

24-OCT-2013

**MWH-KMWH**

1-10

AOI

AOI

**GENERAL****ATS Hours**

H24

PPR for ACFT with more than 30 PAX seats between 0600-1400‡.

**Airport Information**

RFF: FAA Index A / CAT 5, contact AD authority for additional ARFF Index.

Fuel: Jet A

PCN: O/R

**Operation****Traffic Note:** RWY 14L/32R HIRL on low INTST when TWR CLSD, activation of MALS RWY 32R by CTAF.**RWY Restrictions**

RWY 09/27 CLSD except for MIL OPS.

RWY 14R/32L CLSD nights 0600-1400‡, except for taxi.

RWY 14L/32R CLSD nights 0600-1400‡, except for MIL OPS.

RWY 18/36 air carrier use for taxi only.

RWY 09/27 not visible from TWR.

**TWY Restrictions**

TWY G not AVBL during night OPS.

TWY F not visible from TWR, CLSD 1400-2200‡ daily except MIL.

**Warnings**

Heavy jet training up to 5000ft within 25NM of AD.

Possible wake turbulence from larger ACFT unsing RWYs.

Heavy MIL jet training 0300-1100‡. Announce LDG intentions on CTAF after TWR is CLSD.

Birds in vicinity of AD.

**ARRIVAL****Speed**

MAX IAS 250KT below 10000ft.

**Communication****COM Failure:** See CRAR United States.**Arrival Procedure****VFR Traffic Pattern:** RWY 32R, 27, 18, 14R right-hand circuit.**Land And Hold Short Operation (LAHSO)**

These OPS include LDG and hold short of an intersection RWY/TWY or other predetermined points on the RWY other than RWY or TWY marked with (\*).

LDG RWY	Hold Short Point (HSP)	Distance
RWY 04	RWY 14L/32R	1433m / 4700ft
RWY 14L	RWY 04/22	2301m / 7550ft
RWY 22	RWY 14L/32R	1417m / 4650ft
RWY 32R	RWY 04/22	1539m / 5050ft

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**MWH-KMWH****1-20****AOI****DEPARTURE****Take-off Minima**

RWY		32R	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	-
3+4 ENG		0 - 2400R/0.5V	-

RWY		04/22, 14L	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5V	-

**Speed**

MAX IAS 250KT below 10000ft.

**Communication****COM Failure:** See CRAR United States and in addition;**MOSES THREE DEP:** If no transmissions received for 1min after DEP, maintain RWY HDG, or ATC assigned HDG to 6000ft, then climbing right turn to filed ALT, direct MWH VOR/DME, then via assigned fix/route.



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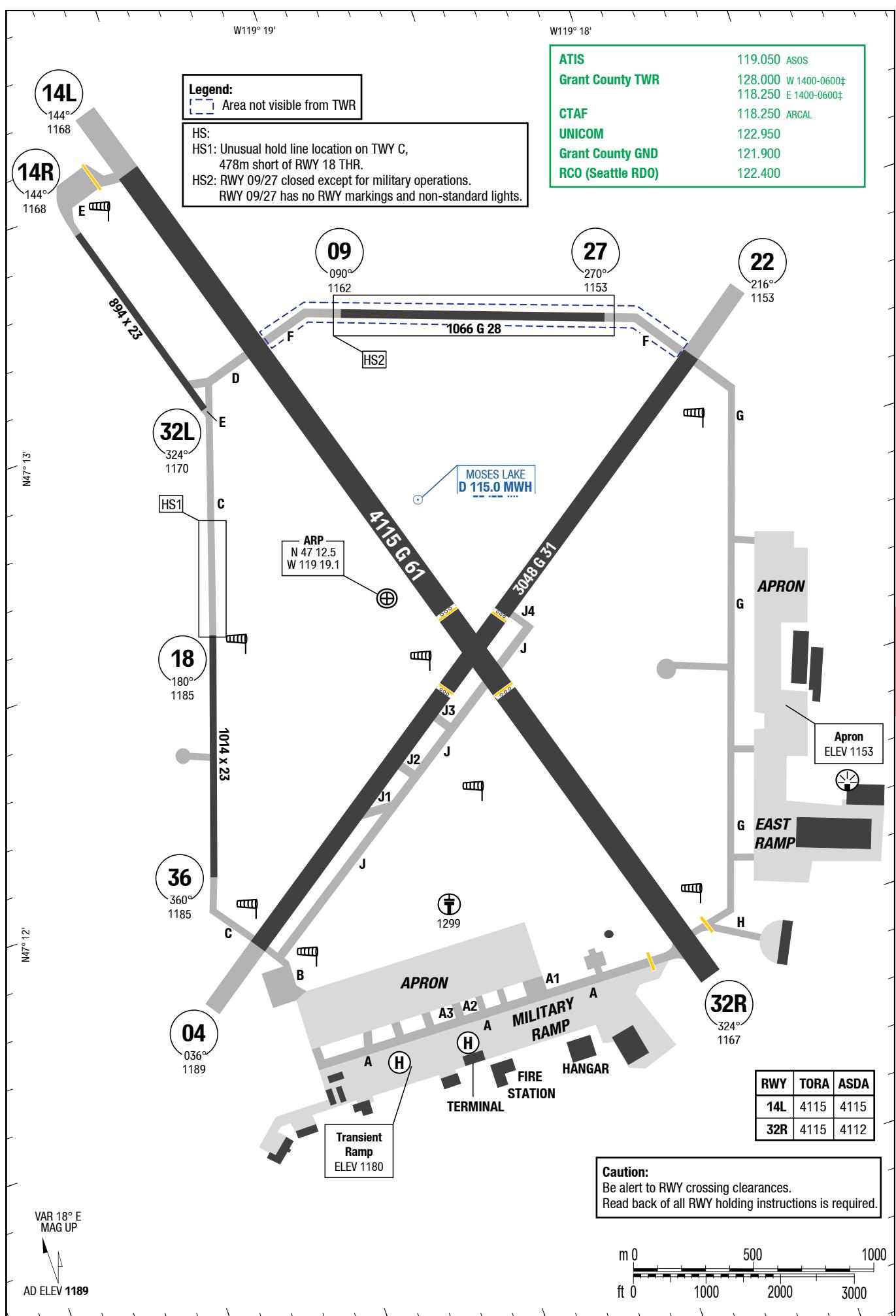
**MWH-KMWH**

United States Moses Lake Grant County Intl

**3-20**

<b>AGC</b>	<b>AGC</b>
<b>AGC</b>	<b>AGC</b>
<b>AGC</b>	<b>Grant County Intl Moses Lake United States</b>

ATIS	119.050 ASOS
Grant County TWR	128.000 W 1400-0600‡ 118.250 E 1400-0600‡
CTAF	118.250 ARCAL
UNICOM	122.950
Grant County GND	121.900
RCO (Seattle RDO)	122.400



