

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 36	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> SPENCER	<u>STATE</u> IA		
<u>AIRPORT ELEVATION</u> 1339	<u>TDZE</u> 1337	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 02/05/2015	<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. 271/30 CW 091/30	NOPT	ICOSU	IF/IAF	4000
2. 091/30 CW 271/30		ICOSU	IF/IAF	4000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ICOSU	IF/IAF	JOPDA		TF	FB	1.00	000.58	6.00	3000
JOPDA	FAF	HOFFN/2.50 NM TO RW36		TF	FB	0.30	000.59	2.55	
HOFFN/2.50 NM TO RW36		RW36	MAP	TF	FO	0.30	000.59	2.50	
RW36	MAP	1588 MSL		CA			000.59		
1588 MSL		EJFIF		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT EJFIF AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	1588	1	251	1588	1	251		NA			NA				
LNAV/VNAV DA	1732	1 1/8	395	1732	1 1/8	395		NA			NA				
LNAV MDA	1720	1	383	1720	1	383		NA			NA				
CIRCLING	1760	1	421	1800	1	461		NA			NA				

CHANGES - REASONS

1. PROFILE LINE 7: ADDED 20:1 "IS CLEAR" - IAW 8260.19I 8-6-7G.
 2. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" - IAW 8260.19I 8-6-8.
 3. AMENDED AND RELOCATED "DISTANCE TO THLD FROM "250 HATH: 0.62 NM" FROM ADDITIONAL FLIGHT DATA TO "DISTANCE TO THLD FROM 251 HAT: 0.62" TO PROFILE LINE 5 - 8260.19I, 8-6-7
 4. ADDITIONAL FLIGHT DATA: AMENDED CHART VDP FROM "0.85" TO "1.03" - VDP RECALCULATED WITH CURRENT DATA.
 5. ADDED CHART PLAINVIEW NOTE "FINAL APPROACH COURSE OFFSET 0.01 DEGREES" - DIFFERENCE BETWEEN IPDS AND TARGETS EVALUATIONS AND PER 8260.19I PARA 8-6-10G(1).
 6. AMENDED MISSED APPROACH CA AND DF LEGS FROM "1587" TO "1588" - IAW 8260.19I 4-6-5D
 7. AMENDED LNAV/VNAV DA/HAT ALL CATS FROM "1588/250" TO "1732/395" AND LNAV MDA/HAT ALL CATS FROM "1660/322" TO "1720/383" - REVISED OBSTACLE AND TDZE CHANGED.
 8. AMENDED LPV HAT FROM "250" TO "251" - REVISED TDZE FROM 1338 TO 1337 AND CAN'T LOWER DA ON ABBREVIATED AMDT.
 9. AMENDED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - IAW 8260.19I 8-6-11.K(3).
 10. 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" - IAW 8260.19I 8-6-9.R.
 11. AMENDED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ESTHERVILLE ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ESTHERVILLE ALTIMETER SETTING: INCREASE LPV DA TO 1648 FEET, LNAV/VNAV DA TO 1792 FEET AND LNAV/VNAV VISIBILITY 1/4 SM; INCREASE ALL MDAS 60 FEET." - IAW 8260.19I 8-6-11.N.(1)(a).
 12. AMENDED CIRCLING CMDA/HAA CAT A FROM "1740/401" TO "1760/421" - REVISED OBSTACLE.
 13. AMENDED CIRCLING CMDA/HAA CAT B FROM "1820/481" TO "1800/461" - NEW CONTROLLING OBSTACLE BASED ON RNAV (GPS) RWY 12 AMDT 1 WITH SAME PUB DATE.
 14. AMENDED CHART FAS OBST FROM "1404 TREE 430833N/0951210W" TO "1453 ELEVATOR (19-062458) 430829N/0951248W" - NEW CONTROLLING OBSTACLE.
 15. AMENDED LNAV/VNAV VISIBILITY FROM "1" TO "1 1/8" - NEW CALCULATION WITH CURRENT DATA.
 16. UPDATED FAS DATA FPAP LATITUDE/LONGITUDE FROM "431059.1100N/0951200.2600W" TO "431059.1080N/0951200.2460W" - BASED ON UPDATED DATA.
 17. UPDATED LENGTH OFFSET FROM "1200" TO "1192" - BASED ON UPDATED DATA.
 18. REMOVED "*" FROM LINE 4 AND ADDITIONAL FLIGHT DATA - 8260.19I PARAGRAPH 8-6-10M
 19. REMOVED "LNAV ONLY" FROM ADDITIONAL FLIGHT DATA - 8260.19I PARAGRAPH 8-6-10M
 20. ADDED "CHART CRYPT CENTRAL MOA, CHART CRYPT NORTH MOA" TO ADDITIONAL FLIGHT DATA - 8260.19I 8-6-10.I
 21. ADDED "CHART MINNEAPOLIS CENTER FREQUENCY" TO THE ADDITIONAL FLIGHT DATA - 8260.19I 8-2-4.B(1).
 22. AMENDED FAS DATA CRC REMAINDER FROM "82816306" TO "311B8A01" - BASED ON UPDATED DATA.
 23. ADDED "MAX 6000" TO HOLD-IN-LIEU ON LINE 2 - IAW 8260.19I PARA 8-6-7.B.(2).
 24. ADDED CLIMB-IN-HOLD TO MA INSTRUCTIONS - IAW 8260.3E 16-7-3.
 25. TDZE CHANGED FROM 1338 TO 1337 - REVISED AIRNAV DATA.
- CHANGES FROM P-NOTAM FOR AMDT 1A INCORPORATED INTO FORM - REQUIRED IAW 8260.19I PARA 8-3-4.C.(3).
- THIS CANCELS T NOTAM 1/7221.
- CONCURRENT WITH RNAV (GPS) RWY 12, AMDT 1.

AIRPORT ID
KSPW

PROCEDURE NAME
RNAV (GPS) RWY 36

ORIGINAL/AMENDMENT
1B

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

08/10/2021

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	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	430930.4155N
LTP/FTP LONGITUDE	0951212.1435W
LTP/FTP ELLIPSOIDAL HEIGHT	+03791
FPAP LATITUDE	431059.1080N
FPAP LONGITUDE	0951200.2460W
THRESHOLD CROSSING HEIGHT (TCH)	00053.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	311B8A01

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04076
FPAP ORTHOMETRIC HEIGHT	+04076