

## GENERAL

### ATS Hours

H24

All charter FLTs above 5.7t / 12500lbs must contact AD OPS latest 48HRs prior to ARR.

### Airport Information

**RFF:** FAA Index C / CAT 7 PPR

**Fuel:** Jet A

**PCN:** RWY 14/32: 65/R/C/W/T  
RWY 05/23: 15/F/C/X/T

### Operation

**Traffic Note:** RWY and APCH lights are turned off when TWR CLSD, thereafter activation by CTAF.

#### RWY Restriction

RWY 05/23 not AVBL for ACFT with more than 31 PAX seats.

Line of sight restricted between RWY 14 and RWY 32 physical ends.

### Warnings

TWY T1, T2, TWY B and AER RWY 23 only limited visible from TWR.

Extensive MIL TFC in vicinity of AD.

Do not mistake Ellsworth AD 6.5 NM north-northwest for Rapid City AD.

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 05 right-hand circuit.

## DEPARTURE

### Take-off Minima

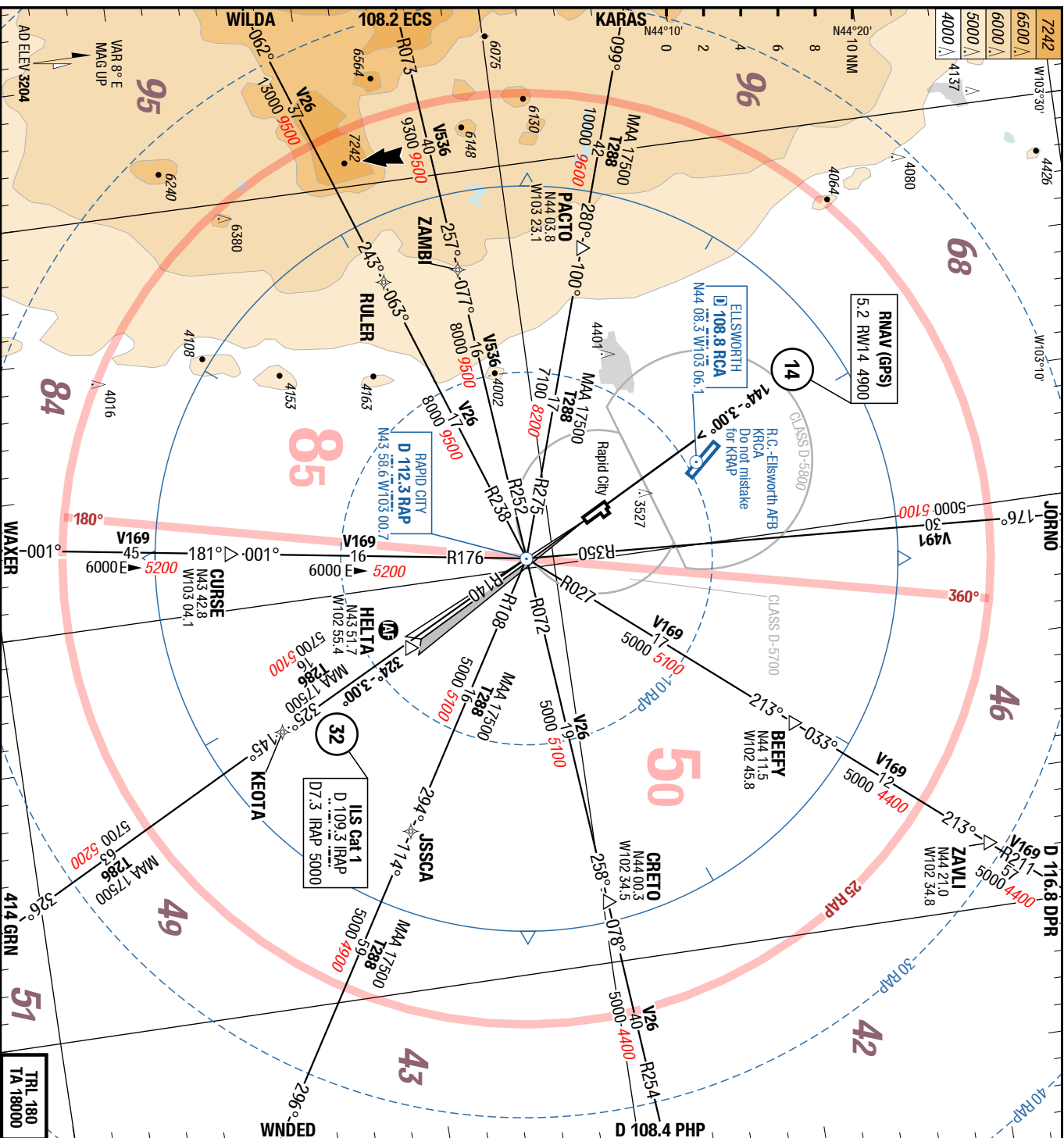
RWY		32	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0v	-
3+4 ENG		0 - 2400R/0.5v	-
RWY		14	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5v	-