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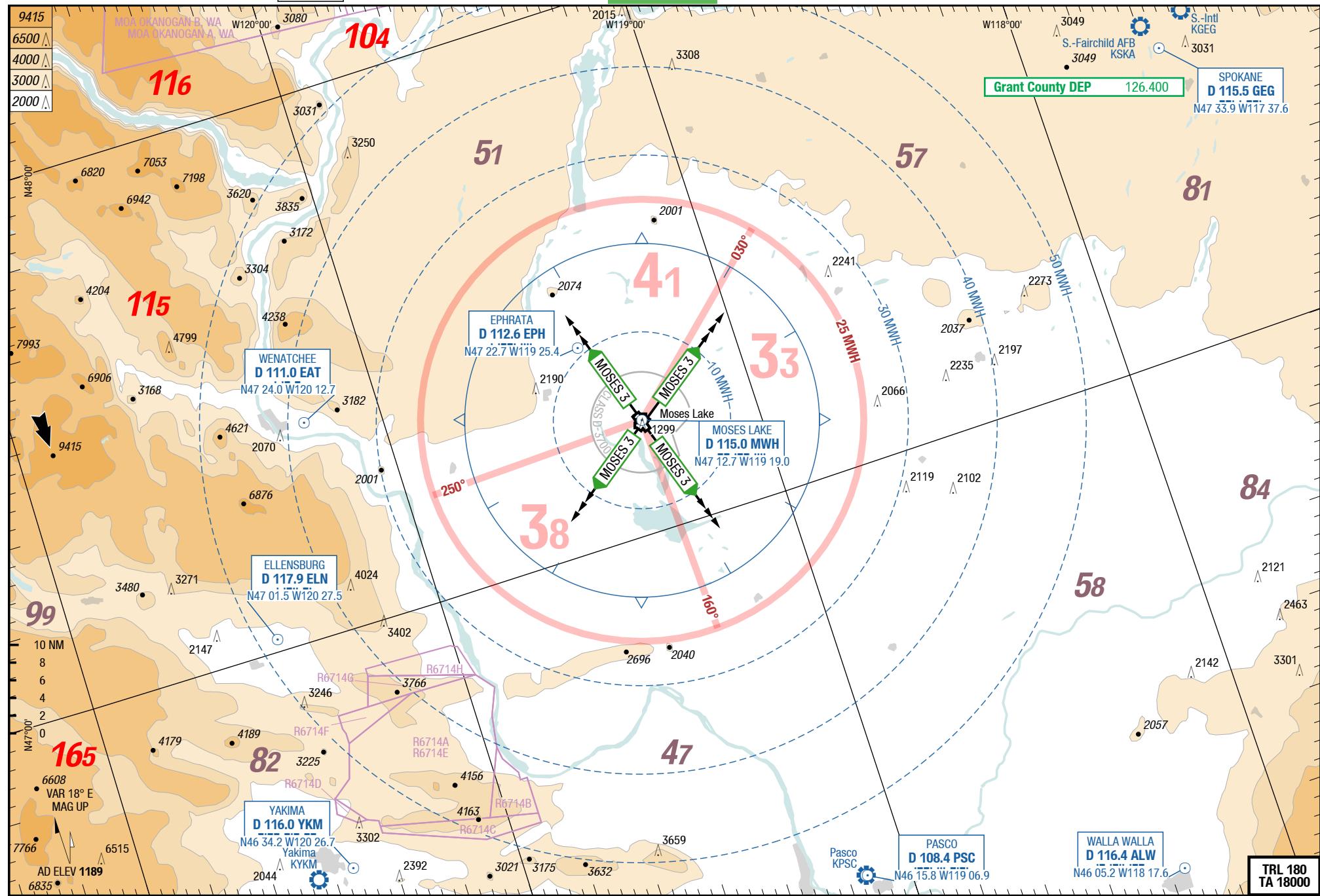
4-10

MOSES 3

# Grant County Intl **Moses Lake** United States

S|D

**MOSES 3**



## Changes: OBST

24-OCT-2013

**MWH-KMWH****5-10****MOSES 3**

SIDPT

**MOSES 3**

RWYs 04 (036°) / 14L (144°) / 22 (216°) / 32R (324°)

DESIGNATOR	ROUTING	ALTITUDES
<b>MOSES 3</b> <b>126,400</b> ①		initial climb <b>5000</b> or ATC assigned ALT
<b>RWY 04</b>	RWY HDG or ATC assigned HDG for vector to assigned route/fix	
<b>RWY 14L</b>	RWY HDG or ATC assigned HDG for vector to assigned route/fix	
<b>RWY 22</b>	RWY HDG or ATC assigned HDG for vector to assigned route/fix	
<b>RWY 32R</b>	RWY HDG or ATC assigned HDG for vector to assigned route/fix	

① Expect clearance to filed altitude 5 minutes after departure.

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**MWH-KMWH****5-30****Obstacle Departure**

SIDPT

**Obstacle Departure**

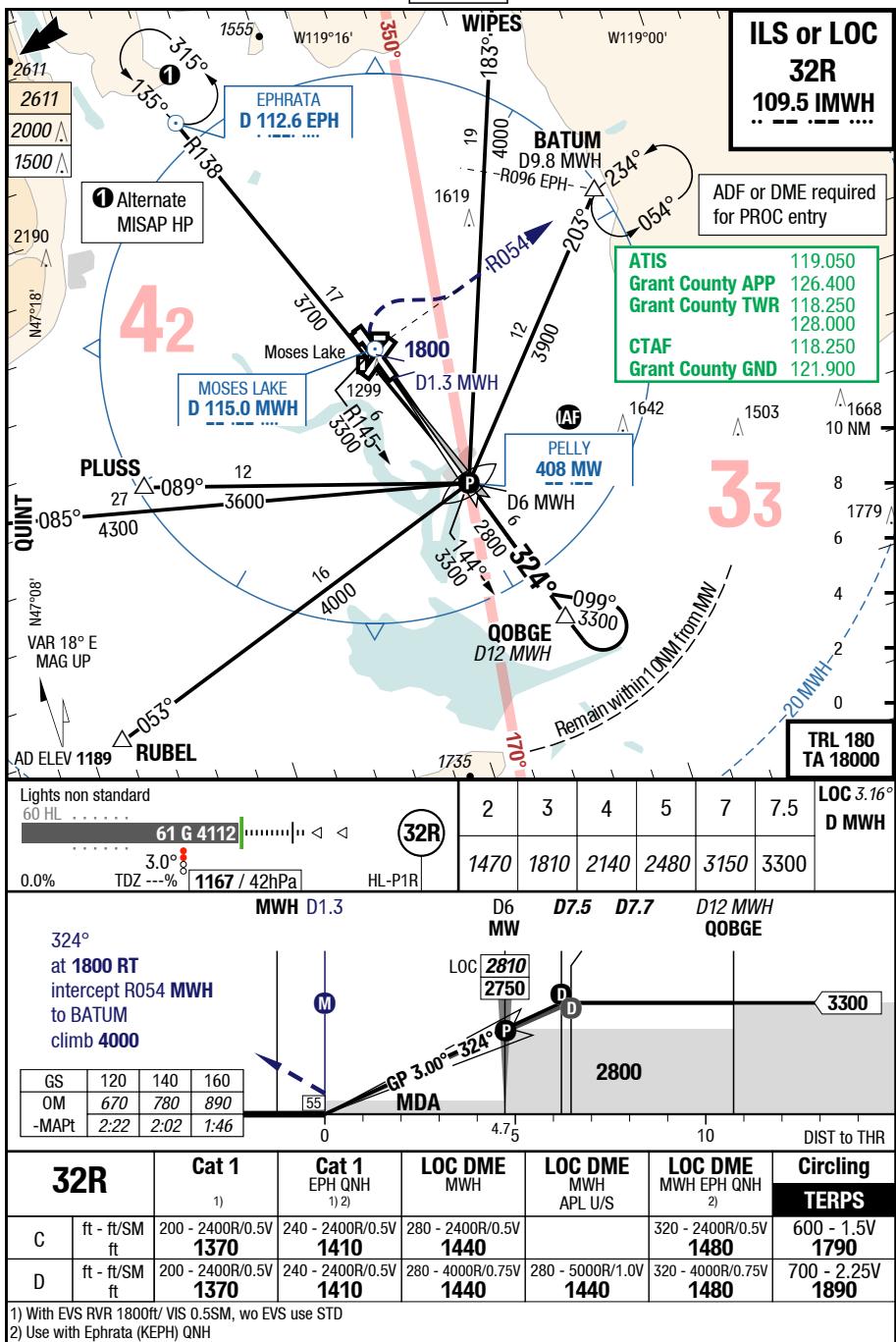
RWY	Notes
<b>14R</b>	Antenna 3902ft from DER, 828ft right of centerline, 98ft AGL/1268ft MSL.
<b>18</b>	Pole 405ft from DER, 334ft right of centerline, 30ft AGL/1209ft MSL. Windsock 496ft from DER, 371ft left of centerline, 16ft AGL/1195ft MSL.
<b>32L</b>	Antenna 660ft from DER, 401ft left of centerline, 11ft AGL/1191ft MSL. Pole 1317ft from DER, 369ft left of centerline, 22ft AGL/1202ft MSL.

