US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FSD VORTAC	TIBUC (FB)	017.63 / 33.93	3800
GHENT	UCAVE (FB)	221.43 / 23.86	3800
ASTOE (IAF)	SAKNE (NOPT) (FB)	137.92 / 20.92	3800
TIBUC (IAF)	SAKNE (NOPT) (FB)	072.88 / 5.00	3800
UCAVE (IAF)	SAKNE (NOPT) (FB)	253.04 / 5.00	3800
SAKNE (IF/IAF)	RAYOV (FB)	162.96 / 6.00	3700

MISSED APPROACH

LNAV: RW18

CLIMB TO 3300 DIRECT OKOCI AND VIA 180.91 TRACK TO HEVBA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 357.67 INBOUND.
CHART FAS OBST: 2043 TOWER 440223N/0961710W
RAYOV TO RW18: 3.02/40.
CHART VDP AT 1.31 NM TO RWY 18.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N SAKNE, RT, 162.96 INBOUND, 3800 FT. IN LIEU OF PT (IAF)**
3. FAC: **162.98** FAF: **RAYOV** DIST FAF TO MAP: **6.00** THLD: **6.00**
4. MIN. ALT: **SAKNE 3800, RAYOV 3700**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS CLEAR**
8. MSA FROM: **RW18 3900**

MAG VAR: **6E** EPOCH YEAR: **1990**

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
LNAV MDA	**2180**	**1**	**444**	**2180**	**1**	**444**	**2180**	**1 1/4**	**444**		**NA**				
CIRCLING	**2180**	**1**	**444**	**2200**	**1**	**464**	**2280**	**1 1/2**	**544**		**NA**				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SIOUX FALLS ALTIMETER SETTING AND INCREASE ALL MDA'S 120 FEET AND CAT C VISIBILITY 1/4 MILE.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1736 TDZE: 1736	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PIPESTONE, MN	AIRPORT NAME: PIPESTONE MUNI	RNAV	RNAV (GPS) RWY 18, ORIG FEB 14 2008	AMDT: NONE DATED

APPROVED

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NOTES CONT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FSD VORTAC AIRWAY RADIALS 319 CW 046.
CHART NOTE: VDP NA WITH SIOUX FALLS ALTIMETER SETTING.

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PIPESTONE, MN	AIRPORT NAME: PIPESTONE MUNI	RNAV	RNAV (GPS) RWY 18, ORIG FEB 18 2008	AMDT: NONE
				DATED:

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ARINC PACKET - 424-15

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        FSD   K3011500VTHA N43385830W096465220    N43385830W096465220E009001570      NAWSIOUX FALLS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ASTOE K30    C  RL N44275547W096381695                      E0035     NAW           ASTOE
        SUSAEAENRT   GHENT K30    C  RL N44280795W095495448                      E0027     NAW           GHENT
        SUSAEAENRT   HEVBA K30    W  RL N43473172W096190075                      E0036     NAW           HEVBA
        SUSAEAENRT   OKOCI K30    W  RL N43571555W096172309                      E0036     NAW           OKOCI
        SUSAEAENRT   RAYOV K30    W  RL N44050625W096193380                      E0035     NAW           RAYOV
        SUSAEAENRT   SAKNE K30    W  RL N44105962W096210942                      E0035     NAW           SAKNE
        SUSAEAENRT   TIBUC K30    W  RL N44100197W096275851                      E0035     NAW           TIBUC
        SUSAEAENRT   UCAVE K30    W  RL N44115687W096142011                      E0035     NAW           UCAVE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPQNK3APQN     0     043YHN43585989W096180112E006001736         1800018000C    MNAW    PIPESTONE MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPQNK3FP18   AASTOE 010ASTOEK3EA0E  A    IF                                          18000                G  S
        SUSAP KPQNK3FP18   AASTOE 020SAKNEK3EA0EE   010TF                    13790209    + 03800                         G  S
        SUSAP KPQNK3FP18   AFSD   010FSD  K3D 0V       IF                                          18000                G  S
        SUSAP KPQNK3FP18   AFSD   020TIBUCK3EA0E  A 020TF                    01760339    + 03800                         G  S
        SUSAP KPQNK3FP18   AFSD   030SAKNEK3EA0EE   010TF                    07290050    + 03800                         G  S
        SUSAP KPQNK3FP18   AGHENT 010GHENTK3EA0E       IF                                          18000                G  S
        SUSAP KPQNK3FP18   AGHENT 020UCAVEK3EA0E  A 020TF                    22140239    + 03800                         G  S
        SUSAP KPQNK3FP18   AGHENT 030SAKNEK3EA0EE   010TF                    25300050    + 03800                         G  S
        SUSAP KPQNK3FP18   ASAKNE 010SAKNEK3EA0EE CR   HF                    16300040    + 03800     18000               G  S
        SUSAP KPQNK3FP18   P      010SAKNEK3EA0E  I    IF                                + 03800     18000               G  S
        SUSAP KPQNK3FP18   P      020RAYOVK3EA0E  F 051TF                    16300060    + 03700                 RW18  K3PGG  S
        SUSAP KPQNK3FP18   P      030RW18 K3PG0GY M 031TF                    16300060      01774             -302         G  S
        SUSAP KPQNK3FP18   P      040         0  M  010CA                    1630        + 02136                         G  S
        SUSAP KPQNK3FP18   P      050OKOCIK3EA0E    010DF                                                                 G  S
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CITY AND STATE	ELEVATION: 1736 TDZE: 1736	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PIPESTONE, MN	AIRPORT NAME: PIPESTONE MUNI	RNAV	RNAV (GPS) RWY 18, ORIG FEB 14 2008	AMDT: NONE
				DATED:

