

**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 36	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> FAIRFIELD	<u>STATE</u> IA	
<u>AIRPORT ELEVATION</u> 801	<u>TDZE</u> 799	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 10/21/2010	<u>MAG VAR</u> 0E	<u>EPOCH YEAR</u> 2010
<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>		

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 270/30 CW 090/30	NOPT	270/15 CW 090/15		3100
2. 270/15 CW 090/15		BIRRM	IF/IAF	3000
3. 090/30 CW 270/30		BIRRM	IF/IAF	3000

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BIRRM	IF/IAF	KYHOM		TF	FB	1.00	359.62	8.92	2500
KYHOM	FAF	PANSE/1.80 NM TO RW36		TF	FB	0.30	359.62	3.44	
PANSE/1.80 NM TO RW36		RW36	MAP	TF	FO	0.30	359.62	1.80	
RW36	MAP	999 MSL		CA			359.62		
999 MSL		RUBIO		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW36

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT RUBIO AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
25  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD S BIRRM, RT, 359.62 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 359.62      FAF: KYHOM      DIST FAF TO MAP: 5.24      DIST FAF TO THLD: 5.24

4. MIN ALT:    BIRRM 3000, KYHOM 2500, PANSE/1.80 NM TO RW36 1400\*

5. DIST TO THLD FROM OM:      MM:      IM:      150 HAT:      200 HAT: 0.52      GS ANT:      MM:      IM:

6. MIN GP INCPT: 2500      GP ALT AT FAF : KYHOM 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 0.97 NM TO RW36\*  
\*LNAV ONLY  
WAAS CHANNEL #72804  
REFERENCE PATH ID: W36A  
CHART FAS OBST: 885 RIG 410134N/0915803W.  
HOLD N, RT, 179.62 INBOUND  
LTP HAE: 208.5 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	999	3/4	200	999	3/4	200	999	3/4	200		NA				
LNAV/VNAV DA	1049	3/4	250	1049	3/4	250	1049	3/4	250		NA				
LNAV MDA	1140	1	341	1140	1	341	1140	1	341		NA				
CIRCLING	1200	1	399	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 WAGTU AND SULME. - 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 CHG 2 TABLE 1-2-1.
5. DIST FAF TO MAP/THLD CHANGED FROM 5.16 TO 5.24. - 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 BIRRM TO KYHOM CHANGED FROM 6.2 NM TO 8.92 NM. - BIRRM MOVED FURTHER BACK TO ACCOMMODATE ATC VECTORING.
9. DISTANCE FROM KYHOM TO PANSE CHANGED FROM 3.36 TO 3.44. - OPTIMUM PFAF LOCATION ESTABLISHED.
10. ADDED CHART CIRCLING ICON. - UPDATED CIRCLING RADII UTILIZED.
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  
SCOTT WIEBE

Digitally signed by  
DONALD H LANIER  
Nov 18, 2019

OFFICE  
FICO

DATE  
11/13/19

DEVELOPED BY  
NICHOLAS K. JACKSON

Digitally signed by  
NICHOLAS JACKSON  
Sep 18, 2019

OFFICE  
AJV-A431

DATE  
08/08/2019

APPROVED BY  
GEORGE DAVIS

Digitally signed by  
DONALD H LANIER  
Nov 18, 2019

OFFICE  
AJV-A450

DATE

TITLE  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFFL
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	410257.7580N
LTP/FTP LONGITUDE	0915848.1975W
LTP/FTP ELLIPSOIDAL HEIGHT	+02085
FPAP LATITUDE	410426.9075N
FPAP LONGITUDE	0915848.9785W
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	8664D6BC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02413
FPAP ORTHOMETRIC HEIGHT	+02413

