

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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		
PIR VORTAC	HOSTR (FB)	251.85 / 17.36	4000	LPV: DA LNAV/VNAV: DA LNAV: RW07	
TUZCO	DU CXU (FB)	132.67 / 22.99	4000	CLIMB TO 4000 DIRECT HIWRE AND HOLD.	
JAGSO	AMSIW (FB)	281.19 / 22.21	4000		
DU CXU (IAF)	HOSTR (NOPT) (FB)	158.96 / 6.00	4000		
AMSIW (IAF)	HOSTR (NOPT) (FB)	339.00 / 6.00	4000		
HOSTR (IF/IAF)	ODREF (FB)	068.98 / 6.21	3500		
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 249.36 INBOUND. CHART FAS OBST: 1911 TOWER 442257N/1002033W CHART FAS OBST: 1870 TOWER 442239N/1001843W CHART 2029 TOWER 442203N/1002419W. CHART VDP AT 1.22 MILES TO RW07* *LNAV ONLY. WAAS CHANNEL # 45804 REFERENCE PATH ID: W07A DISTANCE TO THLD FROM 313 HAT: 0.84 NM	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W HOSTR, RT, 068.98 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
- FAC: 069.08 FAF: ODREF DIST FAF TO MAP: 5.29 THLD: 5.29
- MIN. ALT: HOSTR 4000, ODREF 3500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 3500 GS ALT AT: ODREF OM: MM: IM:
- GS ANGLE: 3.00 TCH: 46.7 34:1 IS NOT CLEAR
- MSA FROM: RW07 4200

MAG VAR: 8E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:	STANDARD	X	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	2057	1	313	2057	1	313	2057	1	313	2057	1	313				
LNAV/VNAV DA	2170	1 1/2	426	2170	1 1/2	426	2170	1 1/2	426	2170	1 1/2	426				
LNAV MDA	2180	1	436	2180	1	436	2180	1 1/4	436	2180	1 1/2	436				
CIRCLING	2240	1	496	2240	1	496	2260	1 1/2	516	2300	2	556				

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 45C (113F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PIR VORTAC VIA V26 NORTHEAST BOUND.

CITY AND STATE PIERRE, SD	ELEVATION: 1744 TDZE: 1744 AIRPORT NAME: PIERRE REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 7, AMDT 2 AUG 30 2007	SUP: AMDT: 1 DATED 04/13/2006
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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	KPIR
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	442308.6130N
LTP/FTP LONGITUDE	1001757.5955W
LTP/FTP ELLIPSOIDAL HEIGHT	+05082
FPAP LATITUDE	442328.3900N
FPAP LONGITUDE	1001556.4500W
THRESHOLD CROSSING HEIGHT (TCH)	00046.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0656
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 20748E4C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+05316
FPAP ORTHOMETRIC HEIGHT	+05316

CITY AND STATE PIERRE, SD	ELEVATION: 1744 TDZE: 1744	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 7, AMDT 2 AUG 30 2007	SUP:
	AIRPORT NAME: PIERRE REGIONAL			AMDT: 1
				DATED: 04-13-2006



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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JAGSO	JAGSO	010		IF		FB				
	JAGSO	AMSIW	020	IAF	TF		FB	2.0	281.2 (289T)	022.2	04000
	JAGSO	HOSTR	030		TF		FB	1.0	339.0 (347T)	006.0	04000
	PIR	PIR	010		IF		FB				
	PIR	HOSTR	020	IAF	TF		FB	2.0	251.9 (260T)	017.4	04000
	PIR	HOSTR	030		HF	R	FB		069.0 (077T)	005.0	04000
	TUZCO	TUZCO	010		IF		FB				
	TUZCO	DUCXU	020	IAF	TF		FB	2.0	132.7 (141T)	023.0	04000
	TUZCO	HOSTR	030		TF		FB	1.0	159.0 (167T)	006.0	04000
		HOSTR	010	FACF	IF		FB				04000
		ODREF	020	FAF	TF		FB	0.5	069.0 (077T)	006.2	03500
		RW07	030	MAP	TF		FO	0.3	069.1 (077T)	005.3	01791

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HIWRE	040		DF		FO	1.0			04000
	HIWRE	050		HM	R	FO	2.0	249.4 (257T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PIR	N442340.23	W1000946.34	N4423.671	W10009.772
	AMSIW	N441443.43	W1003142.23	N4414.724	W10031.704
	DUCXU	N442624.93	W1003528.27	N4426.416	W10035.471
	HIWRE	N442555.73	W1000046.26	N4425.929	W10000.771
	HOSTR	N442034.20	W1003335.06	N4420.570	W10033.584
	JAGSO	N440729.24	W1000231.56	N4407.487	W10002.526
	ODREF	N442157.91	W1002508.61	N4421.965	W10025.144
	TUZCO	N444413.55	W1005548.19	N4444.226	W10055.803
	RW07	N442308.61	W1001757.60	N4423.144	W10017.960

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07	01744	47

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			AUG 30 2007	DATED: 04-13-2006

