

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 ID</u> KSPW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> SPENCER	<u>STATE</u> IA		
<u>AIRPORT ELEVATION</u> 1339	<u>TDZE</u> 1338	<u>SUPERSEDED</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 05/26/2016	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 JANUARY 2022	<u>REQUIRED EFFECTIVE DATE</u> CONCURRENT WITH RNAV (GPS) RWY 12, AMDT 1	<u>CANCEL/SUSPEND</u>		

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 211/30 CW 031/30	NOPT	ONUWA	IF/IAF	4000
2. 031/30 CW 211/30		ONUWA	IF/IAF	4000

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ONUWA	IF/IAF	MESVE		TF	FB	1.00	301.42	7.56	3000
MESVE	FAF	UMANY/1.80 NM TO RW30		TF	FB	0.30	301.32	3.27	
UMANY/1.80 NM TO RW30		RW30	MAP	TF	FO	0.30	301.32	1.80	
RW30	MAP	1588 MSL		CA			301.32		
1588 MSL		YAYDU		DF	FO	1.00			4000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW30

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4000 DIRECT YAYDU AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD SE ONUWA, RT, 301.42 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	301.32	FAF: MESVE	DIST FAF TO MAP: 5.07	DIST FAF TO THLD: 5.07	
4. MIN ALT:	ONUWA 4000, MESVE 3000, UMAN/1.80 NM TO RW30 1940				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.64	GS ANT:
6. MIN GP INCPT:	3000	GP ALT AT FAF :	MESVE 3000	OM:	MM:
7. GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR
			TCH:	50.0	
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ESTHERVILLE ALTIMETER SETTING.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ESTHERVILLE ALTIMETER SETTING: INCREASE LPV DA TO 1648 FEET, LNAV/VNAV DA TO 1683 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 60 FEET AND VISIBILITY CATS C AND D 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART CRYPT CENTRAL MOA, CRYPT NORTH MOA  
CHART MINNEAPOLIS CENTER FREQUENCY  
HOLD NW, RT, 121.09 INBOUND.  
CHART FAS OBST: 1425 TREE (19-040147) 430900N/0951119W.  
CHART 1764 TOWER 430647N/0950653W.  
CHART VDP AT 1.13 NM TO RW30.  
WAAS CHANNEL # 87133  
REFERENCE PATH ID: W30A  
CHART CIRCLING ICON.  
LTP HAE: 376.3 M



**MINIMUMS:**

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

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

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	1588	3/4	250	1588	3/4	250	1588	3/4	250	1588	3/4	250			
LNAV/VNAV DA	1623	7/8	285	1623	7/8	285	1623	7/8	285	1623	7/8	285			
LNAV MDA	1720	1	382	1720	1	382	1720	1 1/8	382	1720	1 1/8	382			
CIRCLING	1760	1	421	1800	1	461	2100	2 1/4	761	2100	2 1/2	761			

