

**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> KSFF	<u>PROCEDURE NAME</u> ILS OR LOC RWY 22R	<u>ORIGINAL/AMENDMENT</u> 1E	<u>CITY</u> SPOKANE	<u>STATE</u> WA		
<u>AIRPORT ELEVATION</u> 1957	<u>TDZE</u> 1957	<u>SUPERSEDED</u> ILS OR LOC RWY 22R	<u>ORIGINAL/AMENDMENT</u> 1D	<u>DATED</u> 07/21/2016	<u>MAG VAR</u> 16E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> I-FLZ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 JUNE 2023	<u>REQUIRED EFFECTIVE DATE</u> 06/15/2023	<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>
GEG VORTAC		AZTEM INT/I-FLZ 15.58 DME					044.33	29.56	7200
HILIE INT/COE 16.23 DME		COE VOR/DME					321.86	16.23	7900
COE VOR/DME	IAF	AZTEM INT/I-FLZ 15.58 DME	NOPT				272.28	7.98	7100
AZTEM INT/I-FLZ 15.58 DME	IF/IAF	DIYSA/I-FLZ 11.04 DME					221.18	4.54 (I-FLZ)	5700
DIYSA/I-FLZ 11.04 DME		HANSN/I-FLZ 6.58 DME					221.18	4.47 (I-FLZ)	4300

MISSED APPROACH

MAP:

ILS: DA
LOC: IZELY/I-FLZ 0.70 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3300 THEN CLIMBING LEFT TURN TO 5000 ON HEADING 200 AND GEG VORTAC R-080 TO GEG VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



AIRPORT ID

KSFF

PROCEDURE NAME

ILS OR LOC RWY 22R

ORIGINAL/AMENDMENT

1E

CITY

SPOKANE

STATE

WA

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NE AZTEM, LT, 221.18 INBOUND, 7100 FT. IN LIEU OF PT (IAF), MAX 7200.

3. FAC:

221.18

FAF: HANSN/I-FLZ 6.58 DME

DIST FAF TO MAP:

DIST FAF TO THLD: 6.02

4. MIN ALT: AZTEM INT/I-FLZ 15.58 DME 7100, DIYSA/I-FLZ 11.04 DME 5700, HANSN/I-FLZ 6.58 DME 4300, LOLCI/I-FLZ 3.54 DME 3140

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT: 736

6. MIN GS INCPT:

4300

GS ALT AT PFAF :

HANSN/I-FLZ 6.58 DME 4300

OM:

MM:

IM:

7. GS ANGLE:

3.60

34:1:

20:1:

TCH:

42.6

8. MSA FROM: GEG VORTAC 007-187 6500, 187-007 5300

EQUIPMENT REQUIREMENTS NOTE:

DME REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA NW OF RWY 4L-22R.

CHART NOTE: CIRCLING RWY 22L NA AT NIGHT.

CHART NOTE: RWY 22R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS CAT A/B/C VISIBILITY TO 7/8 SM, INCREASE S-LOC CAT A VISIBILITY TO 1 SM AND CAT C VISIBILITY TO 2 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 035.00 INBOUND.

CHART FAS OBST: 2536 TRANSMISSION_LINE (53-022857) 474252N/1171532W.

2600 AAO 474300N/1171455W.

CHART VDP AT 2.70 DME.

DISTANCE VDP TO THLD 2.14 NM.

FAC CROSSES RWY C/L EXTENDED 2039 FT FROM THLD.

CHART PLANVIEW NOTE: LOC OFFSET 2.99 DEGREES.

MINIMUMS:

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

ALTERNATE:

NA

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ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: CAT A, B 900-2, CAT C 1200-3, 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
S-ILS 22R	2257	1/2	300	2257	1/2	300	2257	1/2	300		NA				
S-LOC 22R	2800	3/4	843	2800	3/4	843	2800	1 7/8	843		NA				
CIRCLING	2800	1 1/4	843	2800	1 1/2	843	3100	3	1143		NA				