20-MAR-2014

MWH-KMWH

7-10

ILS or LOC 32R



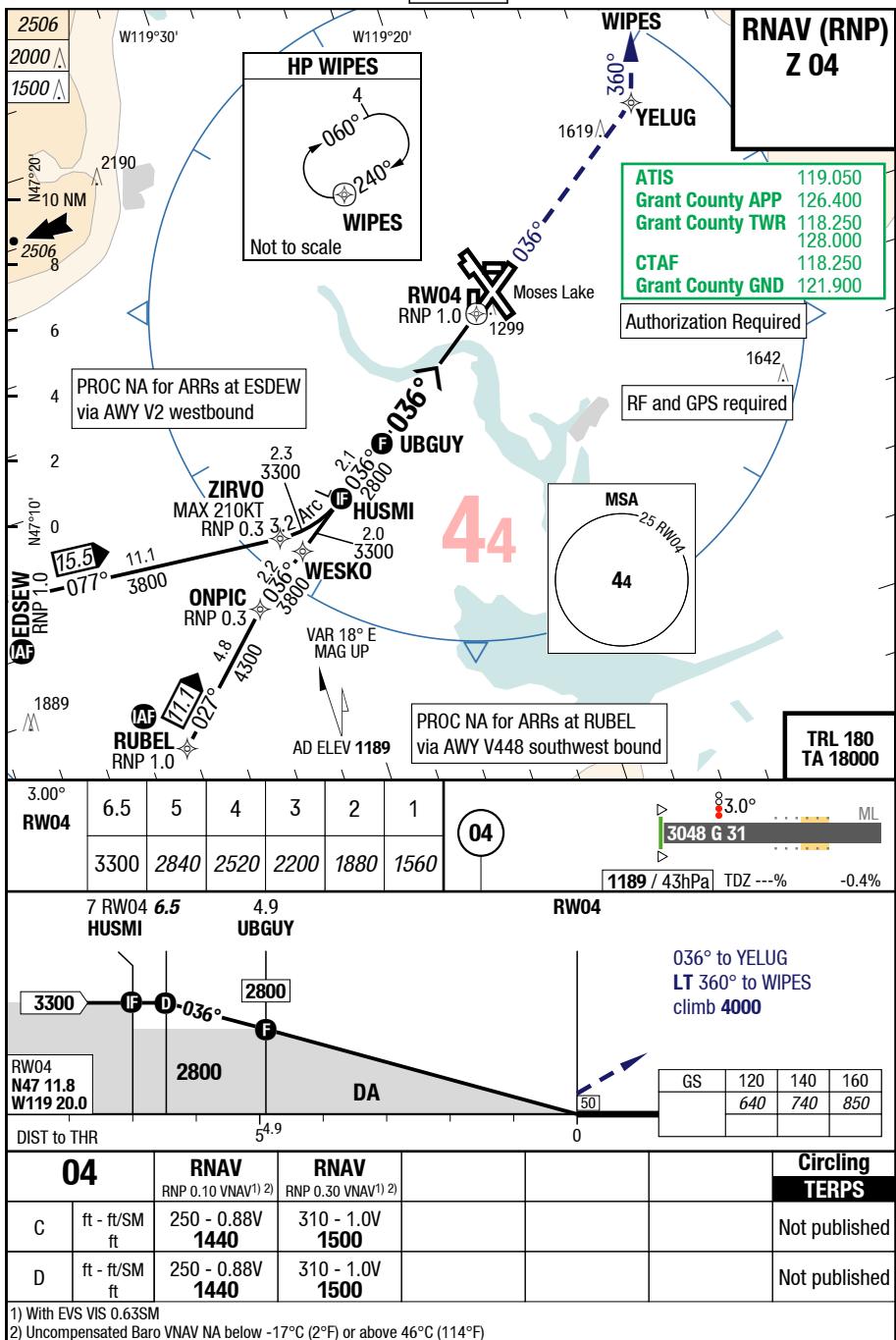
20-MAR-2014

MWH-KMWH

7-30

RNAV (RNP) Z 04

IAC



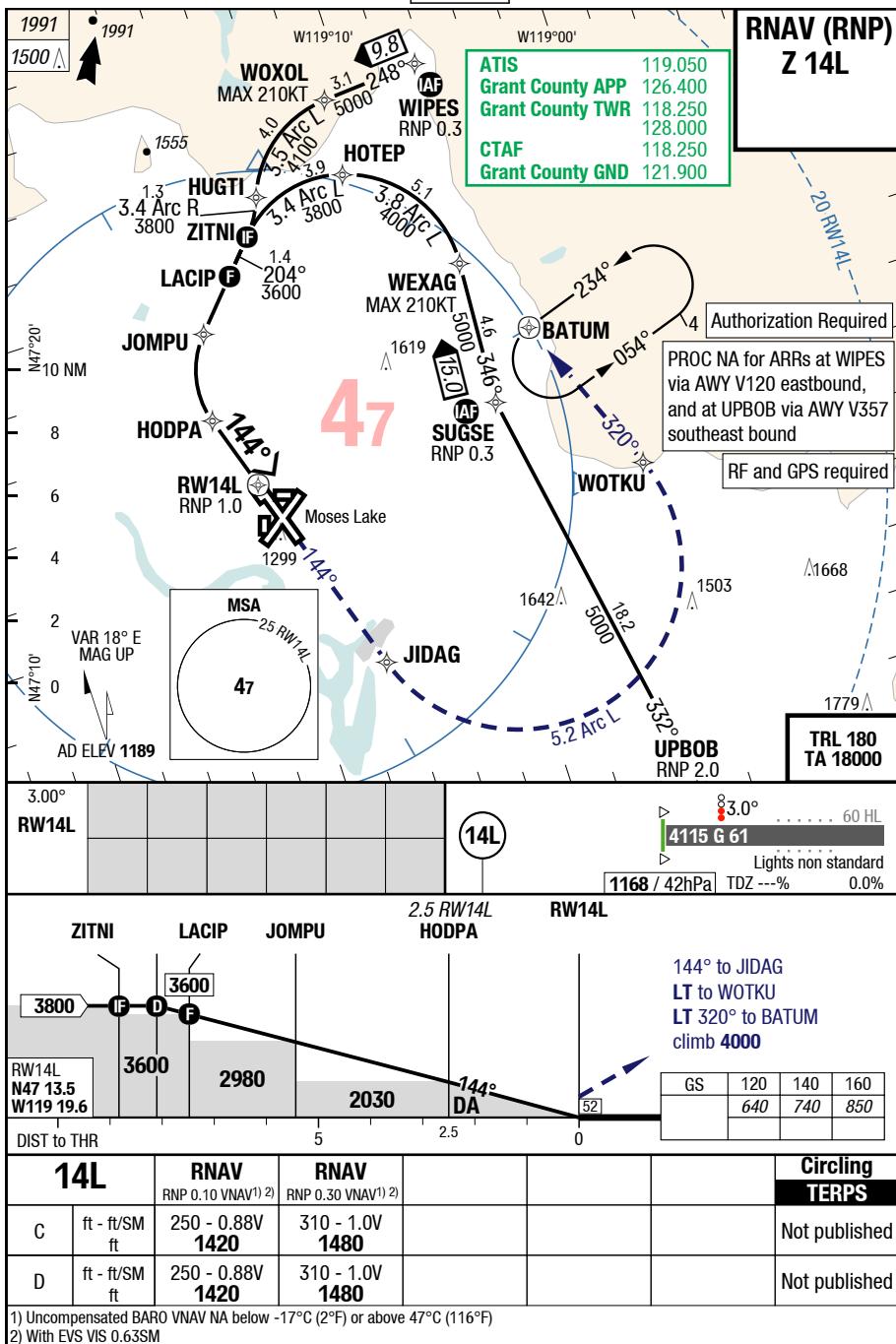
20-MAR-2014

MWH-KMWH

7-40

RNAV (RNP) Z 14L

IAC

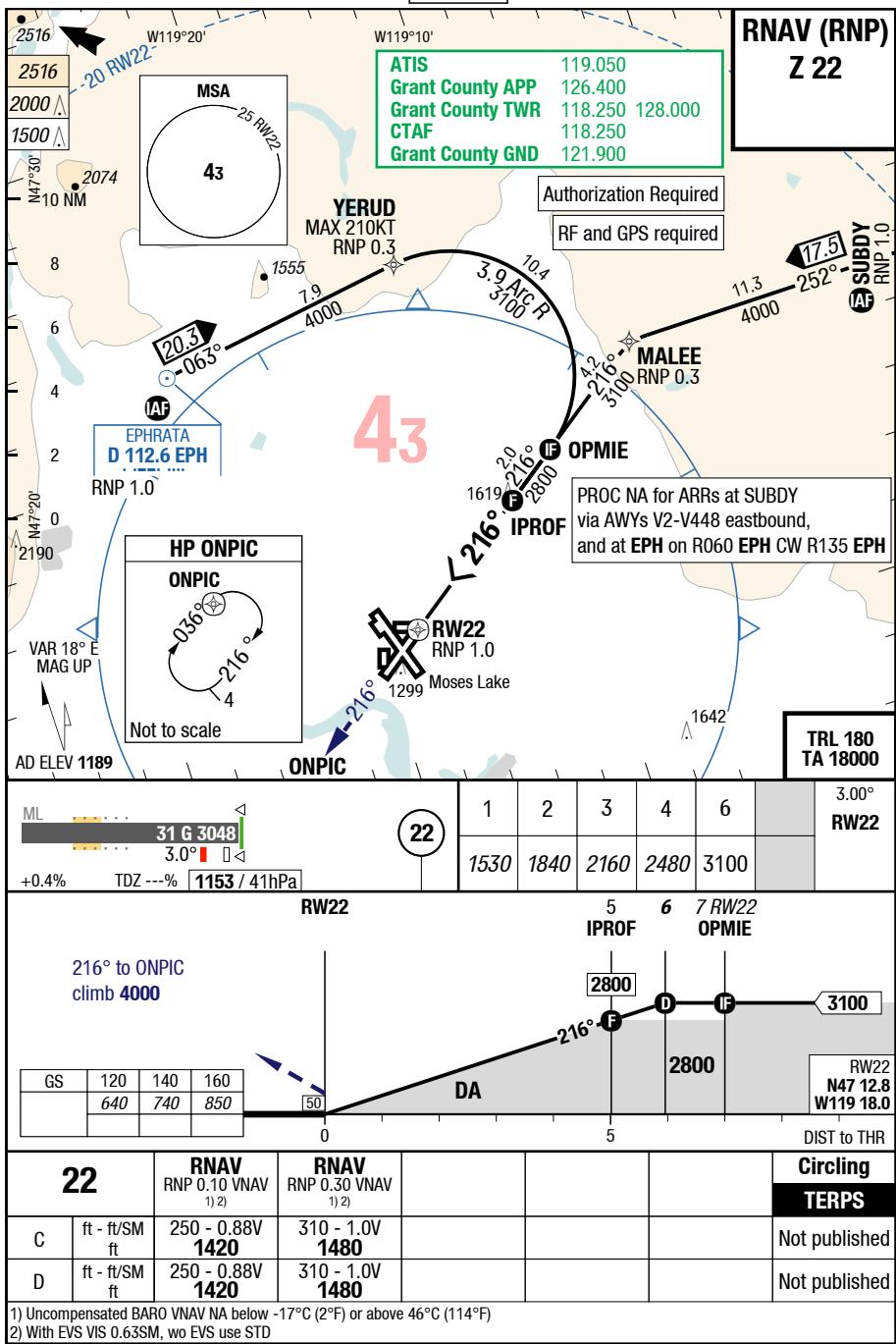


26-FEB-2015

MWH-KMWH

7-50

RNAV (RNP) Z 22



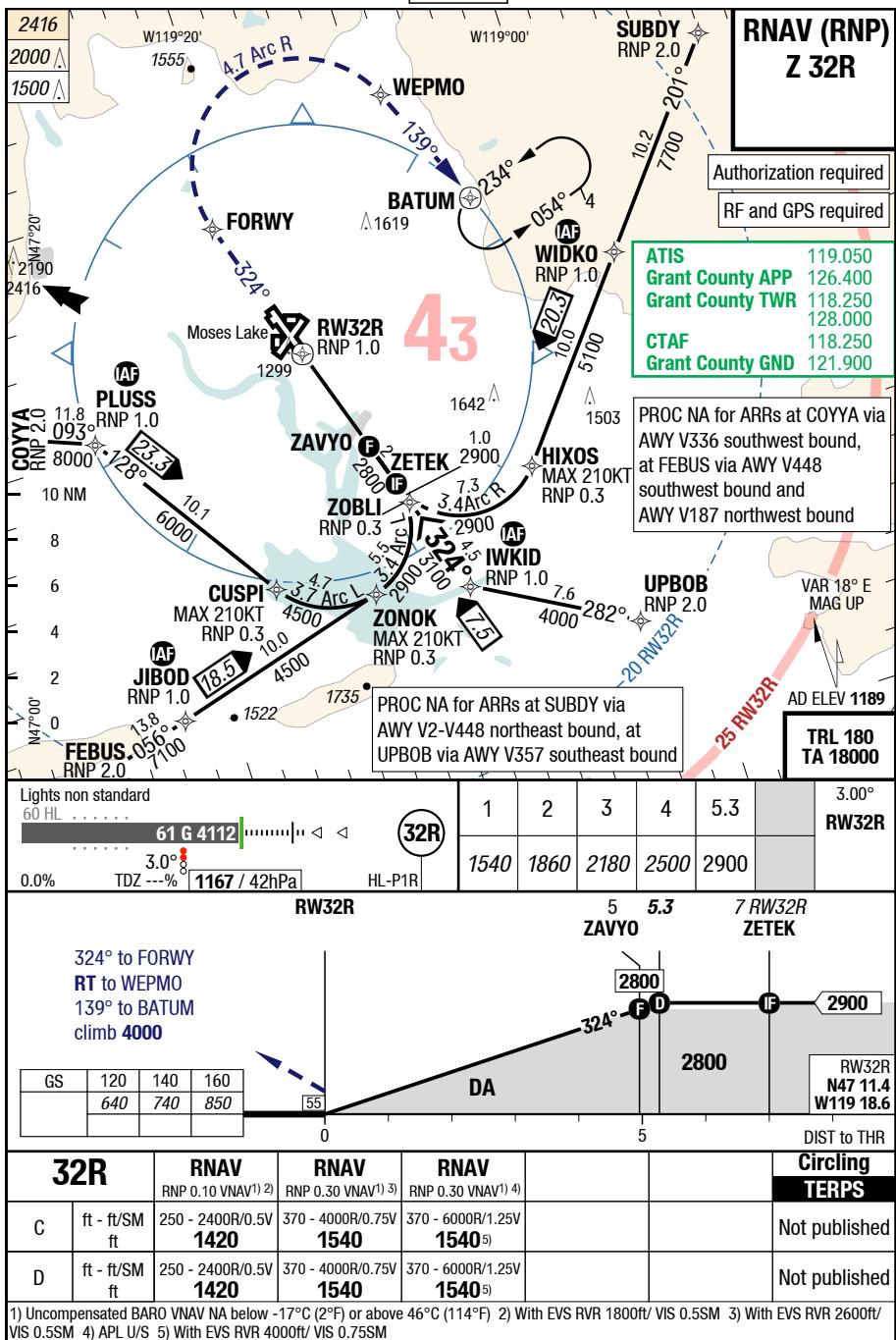
