	01189	50



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