### Speed

MAX IAS 250KT below 10000ft.

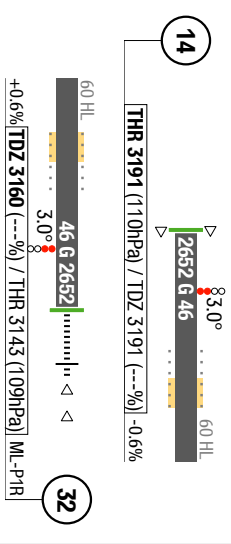
### Communication

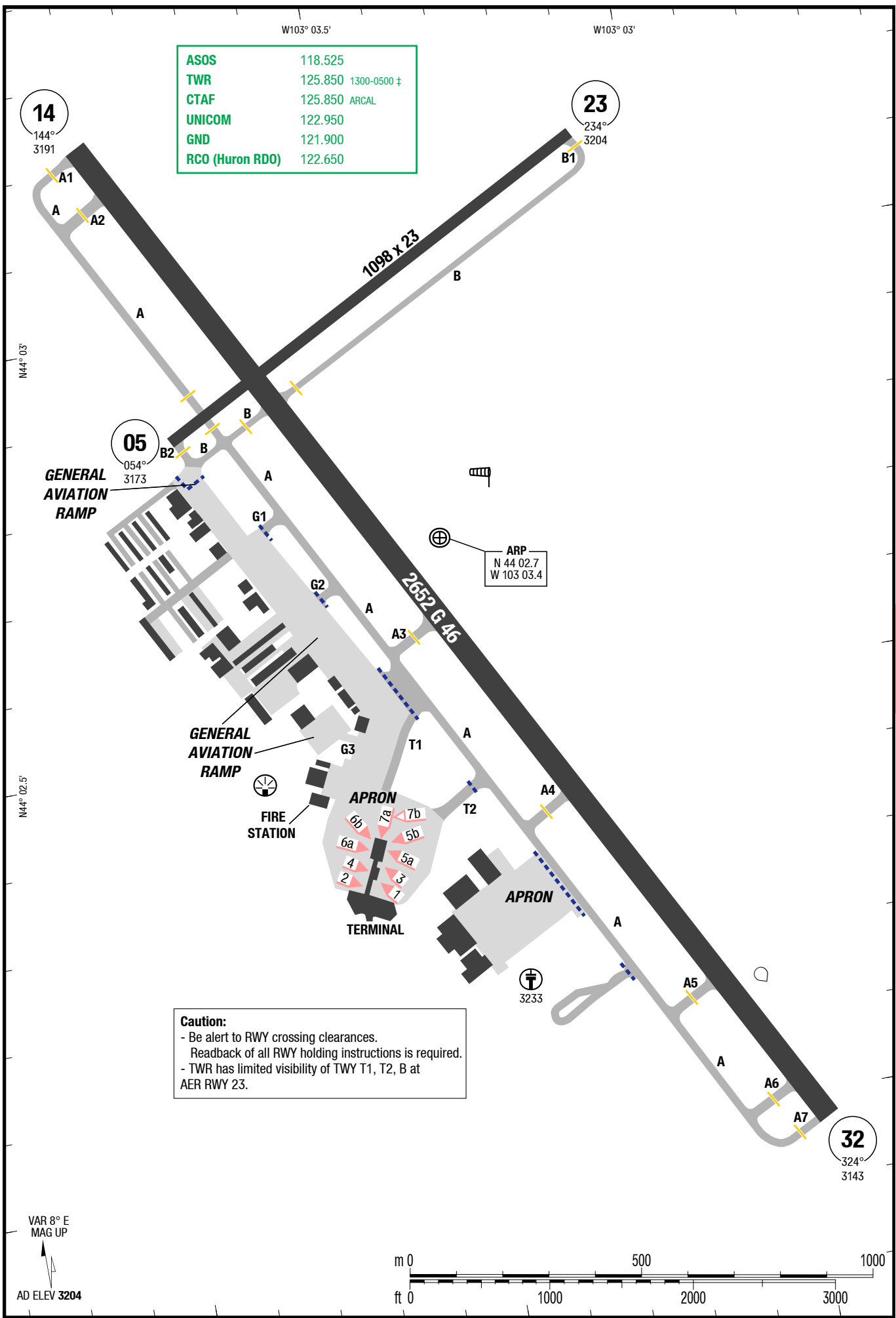
**COM Failure:** See CRAR United States.