1) Uncompensated BARO VNAV NA below -17°C (2°F) or above 46°C (114°F)

2) With EVS VIS 0.63SM, wo EVS use STD

**MWH-KMWH**

7-60

**RNAV (RNP) Z 32R**



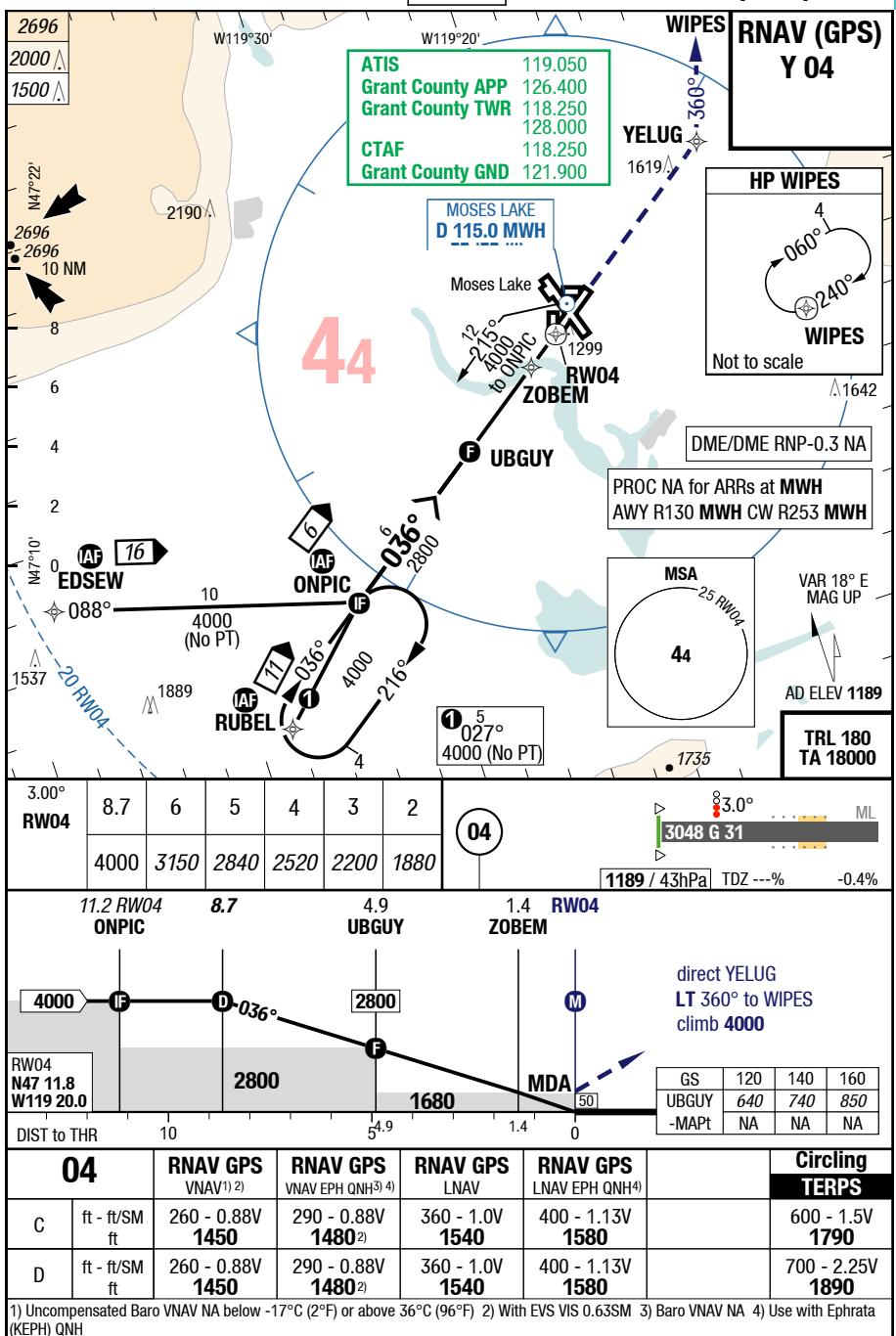
1) Uncompensated BARO VNAV NA below -17°C (2°F) or above 46°C (114°F) 2) With EVS RVR 1800ft/ VIS 0.5SM 3) With EVS RVR 2600ft/ VIS 0.5SM 4) APL U/S 5) With EVS RVR 4000ft/ VIS 0.75SM

