

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	
ROCNO	FEPDI (FO)	020.11 / 24.04	9100	LP: RW11 LNAV: RW11
RAP VORTAC	FEPDI (FO)	311.28 / 41.51	7000	
FEPDI (IF/IAF)	RIBOY (FB)	111.29 / 4.16	5300	CLIMB TO 7000 DIRECT MOBNE AND ON TRACK 055.24 TO JORNO AND HOLD.
RIBOY	REAGN (FB)	111.35 / 2.00	4900	
REAGN (FAF)	ADESE/2.50 NM TO RW11 (FB)	111.38 / 2.54		ADDITIONAL FLIGHT DATA: HOLD N, RT, 172.25 INBOUND. CHART FAS OBST: 3349 TREE 442451N/1032327W CHART FAS OBST: 3309 TREE 442535N/1032356W WAAS CHANNEL # 53432 REFERENCE PATH ID: W11A REAGN TO RW11: 3.00/50. LTP HAE: 972.9 M
ADESE/2.50 NM TO RW11	RW11 (MAP) (FO)	111.38 / 2.50		
(SEE FORM 8260-10)				

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W FEPDI, RT, 111.29 INBOUND, 6600 FT. IN LIEU OF PT (IAF)
- FAC: 111.38 FAF: REAGN DIST FAF TO MAP: 5.04 THLD: 5.04
- MIN. ALT: FEPDI 6600, RIBOY 5300, REAGN 4900, ADESE/2.50 NM TO RW11 4080
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW11 8600

MAG VAR: 11E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A <input checked="" type="checkbox"/>														
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
LP MDA	3620	1	376	3620	1	376	3620	1	376						
LNAV MDA	3660	1	416	3660	1	416	3660	1 1/8	416						
CIRCLING	3700	1	456	3880	1	636	3900	1 3/4	656						

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: USE ELLSWORTH AFB ALTIMETER SETTING, WHEN NOT RECEIVED, USE SPEARFISH ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE LP CAT C VISIBILITY 3/8 MILE, LNAV CAT C (SEE FORM 8260-10)

CITY AND STATE STURGIS, SD	ELEVATION: 3244 THRE: 3244 AIRPORT NAME: STURGIS MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 11, AMDT 1 2 MAY 2013	SUP: AMDT: ORIG DATED 06/30/2011
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RNAV - STANDARD
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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW11 (MAP)	3644 MSL	111.38	
3644 MSL	MOBNE (FB)		
MOBNE	JORNO (FO)	055.24 / 14.69	7000

NOTES, (CONT.):

VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/2 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RAP VORTAC ON AIRWAY RADIALS 238 CW 027.



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				AMDT: ORIG
				DATED: 06/30/2011

**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	49B
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	442518.4015N
LTP/FTP LONGITUDE	1032301.2715W
LTP/FTP ELLIPSOIDAL HEIGHT	+09729
FPAP LATITUDE	442430.5800N
FPAP LONGITUDE	1032116.3800W
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	1192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

CRC REMAINDER 728E5574

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+09888
FPAP ORTHOMETRIC HEIGHT	+09888



CITY AND STATE STURGIS, SD	ELEVATION: 3244	THRE: 3244	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 11, AMDT 1 2 MAY 2013	SUP:
	AIRPORT NAME: STURGIS MUNI				AMDT: ORIG
					DATED: 06/30/2011

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RAP	RAP	010		IF		FB					
	RAP	FEPDI	020		TF		FO	2.0	311.3 (322.3T)	041.5	AA 07000	
	RAP	FEPDI	030	IAF	HF	R	FO		111.3 (122.3T)	007.0	AA 06600	
	ROCNO	ROCNO	010		IF		FB					
	ROCNO	FEDPI	020		TF		FO	2.0	020.1 (031.1T)	024.0	AA 09100	
	ROCNO	FEDPI	030	IAF	HF	R	FO		111.3 (122.3T)	007.0	AA 06600	
		FEPDI	010	FACF	IF		FB				AA 06600	
		RIBOY	011	SDF	TF		FB	0.5	111.3 (122.3T)	004.2	AA 05300	
		REAGN	020	FAF	TF		FB	0.5	111.4 (122.4T)	002.0	AA 04900	
		ADESE	021	SDF	TF		FB	0.3	111.4 (122.4T)	002.5	AA 04080 GS 04090	
		RW11	030	MAP	TF		FO	0.3	111.4 (122.4T)	002.5	AT 03294	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		111.4 (122.4T)		AA 03644	
	MOBNE	050		DF		FB					
	JORNO	060		TF		FO	1.0	055.2 (066.2T)		AA 07000	
	JORNO	070		HM	R	FO		172.3 (183.3T)	007.0	AA 07000	

PCINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	RAP	N435833.70	W1030044.43	N4358.562	W10300.741
	ADESE	N442638.85	W1032557.96	N4426.648	W10325.966
	FEDPI	N424254.18	W1001023.31	N4242.903	W10010.389
	FEPDI	N443118.20	W1033613.89	N4431.303	W10336.232
	JORNO	N442830.85	W1025821.90	N4428.514	W10258.365
	MOBNE	N442237.28	W1031708.29	N4422.621	W10317.138
	REAGN	N442800.57	W1032857.76	N4428.010	W10328.963
	RIBOY	N442904.81	W1033119.32	N4429.080	W10331.322
	ROCNO	N441044.40	W1035335.78	N4410.740	W10353.596
	RW11	N442518.40	W1032301.27	N4425.307	W10323.021

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	
RW11	03244	50



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	AIRPORT NAME: STURGIS MUNI		RNAV	RNAV (GPS) RWY 11, AMDT 1	AMDT: ORIG
				2 MAY 2013	DATED: 06/30/2011