ASOS	118.525
Denver Center	127.950
Elsworth APP/DEP	119.500
TWR	125.850 1300-0500 +
CTAF	125.850 ARCAL
UNICOM	122.950
GND	121.900
RCO (Huron RDO)	122.650

Landing RWY system:





**RAP-KRAP**

5-10

**Obstacle Departure**

Obstacle Departure								
		GS	120	150	180	210	240	270
	4.0%	ft/MIN	500	700	800	900	1000	1100
	4.1%	ft/MIN	500	700	800	900	1000	1200
RWY	Routing							
05	Climb on HDG between 255° CW to 210° from DER or 4.0% (240ft/NM) to <b>8800</b> for all other courses.							
14	Climb on HDG between 325° CW to 210° from DER or 4.1% (245ft/NM) to <b>8900</b> for all other courses.							
23	Climb on HDG between 210° CCW to 055° from DER or 4.1% (245ft/NM) to <b>8900</b> for all other courses.							
32	Climb HDG 324° to <b>3700</b> for courses between 255° CW to 140° from DER or 4.1% (244ft/NM) to <b>8800</b> for all other courses.							
RWY	Notes							
05	Fence 132ft from DER, 249ft left of centerline, 13ft AGL/3215ft MSL. Trees beginning 16ft from DER, 188ft right of centerline, 25ft AGL/3234ft MSL. Trees beginning 11ft from DER, 111ft left of centerline, 25ft AGL/3234ft MSL.							
14	Trees beginning 136ft from DER, 123ft right of centerline, 25ft AGL/3174ft MSL. Trees beginning 33ft from DER, 229ft left of centerline, 25ft AGL/3164ft MSL.							
23	Vehicle on road 36ft from DER, 121ft left of centerline, 15ft AGL/3175ft MSL. Hangar 201ft from DER, 298ft left of centerline, 30ft AGL/3193ft MSL. Fence 333ft from DER, 255ft right of centerline, 14ft AGL/3184ft MSL. Trees beginning 199ft from DER, 175ft right of centerline, 25ft AGL/3194ft MSL. Trees beginning 158ft from DER, 159ft left of centerline, 25ft AGL/3194ft MSL.							
32	Fence 1001ft from DER, 750ft right of centerline, 13ft AGL/3233ft MSL. Obstruction light 661ft from DER, 242ft left of centerline, 43ft AGL/3213ft MSL. Trees beginning 31ft from DER, 262ft right of centerline, 25ft AGL/3254ft MSL. Trees beginning 61ft from DER, 146ft left of centerline, 25ft AGL/3204ft MSL.							

