

**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 ID</u> KFFA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> KILL DEVIL HILLS	<u>STATE</u> NC		
<u>AIRPORT ELEVATION</u> 12	<u>TDZE</u> 12	<u>SUPERSEDED</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 06/22/2017	<u>MAG VAR</u> 11W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 JANUARY 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ALGTR		YELUS		TF	FO	1.00	048.41	20.12	2200
OCSIP	IAF	YELUS	NOPT	TF	FB	1.00	078.91	9.96	2200
YELUS	IF/IAF	UHAWO		TF	FB	1.00	148.10	9.33	1600
UHAWO	FAF	OYOCE	MAP	TF	FO	0.30	175.95	3.24	
OYOCE	MAP	412 MSL		CA			175.95		
412 MSL		OCSIP		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: OYOCE
 LNAV: OYOCE

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 3000 DIRECT OCSIP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

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

2. HOLD NW YELUS, RT, 148.10 INBOUND, 2200 FT. IN LIEU OF PT (IAF), MAX 4000.

3. **FAC:** 175.95 **FAF:** UHAWO **DIST FAF TO MAP:** 3.24 **DIST FAF TO THLD:** 3.89

4. **MIN ALT:** YELUS 2200, UHAWO 1600

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

6. **MIN GP INCPT:** **GP ALT AT FAF :** **OM:** **MM:** **IM:**

7. **GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:**

8. **MSA FROM:** OYOCE 2100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: PROCEDURE NA AT NIGHT

ADDITIONAL FLIGHT DATA:

CHART 333 TOWER 360431N/0754307W
HOLD SE, RT, 318.00 INBOUND.
FAS OBST: 236 AAO 360348N/0754136W, 200 AAO 360257N/0754000W.
WAAS CHANNEL # 50240
REFERENCE PATH ID: W21A
FAC CROSSES RWY C/L EXTENDED 4500 FT FROM THLD.
CHART CIRCLING ICON.
UHAWO TO RW21: 3.75/40.
FICTITIOUS THRESHOLD POINT (CFVKL) DO NOT CHART.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 30 DEGREES.
FTP HAE: -36.5 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		
	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
LP MDA	460	1	448	460	1	448		NA			NA				
LNAV MDA	500	1	488	500	1	488		NA			NA				
CIRCLING	520	1	508	540	1	528		NA			NA				



CHANGES - REASONS

1. REMOVED RBX VOR/DME TO YELUS FEEDER - RBX DECOMMISSION
2. ADDED 20:1 IS NOT CLEAR - 20:1 NOT CLEAR
3. CHANGED FEEDER RNP VALUE FROM 2 TO 1 - UPDATED TO CURRENT CRITERIA
4. ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS - PBN REQUIREMENT
5. DELETED DME/DME 0.3 - NA - NO LONGER REQUIRED
6. ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" TO ALT MINIMUMS - IAW 8260.19I PARA 8-6-11B4
7. MSA CHANGED FROM RW21 TO OYOCE- IAW 8260.19I, 8-6-7.H.(1)

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
OTHER: AMGR, ZDC, NKT APP CON

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

DEVELOPED BY

ROSE BOONE-WALT

ROSE BOONE-WALT

Sep 15, 2022

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

Oct 17, 2022

OFFICE

Digitally signed by

DATE

JASON KRETSCHMER

Oct 17, 2022

OFFICE

AJV-A421

DATE

08/23/2022

OFFICE

AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFFA
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	360123.4540N
LTP/FTP LONGITUDE	0753946.4930W
LTP/FTP ELLIPSOIDAL HEIGHT	-00365
FPAP LATITUDE	355957.2815N
FPAP LONGITUDE	0753917.9980W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.75
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	54D6DCBD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00024
FPAP ORTHOMETRIC HEIGHT	+00024

