

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		LPV: DA LNAV/VNAV: DA LNAV: RW35 CLIMB TO 4100 DIRECT ZIGS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, LT, 174.51 INBOUND. FAS OBST: 2029 AAO 403430N/0980554W DISTANCE TO THLD FROM 237 HATH: 0.62 NM. WAAS CHANNEL # 86531 REFERENCE PATH ID: W35A CHART AURORA AWOS-3 LTP HAE: 524.8 M							
SUEKI		HULUN (FB)		267.77 / 17.02				4000									
NUCDI		HULUN (FB)		211.86 / 21.17				4000									
HSI VOR/DME		KUWUC (FB)		124.54 / 12.96				4000									
HULUN (IAF)		CHALS (NOPT) (FB)		264.60 / 6.00				4000									
KUWUC (IAF)		CHALS (NOPT) (FB)		084.42 / 6.00				4000									
CHALS (IF/IAF)		PENEW (FB)		354.51 / 6.10				3300									
PENEW (FAF)		RW35 (MAP) (FO)		354.51 / 4.56													
(SEE FORM 8260-10)																	
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S CHALS, LT, 354.51 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>354.51</u> FAF: <u>PENEW</u> DIST FAF TO MAP: <u>4.56</u> THLD: <u>4.56</u> 4. MIN. ALT: CHALS 4000, PENEW 3300 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>3300</u> GS ALT AT: <u>PENEW 3300</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW35 4100</u>														MAG VAR: 5E		EPOCH YEAR: 2010	
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		X					
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		2043	1	237	2043	1	237		NA			NA					
LNAV/VNAV DA		2093	1	287	2093	1	287		NA			NA					
LNAV MDA		2320	1	514	2320	1	514		NA			NA					
CIRCLING		2320	1	505	2320	1	505		NA			NA					
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: USE AURORA MUNI ALTIMETER SETTING; WHEN NOT RECEIVED, USE CENTRAL NEBRASKA RGNL ALTIMETER SETTING AND INCREASE ALL DA 18 FEET, AND ALL MDA 20 FEET. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HSI VOR/DME ON V380 NORTHBOUND. (SEE FORM 8260-10)																	
CITY AND STATE		ELEVATION: 1815			THRE: 1806			FACILITY IDENTIFIER: RNAV			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
HARVARD, NE											RNAV (GPS) RWY 35, AMDT 1			AMDT: ORIG			
					HARVARD STATE						7 MARCH 2013			DATED 01/13/2011			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW35 (MAP)	2043 MSL	354.51	
2043 MSL	ZIGIS (FO)		4100

NOTES, (CONT.):

CHART NOTE: BARO-VNAV NA.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

QUALITY
2
CHECKED

CITY AND STATE
HARVARD, NE

ELEVATION: 1815 THRE: 1806
AIRPORT NAME:
HARVARD STATE

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, AMDT 1
7 MARCH 2013

SUP:
AMDT: ORIG
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RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	08K
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W35A
REFERENCE PATH IDENTIFIER (APPROACH ID)	403843.7250N
LTP/FTP LATITUDE	0980456.7165W
LTP/FTP LONGITUDE	+05248
LTP/FTP ELLIPSOIDAL HEIGHT	404012.8800N
FPAP LATITUDE	0980457.7200W
FPAP LONGITUDE	00040.0
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	106.75
COURSE WIDTH AT THRESHOLD	1616
LENGTH OFFSET	50.0
HORIZONTAL ALERT LIMIT (HAL)	35.0
VERTICAL ALERT LIMIT (VAL)	

CRC REMAINDER

AEBB864C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+05505
FPAP ORTHOMETRIC HEIGHT	+05505

