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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ATY VORTAC	DELDE (FB)	132.97 / 14.07	3600
BUCCA (IAF)	DELDE (NOPT) (FB)	254.55 / 14.63	3600
OBITT (IAF)	DELDE (NOPT) (FB)	002.77 / 20.68	3600
DELDE (IF/IAF)	HAVDI (FB)	298.70 / 6.22	3500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

CLIMB TO 3600 DIRECT JEBER AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, LT, 118.37 INBOUND.
CHART FAS OBST: 2074 TOWER 445306N/0970254W
1915 ANT ON OL TANK 445306N/0970254W
CHART VDP AT 1.86 MILES TO RW30* *LNAV ONLY.
WAAS CHANNEL # 50305
REFERENCE PATH ID: W30A
DISTANCE TO THLD FROM 254 HAT: 0.67 NM

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE DELDE, RT, 298.70 INBOUND, 3600 FT. IN LIEU OF PT (IAF)
3. FAC: 298.61 FAF: HAVDI DIST FAF TO MAP: 5.33 THLD: 5.33
4. MIN. ALT: DELDE 3600, HAVDI 3500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3500 GS ALT AT: HAVDI OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR
8. MSA FROM: RW30 4600

MAG VAR: 6E EPOCH YEAR: 1985

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	1990	1	254	1990	1	254	1990	1	254	1990	1	254			
LNAV/VNAV DA	2211	1 3/4	475	2211	1 3/4	475	2211	1 3/4	475	2211	1 3/4	475			
LNAV MDA	2360	1	624	2360	1	624	2360	1 3/4	624	2360	2	624			
CIRCLING	2360	1	611	2360	1	611	2360	1 3/4	611	2360	2	611			

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 PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE BROOKINGS ALTIMETER SETTING AND INCREASE SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1749 TDZE: 1736	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP:
WATERTOWN, SD	AIRPORT NAME: WATERTOWN REGIONAL	RNAV	RNAV (GPS) RWY 30, ORIG AUG 30 2007	AMDT: NONE DATED

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NOTES CONT.
ALL DA'S 105 FEET AND ALL MDA'S 120 FEET.
CHART NOTE: VDP NA WHEN USING BROOKINGS ALTIMETER SETTING.
CHART NOTE: BARO-VNAV NA WHEN USING BROOKINGS ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ATY VORTAC VIA V78 WESTBOUND.

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			AUG 30 2007	DATED:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KATY
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	445443.0000N
LTP/FTP LONGITUDE	0970853.9640W
LTP/FTP ELLIPSOIDAL HEIGHT	+05031
FPAP LATITUDE	445533.5000N
FPAP LONGITUDE	0971037.2600W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0736
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CA124D3E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+05281
FPAP ORTHOMETRIC HEIGHT	+05281

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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 PACKET - 424-17

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ATY   K3011660VTLA N44584669W097083043    N44584669W097083043E009001762      NARWATERTOWN

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BUCCA K30    W   L N44503527W096351621                      E0040     NAR           BUCCA
        SUSAEAENRT   DELDE K30    W   L N44480936W096553225                      E0043     NAR           DELDE
        SUSAEAENRT   HAVDI K30    W   L N44514154W097024362                      E0044     NAR           HAVDI
        SUSAEAENRT   JEBER K30    W   L N45013320W097225622                      E0047     NAR           JEBER
        SUSAEAENRT   OBITT K30    W   L N44274318W096595793                      E0044     NAR           OBITT

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATYK3AATY     0     068YHN44545030W097091700E006001749         1800018000C    MNAR    WATERTOWN REGIONAL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATYK3FR30   AATY   010ATY  K3D 0V       IF                                                18000                 A JS
        SUSAP KATYK3FR30   AATY   020DELDEK3EA0E    020TF                    13300141    + 03600                             A JS
        SUSAP KATYK3FR30   AATY   030DELDEK3EA0EE CR   HF                    29870050    + 03600                             A JS
        SUSAP KATYK3FR30   ABUCCA 010BUCCAK3EA0E  A    IF                                                18000                 A JS
        SUSAP KATYK3FR30   ABUCCA 020DELDEK3EA0EE   010TF                    25460146    + 03600                             A JS
        SUSAP KATYK3FR30   AOBITT 010OBITTK3EA0E  A    IF                                                18000                 A JS
        SUSAP KATYK3FR30   AOBITT 020DELDEK3EA0EE   010TF                    00280207    + 03600                             A JS
        SUSAP KATYK3FR30   R      010DELDEK3EA0E  I    IF                                + 03600     18000                 A JS
        SUSAP KATYK3FR30   R      020HAVDIK3EA0E  F 051TF                    29870062    + 03500                  RW30  K3PGA JS
        SUSAP KATYK3FR30   R      030RW30 K3PG0GY M 031TF                    29860050      01778             -300           A JS
        SUSAP KATYK3FR30   R      040JEBERK3EA0EYM  010DF                                + 03600                             A JS
        SUSAP KATYK3FR30   R      050JEBERK3EA0EE HL020HM                    11840050    + 03600                             A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATYK3GRW30    0065992985 N44544300W097085396+0200          01733030045150
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CITY AND STATE	ELEVATION: 1749 TDZE: 1736	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
WATERTOWN, SD	AIRPORT NAME: WATERTOWN REGIONAL	RNAV	RNAV (GPS) RWY 30, ORIG AUG 30 2007	AMDT: NONE
				DATED:

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                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATYK3PR30   RW30 001 0000W30A0N4454430000W09708539640+050310300N4455335000W0971037260010675073600045 0F400500CA124D3E
        SUSAP KATYK3PR30   RW30 002       +05281+05281W30A      50305          000

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KATYK3SRW30 K3PG               0 25180046                       M
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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
	ATY	ATY	010		IF		FB				
	ATY	DELDE	020		TF		FB	2.0	133.0(139T)	014.1	03600
	ATY	DELDE	030		HF	R	FB		298.7(305T)	005.0	03600
	BUCCA	BUCCA	010	IAF	IF		FB				
	BUCCA	DELDE	020		TF		FB	1.0	254.6(261T)	014.6	03600
	OBITT	OBITT	010	IAF	IF		FB				
	OBITT	DELDE	020		TF		FB	1.0	002.8(009T)	020.7	03600
		DELDE	010	FACF	IF		FB				03600
		HAVDI	020	FAF	TF		FB	0.5	298.7(305T)	006.2	03500
		RW30	030	MAP	TF		FO	0.3	298.6(305T)	005.0	01778

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JEBER	040		DF		FO	1.0			03600
	JEBER	050		HM	L	FO	2.0	118.4(124T)	005.0	03600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ATY	N445846.69	W0970830.43	N4458.778	W09708.507
	BUCCA	N445035.27	W0963516.21	N4450.588	W09635.270
	DELDE	N444809.36	W0965532.25	N4448.156	W09655.538
	HAVDI	N445141.54	W0970243.62	N4451.692	W09702.727
	JEBER	N450133.20	W0972256.22	N4501.553	W09722.937
	OBITT	N442743.18	W0965957.93	N4427.720	W09659.966
	RW30	N445443.00	W0970853.96	N4454.717	W09708.899

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	01733	45

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