

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> SIOUX COUNTY RGNL	<u>AIRPORT ID</u> KSXK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> MAURICE	<u>STATE</u> IA	
<u>AIRPORT ELEVATION</u> 1409	<u>TDZE</u> 1409	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 2E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> CONCURRENT WITH AIRSPACE DOCKET #18-ACE-03	<u>CANCEL/SUSPEND</u>		

TAA **THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-05.**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 082/30 CW 262/30	NOPT	HALGA	IF/IAF	4500
2. 262/30 CW 082/30	PT	HALGA	IF/IAF	4500

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
HALGA	IF/IAF	HADKU		TF	FB	1.00	172.49	8.00	3300
HADKU	FAF	HAMUP/2.36 NM TO RW17		TF	FB	0.30	172.51	3.45	
HAMUP/2.36 NM TO RW17		RW17	MAP	TF	FO	0.30	172.51	2.36	
RW17	MAP	1609 MSL		CA			172.51		
1609 MSL		SKYLE		DF	FO	1.00			4500

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4500 DIRECT SKYLE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD N HALGA, RT, 172.49 INBOUND, 4500 FT. IN LIEU OF PT (IAF), MAX 8000.

3. FAC: 172.51

FAF: HADKU

DIST FAF TO MAP: 5.81

DIST FAF TO THLD: 5.81

4. MIN ALT: HALGA 4500, HADKU 3300, HAMUP/2.36 NM TO RW17 2200*

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

200 HAT: 0.50

GS ANT:

6. MIN GP INCPT: 3300

GP ALT AT FAF : HADKU 3300

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 40.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LE MARS ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 34°C.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED; USE LE MARS ALTIMETER SETTING: INCREASE DA 59 FEET AND ALL MDA 60 FEET. INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM AND LNAV CAT C/ D VISIBILITIES TO 7/8 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 0.91 NM TO RW17*
*LNAV ONLY
WAAS CHANNEL #82242
REFERENCE PATH ID: W17A
CHART FAS OBST: 1474 TREE 425936N/0960926W.
CHART: 1941 TOWER 430534N/0960925W.
HOLD S, RT, 352.53 INBOUND
LTP HAE: 403 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ NA WHEN LOCAL WEATHER NOT AVAILABLE.; STANDARD - CAT D 800-2 1/4

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1609	3/4	200	1609	3/4	200	1609	3/4	200	1609	3/4	200			
LNAV/VNAV DA	1659	3/4	250	1659	3/4	250	1659	3/4	250	1659	3/4	250			
LNAV MDA	1740	1	331	1740	1	331	1740	1	331	1740	1	331			
CIRCLING	1820	1	411	2080	1	671	2080	2	671	2080	2 1/4	671			



CHANGES - REASONS

12/20/2018: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON: 06/01/2018:

1. CHANGED PROCEDURE FROM ROUTINE TO CONCURRENT WITH AIRSPACE.

01/16/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/26/18.

1. REMOVED DUPLICATE HAMUP/2.36 NM TO RW17 2200 FROM LINE 4 IN PROFILE.

COORDINATED WITH:**A4A** ☐ **ALPA** ☐ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, SUX APP CON, ARPT MGR**FLIGHT CHECKED BY**

GREGORY SCOTT WIEBE

*Digitally signed by***DONALD H LANIER**

Jan 16, 2019

OFFICE

FIOG

DATE

12/09/2018

DEVELOPED BY

LONNIE EVERHART (ANDRE MARSH)

*Digitally signed by***DONALD H LANIER**

Jan 16, 2019

OFFICE

AJV-5400

DATE

06/01/2018

APPROVED BY

LONNIE EVERHART

*Digitally signed by***DONALD H LANIER**

Jan 16, 2019

OFFICE

AJV-5400

DATE**TITLE**

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSXK
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	425936.0150N
LTP/FTP LONGITUDE	0960944.5770W
LTP/FTP ELLIPSOIDAL HEIGHT	+04030
FPAP LATITUDE	425807.3010N
FPAP LONGITUDE	0960932.9770W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1080
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	86B0888C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04294
FPAP ORTHOMETRIC HEIGHT	+04294