QUALITY
2
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CITY AND STATE HARVARD, NE	ELEVATION: 1815 THRE: 1806 AIRPORT NAME: HARVARD STATE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 7 MARCH 2013	SUP:
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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	08K	K3FR35	ACHALS	010CHALSK3EA0EE	AL	HF		35450040	+	04000	18000		A JS
SUSAP	08K	K3FR35	AHSI	010HSI	K3D	0V	IF				18000		A JS
SUSAP	08K	K3FR35	AHSI	020KUWUCK3EA0E	A	020TF		12450130	+	04000			A JS
SUSAP	08K	K3FR35	AHSI	030CHALSK3EA0EE	B	010TF		08440060	+	04000			A JS
SUSAP	08K	K3FR35	ANUCDI	010NUCDIK3EA0E		IF					18000		A JS
SUSAP	08K	K3FR35	ANUCDI	020HULUNK3EA0E	A	020TF		21190212	+	04000			A JS
SUSAP	08K	K3FR35	ANUCDI	030CHALSK3EA0EE	B	010TF		26460060	+	04000			A JS
SUSAP	08K	K3FR35	ASUEKI	010SUEKIK3EA0E		IF					18000		A JS
SUSAP	08K	K3FR35	ASUEKI	020HULUNK3EA0E	A	020TF		26780170	+	04000			A JS
SUSAP	08K	K3FR35	ASUEKI	030CHALSK3EA0EE	B	010TF		26460060	+	04000			A JS
SUSAP	08K	K3FR35	R	010CHALSK3EA0E	I	IF			+	04000	18000		A JS
SUSAP	08K	K3FR35	R	020PENEWK3EA1E	F	051TF		35450061	+	03300		RW35 K3PGA	JS
SUSAP	08K	K3FR35	R	020PENEWK3EA2WALPV			ALNAV/VNAV	ALNAV					JS
SUSAP	08K	K3FR35	R	030RW35	K3PGOGY	M	031TF	35450046		01846	-300		A JS
SUSAP	08K	K3FR35	R	040		0	M	CA	3545	+	02043		A JS
SUSAP	08K	K3FR35	R	050ZIGISK3EA0EY		DF			+	04100			A JS
SUSAP	08K	K3FR35	R	060ZIGISK3EA0EE	L	HM		17450040	+	04100			A JS

[illegible]

CITY AND STATE HARVARD, NE	ELEVATION: 1815 THRE: 1806 AIRPORT NAME: HARVARD STATE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 7 MARCH 2013	SUP:
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QUALITY
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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
	CHALS	CHALS	010	IAF	HF	L	FO		354.5(359.5T)	004.0	AA 04000	
	HSI	HSI	010		IF		FB					
	HSI	KUWUC	020	IAF	TF		FB	2.0	124.5(129.5T)	013.0	AA 04000	
	HSI	CHALS	030		TF		FB	1.0	084.4(089.4T)	006.0	AA 04000	
	NUCDI	NUCDI	010		IF		FB					
	NUCDI	HULUN	020	IAF	TF		FB	2.0	211.9(216.9T)	021.2	AA 04000	
	NUCDI	CHALS	030		TF		FB	1.0	264.6(269.6T)	006.0	AA 04000	
	SUEKI	SUEKI	010		IF		FB					
	SUEKI	HULUN	020	IAF	TF		FB	2.0	267.8(272.8T)	017.0	AA 04000	
	SUEKI	CHALS	030		TF		FB	1.0	264.6(269.6T)	006.0	AA 04000	
		CHALS	010	FACF	IF		FB				AA 04000	
		PENEW	020	FAF	TF		FB	0.5	354.5(359.5T)	006.1	AA 03300	
		RW35	030	MAP	TF		FO	0.3	354.5(359.5T)	004.6	AT 01846	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		354.5(359.5T)		AA 02043	
	ZIGIS	050		DF		FO				AA 04100	
	ZIGIS	060		HM	L	FO		174.5(179.5T)	004.0	AA 04100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HSI	N403616.33	W0982546.62	N4036.272	W09825.777
	CHALS	N402803.72	W0980449.55	N4028.062	W09804.826
	HULUN	N402806.53	W0975657.87	N4028.109	W09756.965
	KUWUC	N402800.37	W0981241.22	N4028.006	W09812.687
	NUCDI	N404504.47	W0974019.78	N4045.075	W09740.330
	PENEW	N403409.66	W0980453.65	N4034.161	W09804.894
	SUEKI	N402719.32	W0973441.22	N4027.322	W09734.687
	ZIGIS	N405055.72	W0980504.96	N4050.929	W09805.083
	RW35	N403843.73	W0980456.72	N4038.729	W09804.945

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	01806	40

QUALITY
2
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