

**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> FAIRFIELD MUNI	<u>AIRPORT ID</u> KFFL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> FAIRFIELD	<u>STATE</u> IA
<u>AIRPORT ELEVATION</u> 801	<u>TDZE</u> 801	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 10/25/2007	<u>MAG VAR</u> 0E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 090/30 CW 270/30	NOPT	RUBIO	IF/IAF	3000
2. 270/30 CW 090/30		RUBIO	IF/IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RUBIO	IF/IAF	UTKUW		TF	FB	1.00	179.62	8.92	2500
UTKUW	FAF	RW18	MAP	TF	FO	0.30	179.62	5.22	
RW18	MAP	1001 MSL		CA			179.62		
1001 MSL		BIRRM		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT BIRRM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2. HOLD N RUBIO, RT, 179.62 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 179.62 **FAF:** UTKUW **DIST FAF TO MAP:** 5.22 **DIST FAF TO THLD:** 5.22
- 4. **MIN ALT:** RUBIO 3000, UTKUW 2500
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **200 HAT:** 0.51 **GS ANT:**
- 6. **MIN GP INCPT:** 2500 **GP ALT AT FAF :** UTKUW 2500 **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: CIRCLING NA TO RWYS 8 AND 26.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 CHART VDP AT 1.76 NM TO RW18*
 *LNAV ONLY
 WAAS CHANNEL #82503
 REFERENCE PATH ID: W18A
 CHART FAS OBST: 1090 TOWER 410521N/0915806W.
 HOLD S, RT, 359.62 INBOUND
 LTP HAE: 210.2 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		
	DA/MDA	VIS	HAT/HAA												
LPV DA	1001	3/4	200	1001	3/4	200	1001	3/4	200		NA				
LNAV/VNAV DA	1471	1 7/8	670	1471	1 7/8	670	1471	1 7/8	670		NA				
LNAV MDA	1400	1	599	1400	1	599	1400	1 3/4	599		NA				
CIRCLING	1400	1	599	1440	1	639	1440	1 3/4	639		NA				



CHANGES - REASONS

1. REMOVED LEFT AND RIGHT BASES FROM TAA. - REMOVED TO ACCOMMODATE ATC VECTORING.
2. REMOVED INITIAL SEGMENTS FROM VOPGE AND WIZEH. - REMOVED TO ACCOMMODATE ATC VECTORING.
3. REMOVED NOTE DME/DME RNP -0.3 NA. - NO LONGER AN APPROVED NOTE.
4. ADDED PBN REQUIREMENT NOTE: ADDED IAW 8260.58A CHNG 2 TABLE 1-2-1.
5. DIST FAF TO MAP/THLD CHANGED FROM 5.14 TO 5.22. OPTIMUM PFAF LOCATION ESTABLISHED.
6. ADDED LNAV/VNAV LINE OF MINIMUMS. - MINIMUMS NOT ADDED ON PREVIOUS AMENDMENT.
7. BACK-UP ALTIMETER NOTE MOVED TO THE BACK OF THE 8260-9 FOR CONTINGENCY PURPOSES. - KOTM IS ON WMSCR AND TO REDUCE CHART CLUTTER.
8. DISTANCE FROM RUBIO TO UTKUW CHANGED FROM 6.26 NM TO 8.92 NM. - RUBIO MOVED FURTHER BACK TO ACCOMMODATE ATC VECTORING.
9. ADDED CHART CIRCLING ICON. - UPDATED CIRCLING RADII UTILIZED.
10. ADDED BARO-VNAV NA WHEN USING BACK-UP ALTIMETER NOTE. - ADDED IAW 8260.19H PARA 4-6-6.
11. ADDED FOR UNCOMPENSATED BARO-VNAV TEMPERATURE LIMITATIONS NOTE. - ADDED IAW 8260.19H PARA 8-6-9(S).

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAU, AMGR

FLIGHT CHECKED BY *Digitally signed by*
DONALD H LANIER
 SCOTT WIEBE Nov 18, 2019

OFFICE
 FICO **DATE**
 11/13/19

DEVELOPED BY *Digitally signed by*
NICHOLAS JACKSON
 Sep 18, 2019

OFFICE
 AJV-A431 **DATE**
 08/08/2019

APPROVED BY *Digitally signed by*
DONALD H LANIER
 GEORGE DAVIS Nov 18, 2019

OFFICE **DATE** **TITLE**
 AJV-A450 **MANAGER**



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFFL
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	410352.1250N
LTP/FTP LONGITUDE	0915848.6740W
LTP/FTP ELLIPSOIDAL HEIGHT	+02102
FPAP LATITUDE	410222.9750N
FPAP LONGITUDE	0915847.8930W
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	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	D23E741E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02430
FPAP ORTHOMETRIC HEIGHT	+02430