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MWH-KMWH

7-70

RNAV (GPS) Y 04

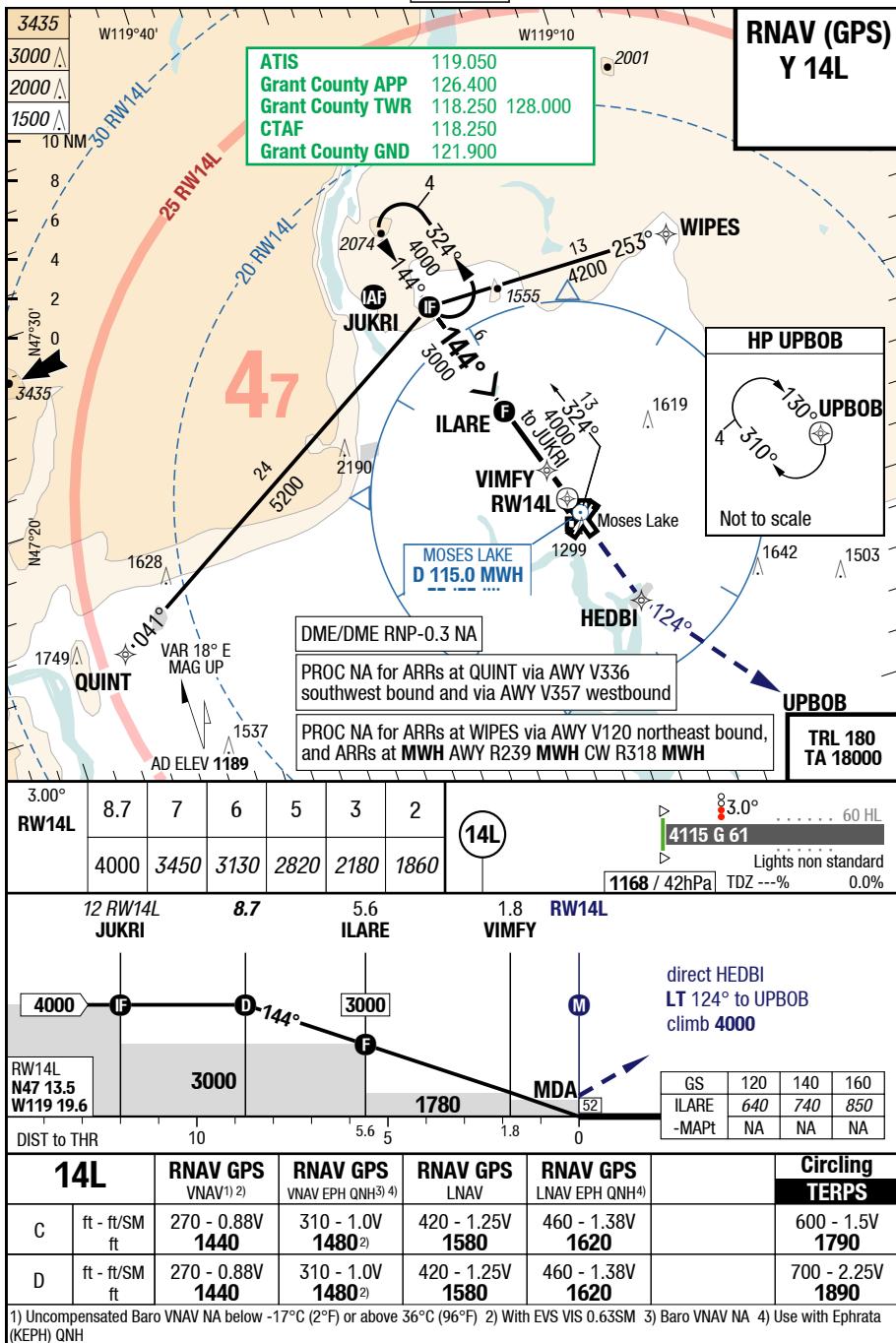


20-MAR-2014

MWH-KMWH

7-80

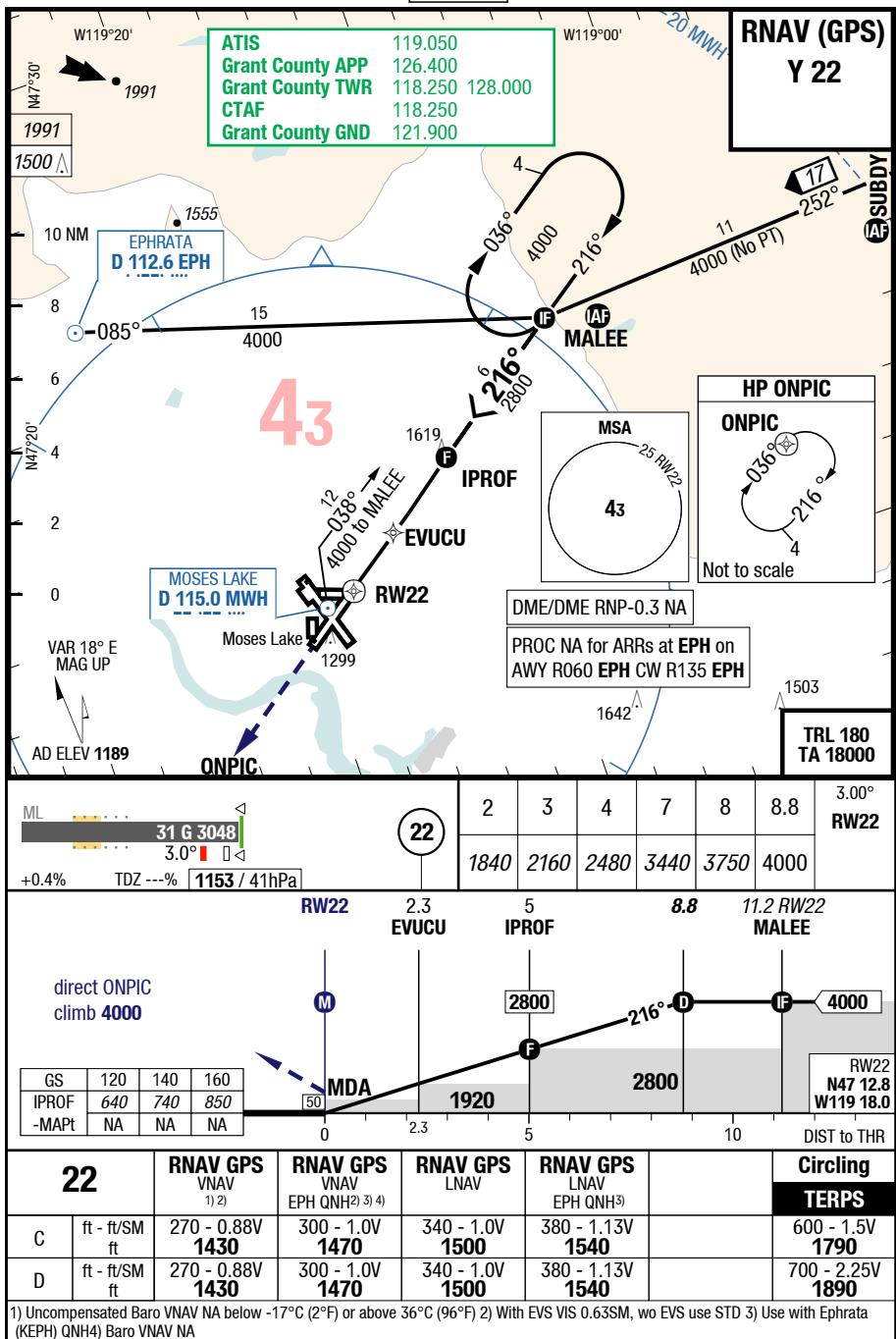
**RNAV (GPS) Y 14L**



1) Uncompensated Baro VNAV NA below -17°C (2°F) or above 36°C (96°F) 2) With EVS VIS 0.63SM 3) Baro VNAV NA 4) Use with Ephrata (KEPH) QNH

7-90

## **RNAV (GPS) Y 22**



1) Uncompensated Baro VNAV NA below -17°C (2°F) or above 36°C (96°F) 2) With EVS VIS 0.63SM, w/o EVS use STD 3) Use with Ephrata (KEPH) QNH4 Baro VNAV NA