**CHANGES - REASONS**

1. PROFILE LINE 7: ADDED 20:1 "IS CLEAR" - IAW 8260.19I 8-6-7G.
  2. AMENDED AND RELOCATED "DISTANCE TO THLD FROM "250 HATH: 0.63 NM" FROM ADDITIONAL FLIGHT DATA TO "DISTANCE TO THLD FROM 250 HAT: 0.64" TO PROFILE LINE 5 - 8260.19I, 8-6-7
  3. ADDITIONAL FLIGHT DATA: AMENDED CHART VDP FROM "1.10" TO "1.13" - VDP RECALCULATED WITH CURRENT DATA.
  4. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" - IAW 8260.19I 8-6-8.
  5. AMENDED CHART NOTE FROM "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" TO "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - UPDATED NOTE FORMAT IAW 8260-19I, 8-6-9.
  6. AMENDED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F) TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C OR ABOVE 54C" - REMOVED FAHRENHEIT VALUES.
  7. AMENDED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ESTHERVILLE ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FT; INCREASE LPV AND LNAV/VNAV ALL CATS, LNAV AND CIRCLING CATS C/D VISIBILITIES 1/4 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ESTHERVILLE ALTIMETER SETTING: INCREASE LPV DA TO 1648 FEET, LNAV/VNAV DA TO 1683 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 60 FEET AND VISIBILITY CATS C AND D 1/4 SM." - IAW 8260.19I 8-6-11.N.(1)(A).
  8. AMENDED CIRCLING CMDA/HAA CAT A FROM "1740/401" TO "1760/421" - REVISED OBSTACLE.
  9. AMENDED CIRCLING CMDA/HAA CAT B FROM "1820/481" TO "1800/461" - BASED ON RNAV (GPS) RWY 12 AMDT 1 WITH SAME PUB DATE.
  10. CHANGED FAS DATA LTP/FTP LATITUDE/LONGITUDE FROM "430942.4805N/0951143.9355W" TO 430942.4210N/0951143.8235W" - BASED ON UPDATED DATA
  11. CHANGED FAS DATA LTP/FTP ELLIPSOIDAL HEIGHT FROM "+03783" TO "+03763" - BASED ON UPDATED DATA.
  12. CHANGED FAS DATA FPAP LATITUDE/LONGITUDE FROM "431035.1800N/0951322.1300W" TO "431035.1160N/0951322.0140W" - BASED ON UPDATED DATA.
  13. ADDED "CHART MINNEAPOLIS CENTER FREQUENCY" TO ADDITIONAL FLIGHT DATA - 8260.19I 8-2-4.B(1).
  14. ADDED "CHART CRYPT CENTRAL MOA, CRYPT NORTH MOA" TO ADDITIONAL FLIGHT DATA - 8260.19I 8-6-10.I
  15. AMENDED MISSED APPROACH CA AND DF LEGS FROM "1585" TO "1588" - IAW 8260.19I 4-6-5D
  16. AMENDED CHART FAS OBST FROM "1416 TREE 430936N/0951024W" TO "1425 TREE (19-040147) 430900N/0951119W" - NEW EVALUATION.
  17. REMOVED "LNAV ONLY" FROM ADDITIONAL FLIGHT DATA - 8260.19I PARAGRAPH 8-6-10M.
  18. REMOVED "\*" FROM LINE 4 AND ADDITIONAL FLIGHT DATA - 8260.19I PARAGRAPH 8-6-10M
  19. AMENDED FAS DATA CRC REMAINDER FROM "C32FF12C" TO "426613E6" - BASED ON UPDATED DATA.
  20. ADDED "MAX 6000" TO HOLD-IN-LIEU ON LINE 2 - IAW 8260.19I PARA 8-6-7.B.(2).
  21. CHANGED ADDITIONAL FLIGHT DATA HOLDING COURSE FROM 121.08 TO 121.09 - RWY 12 H-I-L COURSE CHANGED.
  22. CHANGED ADDITIONAL FLIGHT DATA LTP HAE FROM 378.3 TO 376.3 - REVISED AIRNAV DATA.
- CHANGES FROM P-NOTAMS FOR AMDT 1A & 1B INCORPORATED INTO FORM - REQUIRED IAW 8260.19I PARA 8-3-4.C.(3).  
THIS CANCELS T NOTAM 1/7220.  
CONCURRENT WITH RNAV (GPS) RWY 12, AMDT 1.

AIRPORT ID  
KSPW

PROCEDURE NAME  
RNAV (GPS) RWY 30

ORIGINAL/AMENDMENT  
1C

CITY  
SPENCER

STATE  
IA

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZMP, AMGR

FLIGHT CHECKED BY

BRIAN P CARSON

*Digitally signed by*  
**CASIMIR L TABAKA**

Nov 10, 2021

OFFICE

FPO

DATE

10/29/2021

DEVELOPED BY

ANA VEGA

*Digitally signed by*  
**ANA Y VEGA**  
Sep 21, 2021

OFFICE

AJV-A411

DATE

08/04/2021

APPROVED BY

JULIE MORGAN

*Digitally signed by*  
**CASIMIR L TABAKA**

Sep 29, 2021

OFFICE

AJV-A410

DATE

TITLE  
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSPW
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	430942.4210N
LTP/FTP LONGITUDE	0951143.8235W
LTP/FTP ELLIPSOIDAL HEIGHT	+03763
FPAP LATITUDE	431035.1160N
FPAP LONGITUDE	0951322.0140W
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	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	426613E6
<u>ADDITIONAL PATH POINT RECORD INFORMATION</u>	
ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04068
FPAP ORTHOMETRIC HEIGHT	+04068