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SUSAP KPQNK3FP18   P      060HEVBAK3EA0EY   010TF                    1809        + 03300                          G  S
SUSAP KPQNK3FP18   P      070HEVBAK3EA0EE HR020HM                    35770040    + 03300                          G  S
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPQNK3GRW18    0043021777 N43591285W096175850-0100          01734000040075
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPQNK3SRW18 K3PG                0 25180039                        M
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PIPESTONE, MN	ELEVATION: 1736 TDZE: 1736 AIRPORT NAME: PIPESTONE MUNI	RNAV	RNAV (GPS) RWY 18, ORIG FEB 14 2008	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ASTOE	ASTOE	010	IAF	IF		FB				
	ASTOE	SAKNE	020		TF		FB	1.0	137.9(144T)	020.9	03800
	FSD	FSD	010		IF		FB				
	FSD	TIBUC	020	IAF	TF		FB	2.0	017.6(024T)	033.9	03800
	FSD	SAKNE	030		TF		FB	1.0	072.9(079T)	005.0	03800
	GHENT	GHENT	010		IF		FB				
	GHENT	UCAVE	020	IAF	TF		FB	2.0	221.4(227T)	023.9	03800
	GHENT	SAKNE	030		TF		FB	1.0	253.0(259T)	005.0	03800
	SAKNE	SAKNE	010		HF	R	FB		163.0(169T)	004.0	03800
		SAKNE	010	FACF	IF		FB				03800
		RAYOV	020	FAF	TF		FB	0.5	163.0(169T)	006.0	03700
		RW18	030	MAP	TF		FO	0.3	163.0(169T)	006.0	01774

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	163.0(169T)		02136
	OKOCI	050		DF		FB	1.0			
	HEVBA	060		TF		FO	1.0	180.9(187T)		03300
	HEVBA	070		HM	R	FO	2.0	357.7(004T)	004.0	03300

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FSD	N433858.30	W0964652.20	N4338.972	W09646.870
	ASTOE	N442755.47	W0963816.95	N4427.925	W09638.283
	GHENT	N442807.95	W0954954.48	N4428.133	W09549.908
	HEVBA	N434731.72	W0961900.75	N4347.529	W09619.013
	OKOCI	N435715.55	W0961723.09	N4357.259	W09617.385
	RAYOV	N440506.25	W0961933.80	N4405.104	W09619.563
	SAKNE	N441059.62	W0962109.42	N4410.994	W09621.157
	TIBUC	N441001.97	W0962758.51	N4410.033	W09627.975
	UCAVE	N441156.87	W0961420.11	N4411.948	W09614.335
	RW18	N435912.85	W0961758.50	N4359.214	W09617.975

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	01734	40

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