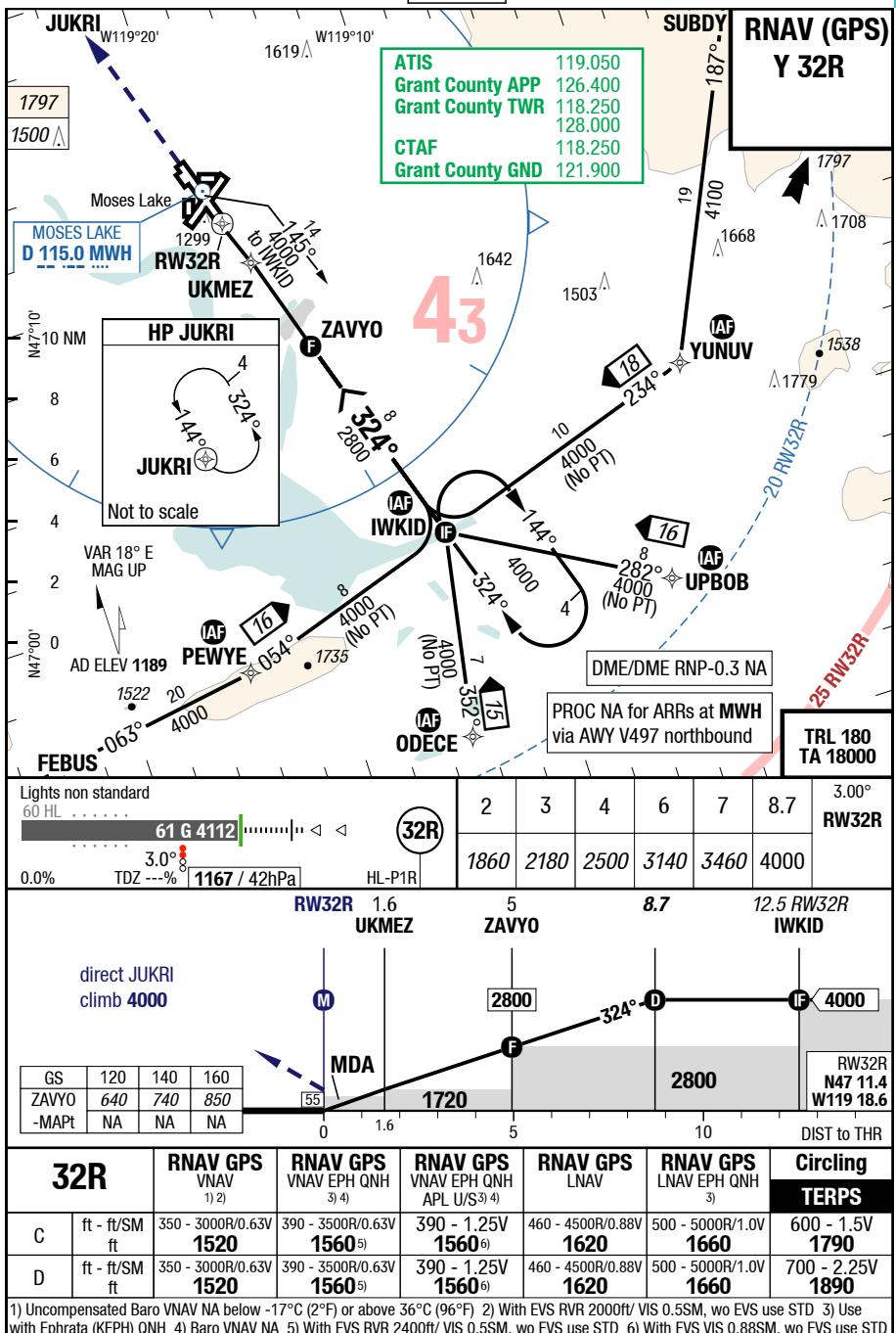
26-FEB-2015

IAC

## MWH-KMWH

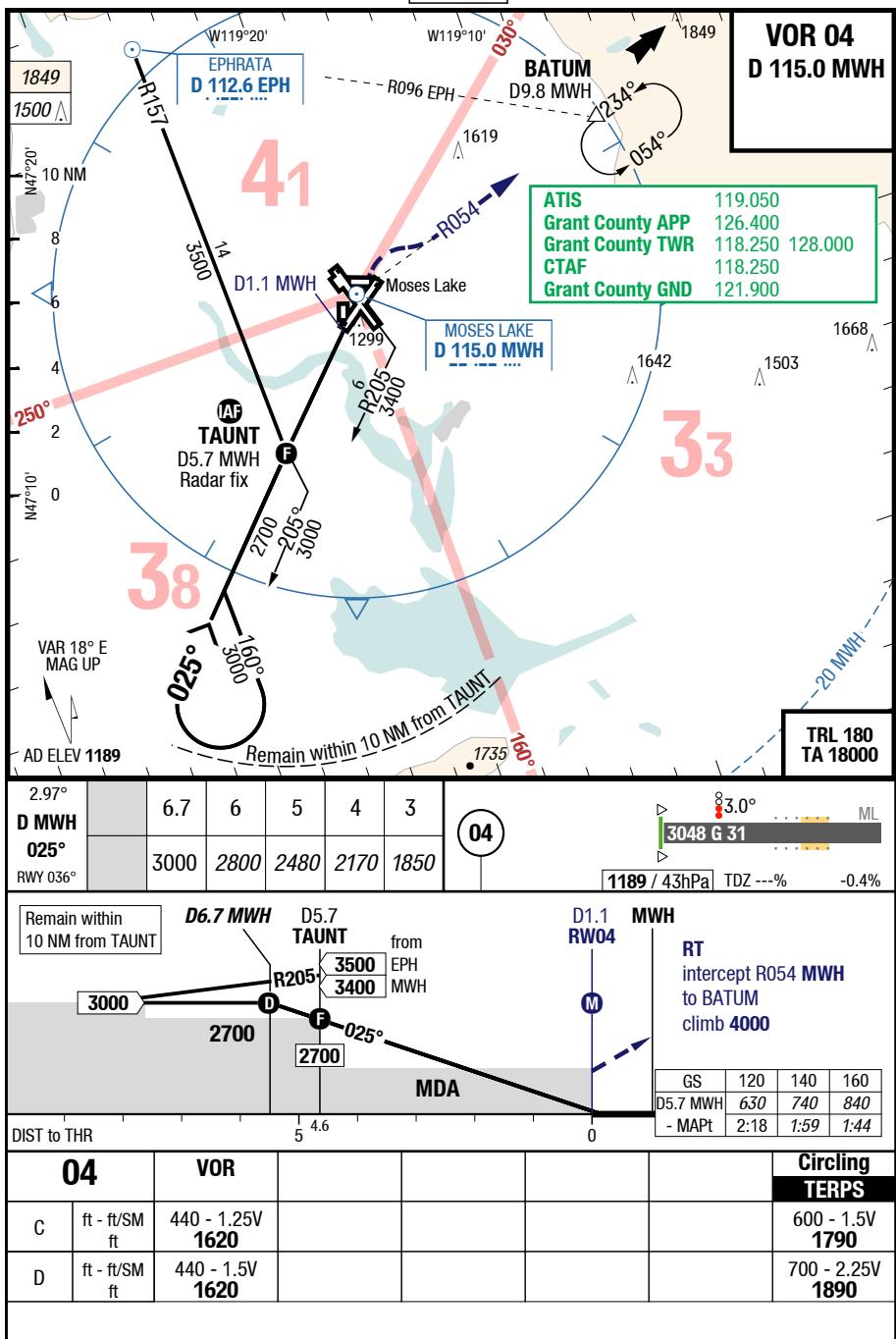
7-100

## RNAV (GPS) Y 32R



1) Uncompensated Baro VNAV NA below -17°C (2°F) or above 36°C (96°F) 2) With EVS RVR 2000ft/ VIS 0.5SM, wo EVS use STD 3) Use with Ephrata (KEPH) QNH 4) Baro VNAV NA 5) With