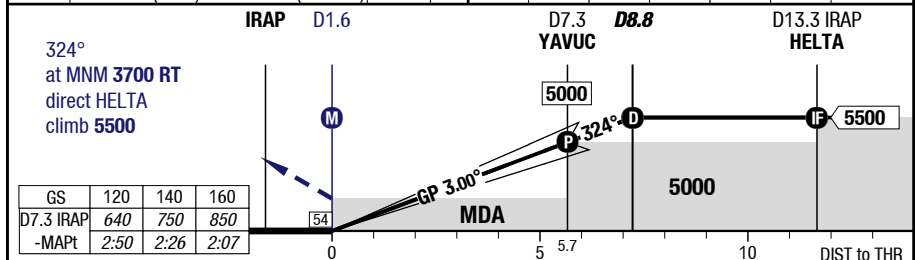
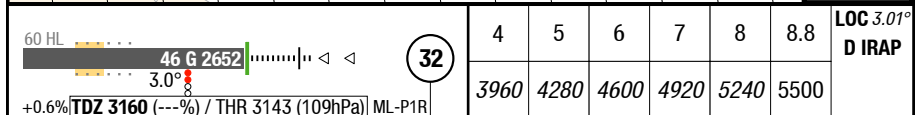
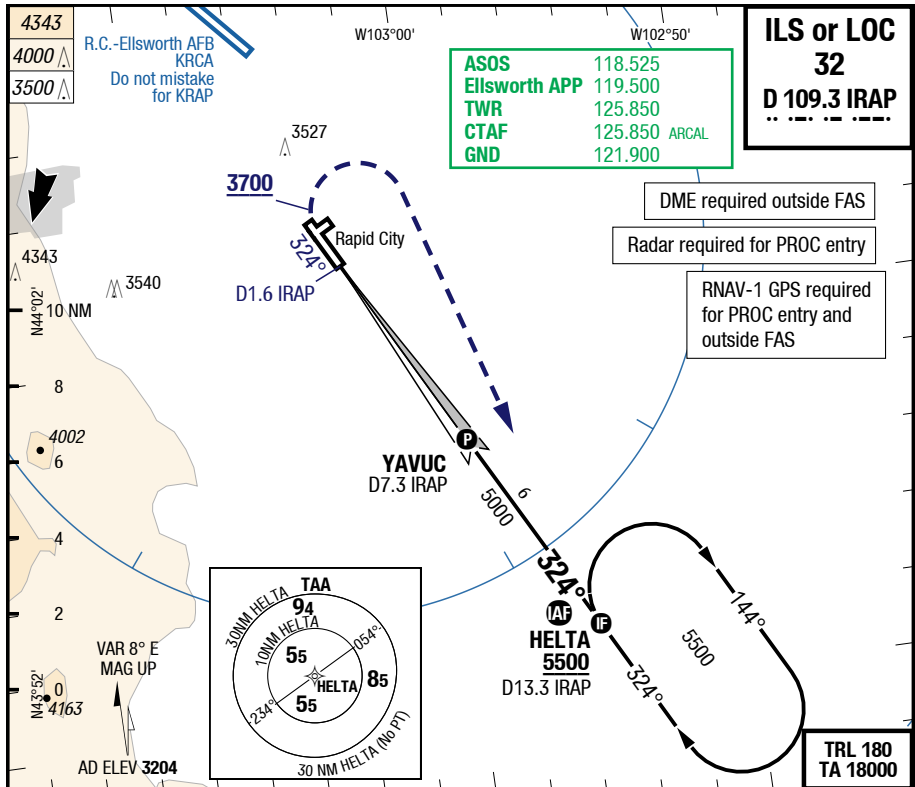
25-JAN-2018  
**RAP-KRAP**

United States **Rapid City** Rapid City Rgnl

IAC

7-10

**ILS or LOC 32**



32		Cat 1 1) 2)	LOC DME	Circling TERPS	
C	ft - ft/SM ft	200 - 1800R/0.5V 3360	460 - 4500R/0.88V 3620	660 - 1.75V 3860	
D	ft - ft/SM ft	200 - 1800R/0.5V 3360	460 - 4500R/0.88V 3620	740 - 2.25V 3940	

1) FD or AP or HGS to DA required, else use 2400ft or 0.5SM  
 2) GS unusable for coupled APCH NA below 3360ft MSL