CHANGES - REASONS

1. FEEDER FROM GEG VORTAC TO AZTEM COURSE CHANGED FROM 037.33 TO 044.33 - GEG VORTAC MAGVAR UPDATED FROM E21/1975 TO E14/2025.
2. MISSED APPROACH INSTRUCTIONS CHANGED FROM AND GEG VORTAC R-073 TO R-080. - GEG MAGVAR UPDATE.
3. PROFILE LINE 4 CHANGED FROM LOLCI/I-FLZ 3.18 DME 3000* TO LOLCI/I-FLZ 3.54 DME 3140. - STEPDOWN FIXED MOVED DUE TO TERRAIN, ASTERISK NO LONGER REQUIRED IAW 8260.19I.
4. MSA CHANGED FROM GEG VORTAC 360-180 AND 180-360 TO 007-187 AND 187-007. - GEG MAGVAR UPDATED.
5. REMOVED CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS ALL CATS. - INOP TABLE APPLIES.
6. DME REQUIRED MOVED FROM CHART NOTE TO EQUIPMENT REQUIREMENTS NOTE. - 8260.19I.
7. CHART NOTE CHANGED FROM HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED TO RWY 22R HELICOPTER VISIBILITY REDUCTON BELOW 3/4 SM NOT AUTHORIZED. - UPDATED NOTE IAW 8260.19I.
8. REMOVED *LOC ONLY. - NO LONGER REQUIRED IAW 8260.19I.
9. UPDATED CHART NOTE FROM WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SPOKANE INTERNATIONAL ALTIMETER SETTING AND INCREASE ALL DA 82 FEET AND ALL MDA 100 FEET; AND INCREASE S-LOC CAT C VISIBILITY AND CIRCLING CAT C VISIBILITY 1/4 TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SPOKANE INTL ALTIMETER SETTING AND INCREASE S-ILS 22R DA TO 2335 FEET AND ALL VISIBILITY 1/8 SM. INCREASE ALL MDAS 80 FEET AND S-LOC 22R VISIBILITY CAT C 1/8 SM AND MOVED THEM TO THE BACK OF THE -9 FOR CONTINGENCY PURPOSES. - 8260.3E, 8260.19I.
10. UPDATED CHART NOTE FROM: FOR INOPERATIVE ALS, INCREASE S-LOC CAT A VISIBILITY TO 1 AND CAT C VISIBILITY TO 2 1/2, TO: INCREASE S-ILS CAT A/B/C VISIBILITY TO 7/8 SM, INCREASE S-LOC CAT A VISIBILITY TO 1 SM AND CAT C VISIBILITY TO 2 1/2 SM. - UPDATED INOP NOTE IAW 8260.3E
11. ADDITIONAL FLIGHT DATA UPDATED FROM HOLD SW, RT, 028.00 INBOUND TO HOLD SW, RT, 035 INBOUND. - GEG MAGVAR.
12. CHART FAS OBST CHANGED FROM 2536 POLE 474252N/1171532W TO 2536 TRANSMISSION_LINE (53-022857) 474252N/1171532W. - NEW FINAL CONTROLLER IDENTIFIED.
13. ADDED CHART VDP AT 2.70 DME; DISTANC VDP TO THLD 2.14 NM. - VDP NOW PUBLISHABLE.
14. ADDITIONAL FLIGHT DATA CHANGED FROM FAC CROSSES RWY C/L EXTENDED 2056 FT FROM THLD TO 2039 FT FROM THLD. - TARGETS COMPUTED VALUE.
15. CHART PLANVIEW NOTE CHANGED FROM LOC OFFSET 2.98 DEGREES TO 2.99 DEGREES. - TARGETS COMPUTED VALUE.
16. S-ILS 22R MINS CHANGED FROM DA/HAT OF 2227/270 TO 2257/300; VISIBILITIES UPDATED FROM CAT A/B 3/4 AND CAT C 1 7/8 SM TO ALL CATS 1/2 SM. - HAT INCREASED DUE TO 3.60 GPA, UPDATED VISIBILITY VALUES IAW 8260.3E.
17. CIRCLING CAT C CMDA/HAA CHANGED FROM 3020/1063 TO 3100/1143. - NEW CAT C CIRCLING CONTROLLER.
18. ALTERNATE MINS CHANGED FOR BOTH PRECISION AND NON-PRECISION CAT C FROM 1100-3 TO 1200-3. - UPDATED VALUES IAW 8260.3E.
19. PROFILE LINE 2 ADDED MAX 7200. - 8260.19I.

COORDINATED WITH:

A4A ☐

ALPA ☒

AOPA ☒

APA ☐

HAI ☐

NBAA ☒

OTHER: ZSE, GEG APCH, SFF ATCT, AMGR

FLIGHT CHECKED BY
PENDING

Digitally signed by
DAVID TEFFETELLER

OFFICE	DATE

DEVELOPED BY
TYLER MITCHELL

Digitally signed by
TYLER D MITCHELL
Mar 07, 2023

OFFICE	DATE
AJV-A432	01/27/2023

APPROVED BY
CASIMIR TABAKA

Digitally signed by
DAVID TEFFETELLER
Mar 20, 2023

OFFICE	DATE	TITLE
AJV-A432		MANAGER

