

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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> ILS OR LOC RWY 12	<u>ORIGINAL/AMENDMENT</u> 2C	<u>CITY</u> SPENCER	<u>STATE</u> IA		
<u>AIRPORT ELEVATION</u> 1339	<u>TDZE</u> 1339	<u>SUPERSEDED</u> ILS OR LOC RWY 12	<u>ORIGINAL/AMENDMENT</u> 2B	<u>DATED</u> 06/20/2019	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> I-SPW	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 24 MARCH 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
FEDVO/SPW VOR/DME 14.00 DME		SPW VOR/DME					035.16	14.00	3500
DOSNY/SPW VOR/DME 14.00 DME		SPW VOR/DME					229.08	14.00	3500
SPW VOR/DME		SNORE LOM/SPW VOR/DME 6.98 DME					302.28	6.98	3500
DOSNY/SPW VOR/DME 14.00 DME CCW	IAF	YAYDU/SPW VOR/DME 14.00 DME					14.00 DME ARC (SPW LR-310)		3500
FEDVO/SPW VOR/DME 14.00 DME CW	IAF	YAYDU/SPW VOR/DME 14.00 DME					14.00 DME ARC (SPW LR-292)		3500
YAYDU/SPW VOR/DME 14.00 DME	IF	SNORE LOM/SPW VOR/DME 6.98 DME					121.25	7.02 (I-SPW)	3500

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.28 NM AFTER SNORE LOM/SPW VOR/DME 6.98 DME OR AT SPW VOR/DME 0.71 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 THEN RIGHT TURN DIRECT SPW VOR/DME THEN ON SPW VOR/DME R-302 TO SNORE LOM/SPW VOR/DME 6.98 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



AIRPORT ID

KSPW

PROCEDURE NAME

ILS OR LOC RWY 12

ORIGINAL/AMENDMENT

2C

CITY

SPENCER

STATE

IA

PROFILE:

1. PT

L

SIDE OF COURSE

301.25

OUTBOUND

3500

FT WITHIN

10

MILES OF

SP OM (IAF)

2.

3. FAC:

121.25

FAF: SNORE LOM/SPW

VOR/DME 6.98 DME

DIST FAF TO MAP:

6.28

DIST FAF TO THLD:

6.28

4. MIN ALT:

SNORE LOM/SPW VOR/DME 6.98 DME 3500

5. DIST TO THLD FROM OM:

6.28

MM:

IM:

150 HAT:

GS ANT:

927

6. MIN GS INCPT:

3500

GS ALT AT PFAF :

OM:

3412

MM:

IM:

7. GP ANGLE:

3.00

34:1:

20:1:

TCH:

53.0

8. MSA FROM:

SP OM 360-270 3000, 270-360 3400

EQUIPMENT REQUIREMENTS NOTES:

ADF OR DME REQUIRED

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 12 CATS C AND D VISIBILITY TO 1 5/8 SM.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ESTHERVILLE ALTIMETER SETTING AND INCREASE S-ILS 12 DA TO 1599 FEET; INCREASE ALL MDAS 60 FEET AND S-LOC 12 VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

CHART NOTE: FOR INOPERATIVE ALS, WHEN USING ESTHERVILLE ALTIMETER SETTING, INCREASE S-LOC 12 CATS C AND D VISIBILITY TO 1 3/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 121.25 INBOUND.

FAS OBST: 1630 AAO 431305N/0951821W.

CHART 1932 WINDMILL 431344N/0952035W.

CHART SPW R-049 AT DOSNY.

CHART SPW R-215 AT FEDVO.

CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA

X

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
S-ILS 12	1539	1/2	200	1539	1/2	200	1539	1/2	200	1539	1/2	200			
S-LOC 12	1900	1/2	561	1900	1/2	561	1900	1 1/4	561	1900	1 1/4	561			
CIRCLING	1900	1	561	1900	1	561	2100	2 1/4	761	2100	2 1/2	761			

QUALITY
21
CHECKED

CHANGES - REASONS

INCORPORATED CHANGES FROM P-NOTAM AMDTS 2A AND 2B.
 CHANGED "DOSNY INT/SPW VOR/DME 14.00 DME" TO "DOSNY/SPW VOR/DME 14.00 DME" - REMOVED INT CROSSING RADIAL DUE TO FPT REQUEST (OTG VORMON).
 FINAL CONTROLLING OBSTACLE CHANGED FROM "1513 TRANSMISSION_LINE 431219N/0951721W" TO "1630 AAO 431304.87N/0951820.71W" - BASED ON MAP STUDY.
 S-LOC 12 MDA/HAT RAISED FROM "1840/501" TO "1900/561" ALL CATS - NEW FAS OBSTACLE FOR AAO BASED ON MAP STUDY.
 S-LOC 12 CATS C AND D VISIBILITY CHANGED FROM "1" TO "1 1/4" - HIGHER MDA/HAT.
 CIRCLING CAT A & B MDA/HAA CHANGED FROM "1840/501" TO "1900/561" - S-LOC 12 STRAIGHT-IN MINIMA.
 CHANGED BACKUP ALTIMETER NOTE FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ESTHERVILLE ALTIMETER SETTING: INCREASE DA AND ALL MDA 60 FEET; INCREASE VISIBILITY S-LOC 12 CATS C AND D AND CIRCLING CATS C AND D 1/4 SM." TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ESTHERVILLE ALTIMETER SETTING AND INCREASE S-ILS 12 DA TO 1599 FEET; INCREASE ALL MDAS 60 FEET AND S-LOC 12 VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM." - IAW 8260.19I PARA 8-6-11.
 CHANGED CHART NOTE FROM "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 12 CATS C AND D VISIBILITY TO 1 3/8 SM." TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 12 CATS C AND D VISIBILITY TO 1 5/8 SM."- IAW 8260.19I PARA 8-6-11.
 CHANGED CHART NOTE FROM "CHART NOTE: FOR INOPERATIVE ALS, WHEN USING ESTHERVILLE ALTIMETER SETTING, INCREASE S-ILS 12 ALL CATS VISIBILITY TO 1 SM AND S-LOC 12 CATS C AND D VISIBILITY TO 1 5/8 SM." TO "CHART NOTE: FOR INOPERATIVE ALS, WHEN USING ESTHERVILLE ALTIMETER SETTING, INCREASE S-ILS 12 ALL CATS VISIBILITY TO 1 SM AND S-LOC 12 CATS C AND D VISIBILITY TO 1 3/4 SM."- IAW 8260.19I PARA 8-6-11.
 MOVED "ADF OR DME REQUIRED" FROM NOTES TO EQUIPMENT REQUIRMENTS NOTES - IAW 8260-19I PARA 8-6-8.

COORDINATED WITH:

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

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

Digitally signed by

OFFICE

Digitally signed by

DATE

DAVID TEFFETELLER

Jan 28, 2022

DEVELOPED BY

STEVEN M. BARNETT (TEVAR MALONE)

DAVID TEFFETELLER

Jan 28, 2022

OFFICE

AJV-A433

DATE

10/18/2021

APPROVED BY

LONNIE EVERHART

Digitally signed by

DAVID TEFFETELLER

Jan 28, 2022

OFFICE

AJV-A430

DATE

03/23/2022

TITLE

MANAGER