Changes: MIN, AMDT No

AMDT 21A

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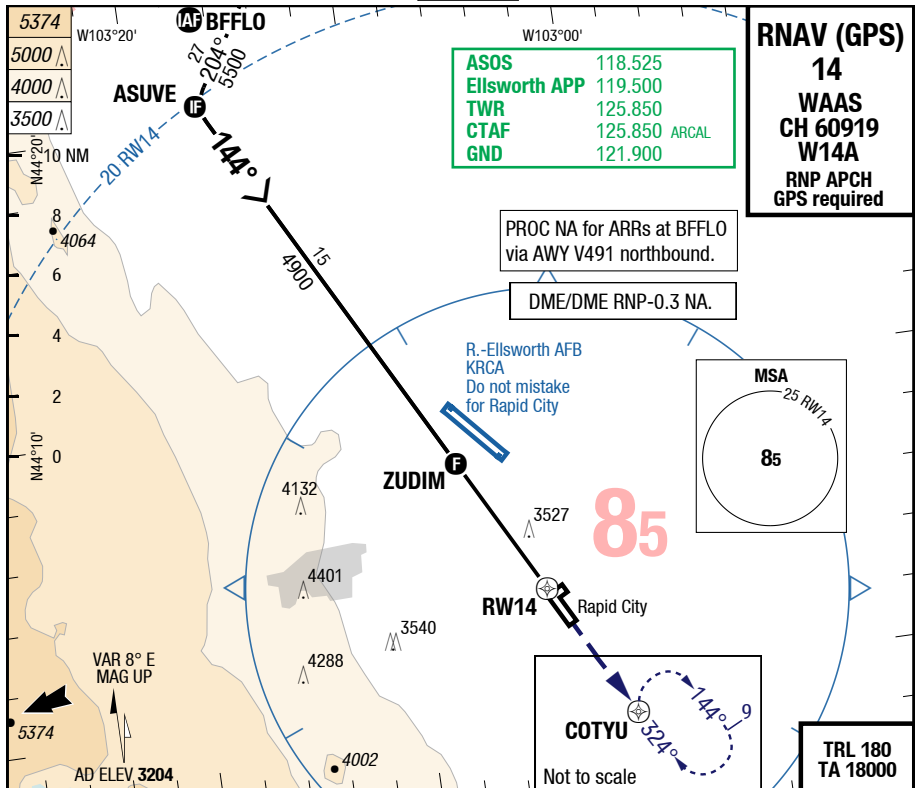
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7-30

**RNAV (GPS) 14**



14		RNAV GPS LPV	RNAV GPS LPV RCA QNH 1)	RNAV GPS VNAV 2)	RNAV GPS VNAV RCA QNH 1) 3)	Circling 4)	Circling 1) 4)
TERPS						TERPS	TERPS
C	ft - ft/SM ft	260 - 1.0V 3450	290 - 1.0V 3480	680 - 2.5V 3880	710 - 2.5V 3900	680 - 2.5V 3890	710 - 2.5V 3910
D	ft - ft/SM ft	260 - 1.0V 3450	290 - 1.0V 3480	680 - 2.5V 3880	710 - 2.5V 3900	700 - 2.5V 3910	710 - 2.5V 3910

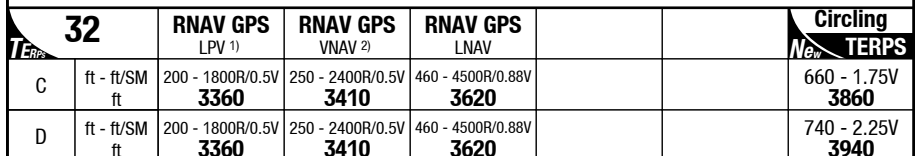
1) Use with Ellsworth AFB (KRCA) QNH 2) Uncompensated BARO VNAV NA below -14°C (7°F) or above 53°C (128°F) 3) BARO VNAV NA  
4) To RWY 05/23 HJ only