EVS RVR 2400ft/ VIS 0.5SM, wo EVS use STD 6) With EVS VIS 0.88SM, wo EVS use STD

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**MWH-KMWH****7-110****VOR 04**

# United States Moses Lake Grant County Intl

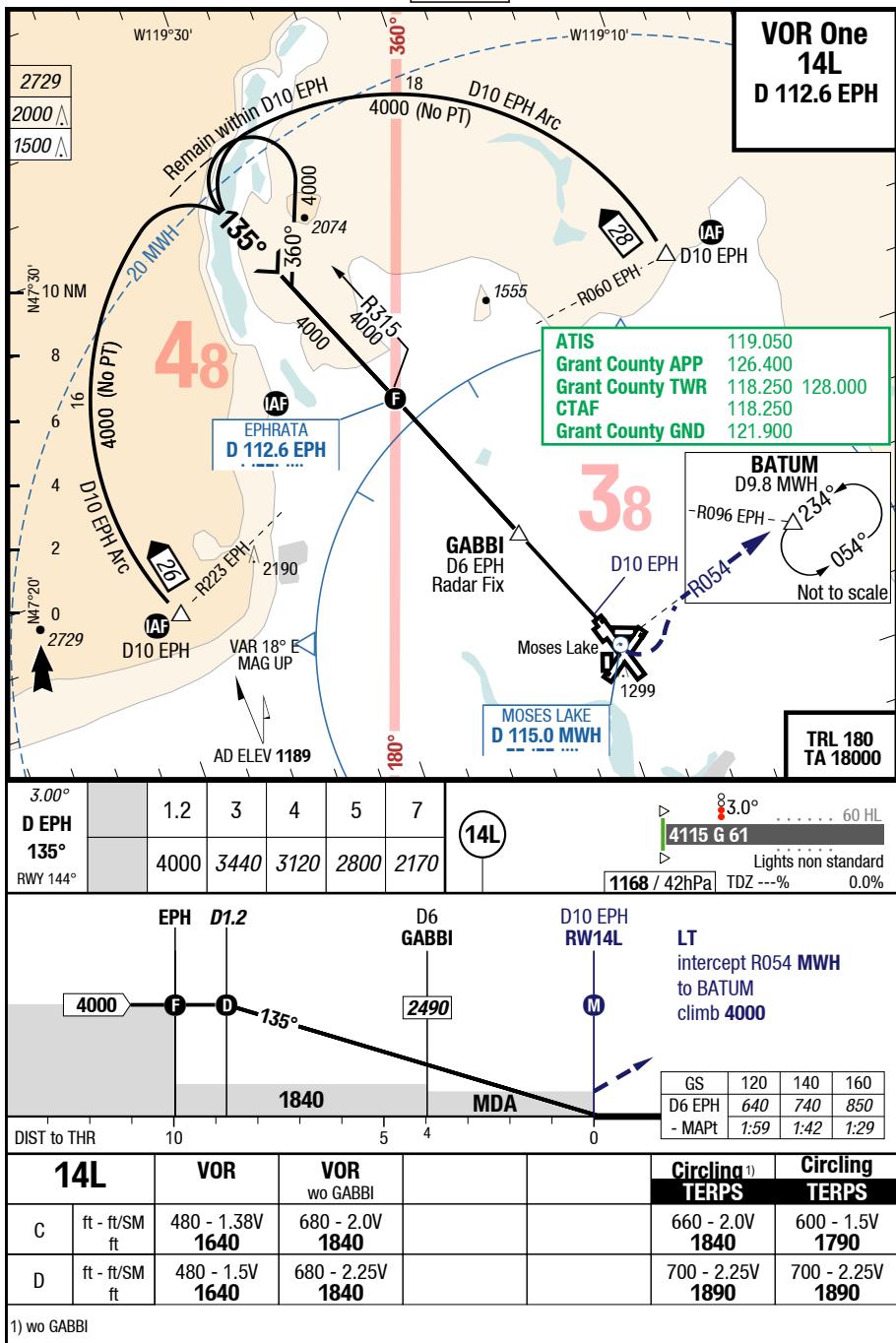
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7-120

