

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**RNAV - 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**

**MISSED APPROACH**

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BARGR	TODVE (TF) (FO) (RNP 2.00)	342.45 / 17.65	10600
CYS VORTAC	TODVE (TF) (FO) (RNP 2.00)	253.28 / 16.49	10600
TODVE (IF/IAF)	SIGSE (TF) (FB) (RNP 1.00)	085.08 / 6.70	8600
SIGSE	HAXUG (TF) (FB) (RNP 1.00)	085.18 / 2.67	7800
HAXUG (FAF)	WIKAR/2.70 NM TO RW09 (TF) (FB) (RNP 0.30)	085.22 / 2.28	
(SEE FORM 8260-10)			
THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 18-07.			

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW09

CLIMB TO 8500 DIRECT CIVOS AND ON TRACK 120.57 TO HAMER AND HOLD.

ADDITIONAL FLIGHT DATA:  
HOLD SE, RT, 300.51 INBOUND.  
CHART FAS OBST: 6256 ANT + APBN ON OL ATCT 410932N/1044852W, 6244 SIGN 411003N/1045014W.  
DISTANCE TO THLD FROM 330 HAT: 0.88 NM.  
WAAS CHANNEL # 73009  
REFERENCE PATH ID: W09A  
CHART CIRCLING ICON.  
CHART: ASR/PAR  
CHART 6488 WINDMILL 411028N/1045245W  
CHART VDP AT 1.09 MILES TO RW09\* \*LNAV ONLY  
LTP HAE: 1856.4 M

MAG VAR: 10E EPOCH YEAR: 2005

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. HOLD W TODVE, RT, 085.08 INBOUND, 10600 FT. IN LIEU OF PT (IAF)
3. FAC: 085.22 FAF: HAXUG DIST FAF TO MAP: 4.98 THLD: 4.98
4. MIN. ALT: TODVE 10600, SIGSE 8600, HAXUG 7800, WIKAR/2.70 NM TO RW09 7060\*
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT: 7800 GS ALT AT: HAXUG 7800 OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM: RW09 10300

**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
LPV DA	6473	1 1/4	329	6473	1 1/4	329	6473	1 1/4	329	6473	1 1/4	329			
LNAV/VNAV DA	6543	1 1/2	399	6543	1 1/2	399	6543	1 1/2	399	6543	1 1/2	399			
LNAV MDA	6540	1	396	6540	1	396	6540	1	396	6540	1 1/4	396			
CIRCLING	6640	1	480	6640	1	480	6900	2	740	6940	2 1/2	780			

NOTES:  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -27C (-16F) OR ABOVE 36C (96F). @ CAT D 800-2 1/2  
CHART NOTE: DME/DME RNP-0.3 NA.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CYS VORTAC AIRWAY RADIALS 179 CW 317 AND FOR ARRIVALS AT BARGR ON V4 SOUTHEAST BOUND.  
CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.



CITY AND STATE <b>CHEYENNE, WY</b>	ELEVATION: 6160 TDZE: 6144 AIRPORT NAME: <b>CHEYENNE RGNL/JERRY OLSON FIELD</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 9, AMDT 1B</b> 29 MARCH 2018	SUP: AMDT: <b>1A</b> DATED <b>11/13/2014</b>
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**TERMINAL ROUTES, (CONT.):**

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
WIKAR/2.70 NM TO RW09	RW09 (MAP) (TF) (FO) (RNP 0.30)	085.22 / 2.70	
RW09 (MAP)	6474 MSL (CA)	085.22	
6474 MSL	CIVOS (DF) (FB) (RNP 1.00)		
CIVOS	HAMER (TF) (FO) (RNP 1.00)	120.57/9.40	8500



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				AMDT: <b>1A</b>
				DATED: <b>11/13/2014</b>

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCYS
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	410923.7925N
LTP/FTP LONGITUDE	1044908.2150W
LTP/FTP ELLIPSOIDAL HEIGHT	+18564
FPAP LATITUDE	410915.5500N
FPAP LONGITUDE	1044710.7700W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0112
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 6E4184AF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+18725
FPAP ORTHOMETRIC HEIGHT	+18725



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