Changes: Nil

AMDT 2B

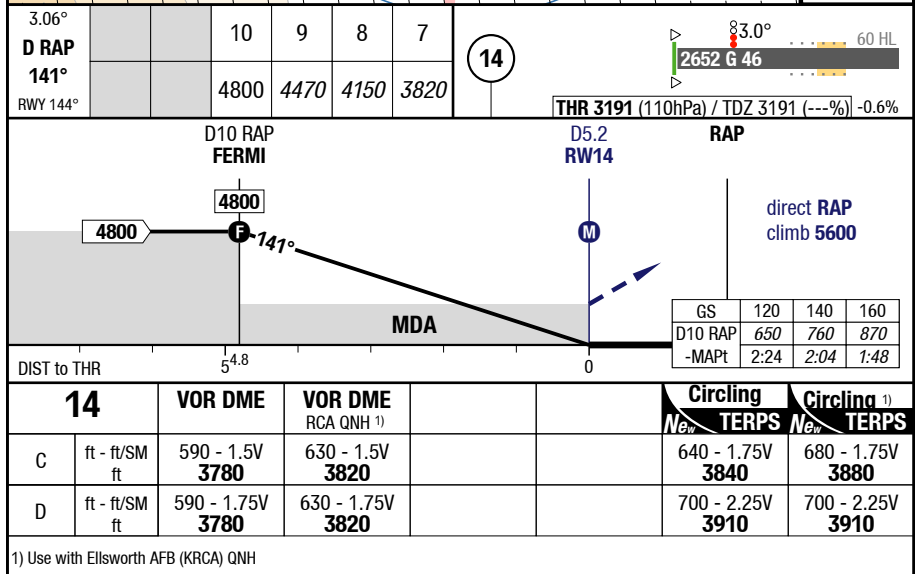
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## RNAV (GPS) 32



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# VOR 14



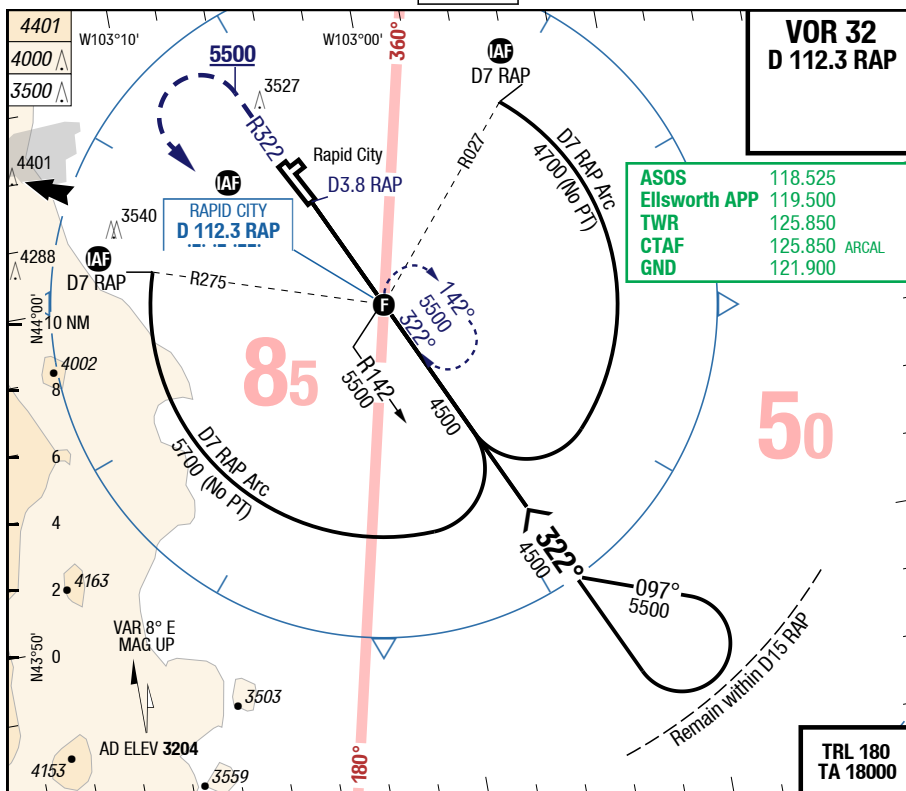
05-JAN-2017

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**RAP-KRAP**

7-60

**VOR 32**

Changes: APL, FREQ, Editorial

AMDT 24G

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**RAP-KRAP**

7-70

**WxMinima Overflow**

<b>TERPS</b> <b>14</b>		<b>RNAV GPS</b> LNAV	<b>RNAV GPS</b> LNAV RCA QNH <sup>1)</sup>				
C	ft - ft/SM ft	590 - 1.75V <b>3780</b>	630 - 1.75V <b>3820</b>				
D	ft - ft/SM ft	590 - 1.75V <b>3780</b>	630 - 1.75V <b>3820</b>				

1) Use with Ellsworth AFB (KRCA) QNH