VOR One 14L

IAC



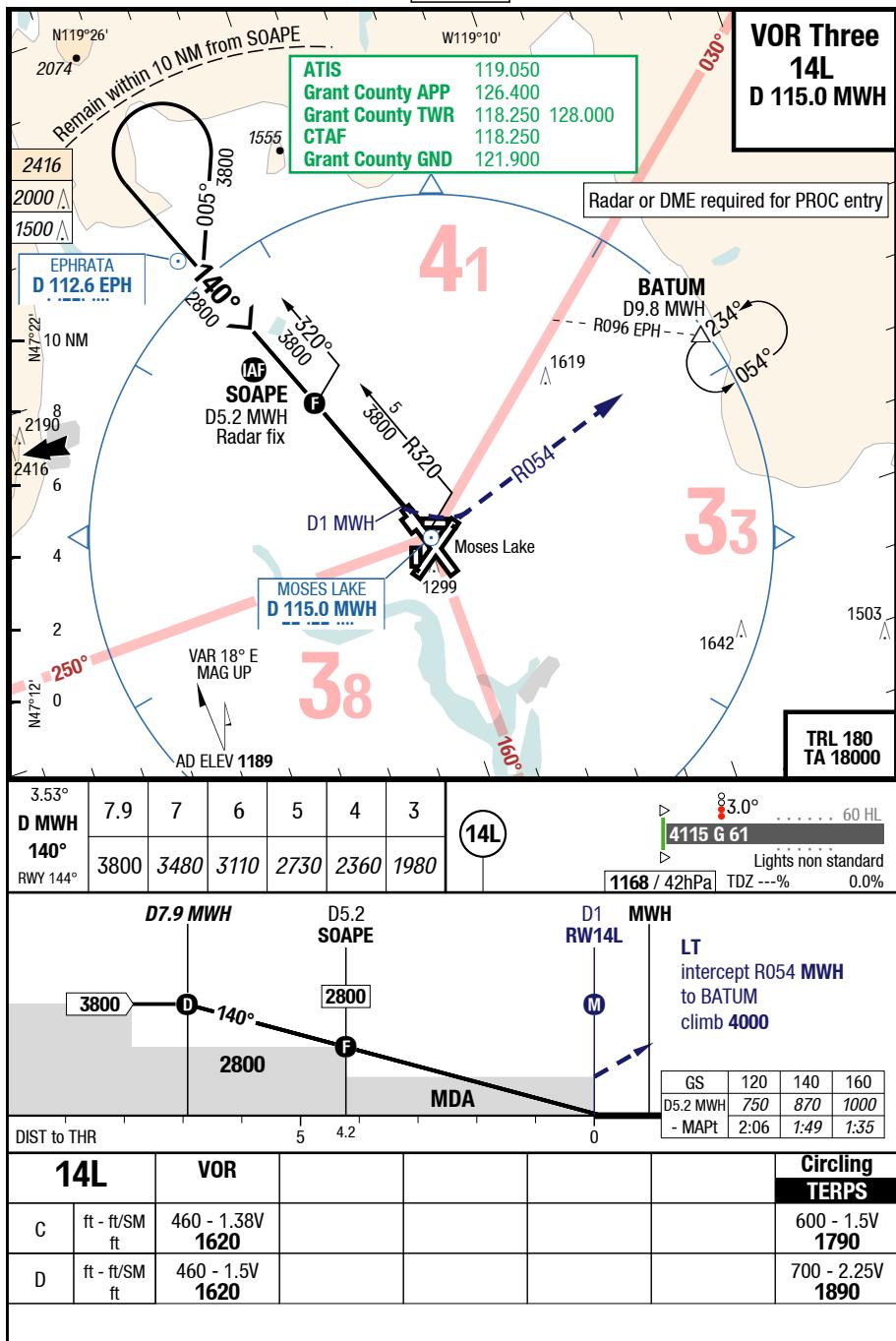
26-FEB-2015

IAC

MWH-KMWH

7-130

VOR Three 14L

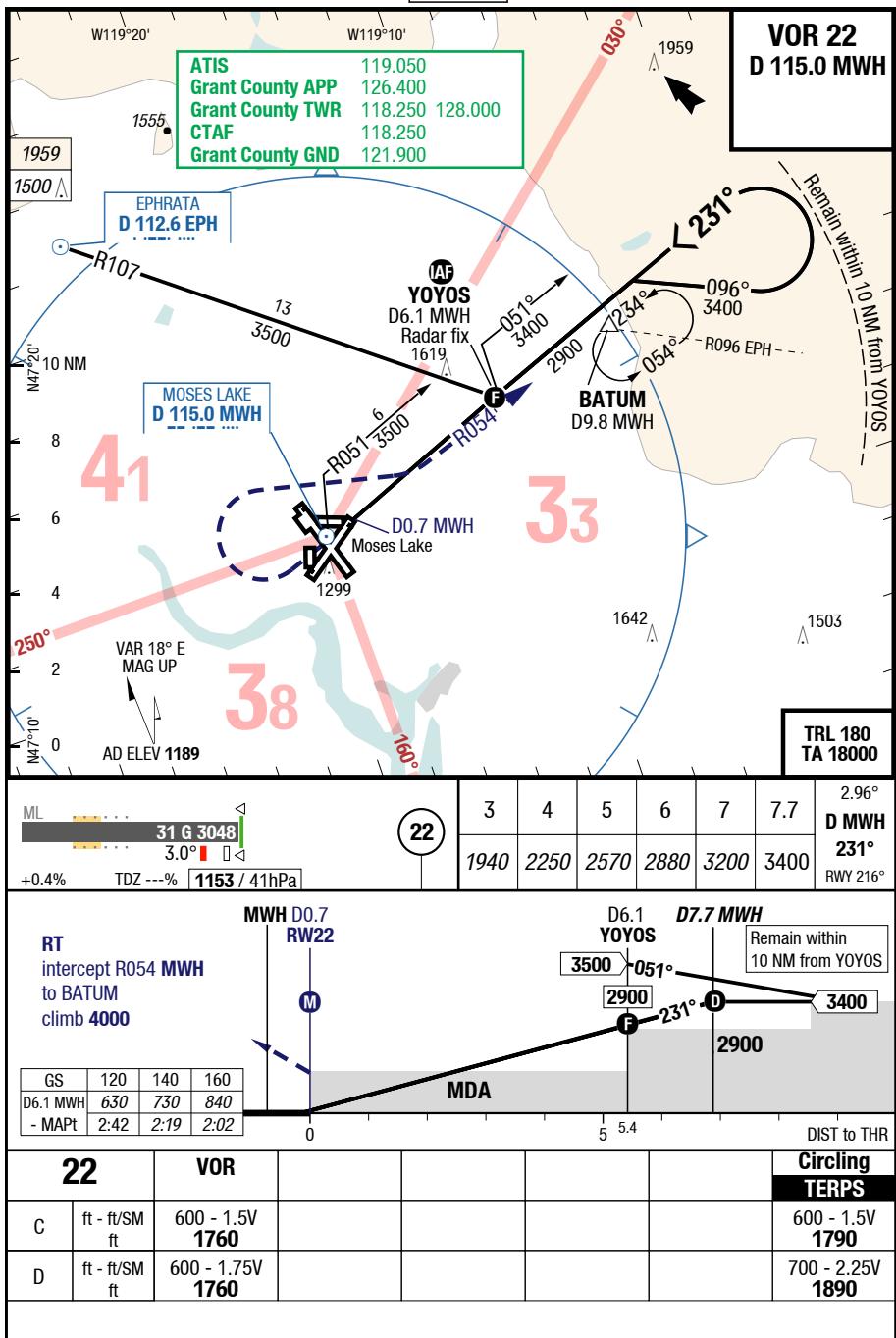


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MWH-KMWH

7-140

VOR 22



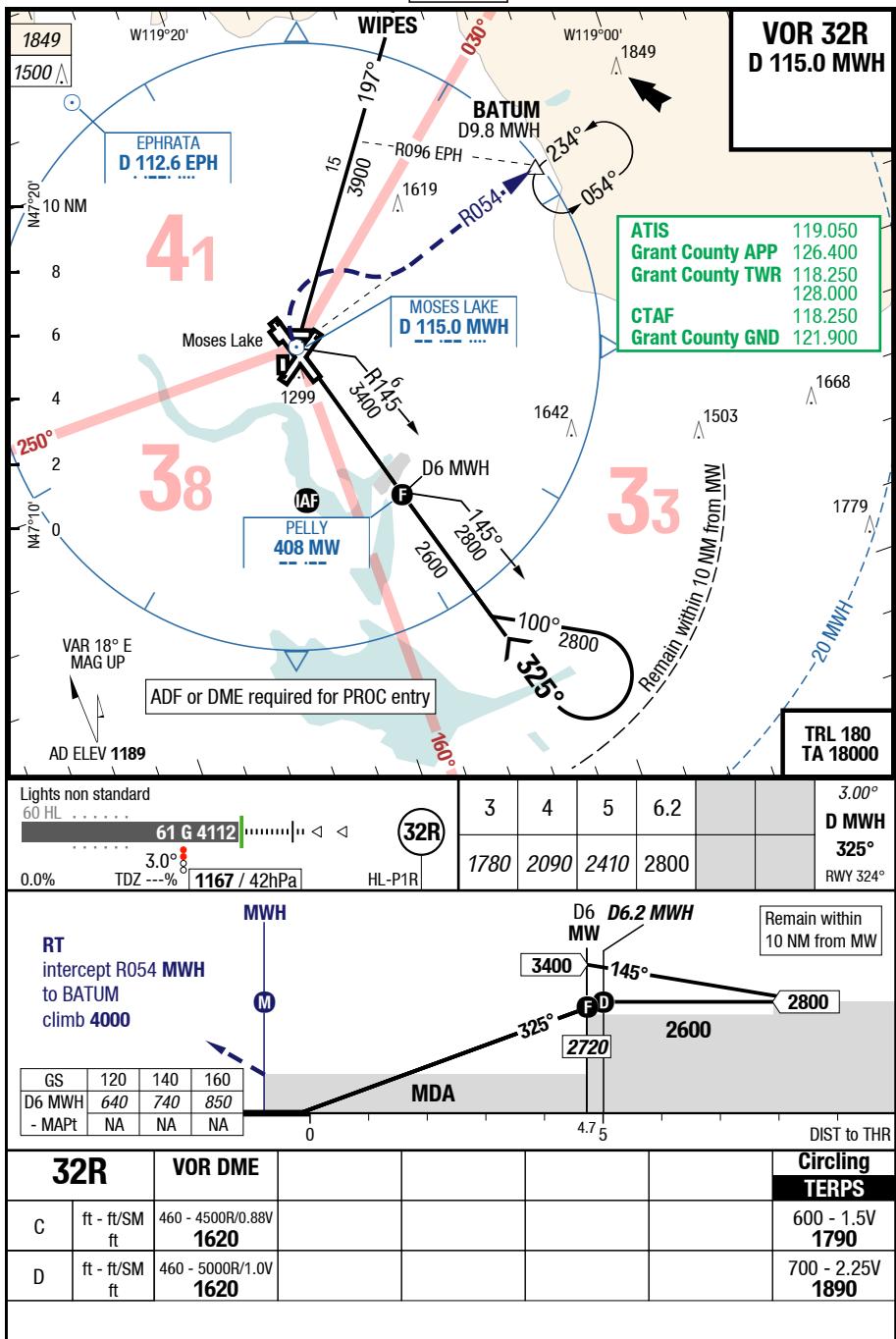
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**MWH-KMWH**

7-150

**VOR 32R**

14



24-OCT-2013

**MWH-KMWH**

7-160

**NDB 32R**

