

**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> IOWA FALLS MUNI	<u>AIRPORT ID</u> KIFA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> IOWA FALLS	<u>STATE</u> IA
<u>AIRPORT ELEVATION</u> 1137	<u>TDZE</u> 1129	<u>SUPERSEDED</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 1E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 044/30 CW 224/30	NOPT	ZIVNI	IF/IAF	4000
2. 224/30 CW 044/30		ZIVNI	IF/IAF	4000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZIVNI	IF/IAF	YITUG		TF	FB	1.00	134.07	6.70	2800
YITUG	FAF	HENSO/1.70 NM TO RW13		TF	FB	0.30	134.14	3.42	
HENSO/1.70 NM TO RW13		RW13	MAP	TF	FO	0.30	134.14	1.70	
RW13	MAP	1600 MSL		CA			134.14		1600
1600 MSL		SHODR		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW13

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 4000 DIRECT SHODR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD NW ZIVNI, RT, 134.07 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 134.14 FAF: YITUG DIST FAF TO MAP: 5.12 DIST FAF TO THLD: 5.12

4. MIN ALT: ZIVNI 4000, YITUG 2800, HENSO/1.70 NM TO RW13 1700*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.66 GS ANT:

6. MIN GP INCPT: 2800 GP ALT AT FAF : YITUG 2800 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: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 0.97 NM TO RW13*
*LNAV ONLY
WAAS CHANNEL #53332
REFERENCE PATH ID: W13A
CHART FAS OBST: 1228 TREE 422935N/0931750W.
HOLD N, RT, 181.02 INBOUND
LTP HAE: 314.2 M

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	1379	1	250	1379	1	250	1379	1	250	1379	1	250			
LNAV/VNAV DA	1389	1	260	1389	1	260	1389	1	260	1389	1	260			
LNAV MDA	1480	1	351	1480	1	351	1480	1	351	1480	1	351			
CIRCLING	1540	1	403	1620	1	483	1760	1 3/4	623	1800	2	663			



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIFA
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	422833.0200N
LTP/FTP LONGITUDE	0931636.2200W
LTP/FTP ELLIPSOIDAL HEIGHT	+03142
FPAP LATITUDE	422729.7675N
FPAP LONGITUDE	0931511.4040W
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	1352
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	3BE00316

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03441
FPAP ORTHOMETRIC HEIGHT	+03441

