

**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> KAPF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> NAPLES	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 8	<u>TDZE</u> 8	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 01/02/2020	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 137/30 CW 227/30	NOPT	137/6 CW 227/6		2600
2. 137/6 CW 227/6		OFDOY	IF/IAF	2100
3. 227/30 CW 317/30	NOPT	OFDOY		2100
4. 317/30 CW 047/30		UGYOW	IAF	2100
5. 047/30 CW 137/30		POJHY	IAF	2100

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
POJHY	IAF	OFDOY	NOPT	TF	FB	1.00	137.27	5.00	2100
UGYOW	IAF	OFDOY	NOPT	TF	FB	1.00	317.33	5.00	2100
OFDOY	IF/IAF	TEFDU		TF	FB	1.00	227.30	6.10	1600
TEFDU	FAF	RW23	MAP	TF	FO	0.30	227.27	4.80	
RW23	MAP	313 MSL		CA			227.27		
313 MSL		VIZAF		DF	FO	1.00			2100



**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW23

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2100 DIRECT VIZAF AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD NE OFDOY, LT, 227.30 INBOUND, 2100 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	227.27	FAF: TEFDU	DIST FAF TO MAP: 4.80		DIST FAF TO THLD: 4.80
4. MIN ALT:	OFDOY 2100, TEFDU 1600				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	305 HAT: 0.82	GS ANT:
6. MIN GP INCPT:	1600	GP ALT AT FAF :	TEFDU 1600	OM:	MM:
7. GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR
			TCH:	43.6	
8. MSA FROM:					

**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 5°C OR ABOVE 54°C.

**ADDITIONAL FLIGHT DATA:**

HOLD SW, RT, 047.19 INBOUND.  
CHART FAS OBST: 170 TOWER 260935N/0814508W.  
CHART VDP AT 1.22 NM TO RW23\*  
\*LNAV ONLY.  
WAAS CHANNEL # 69314  
REFERENCE PATH ID: W23A  
LTP HAE: -21.2 M



**MINIMUMS:**

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

**ALTERNATE:** NA ☐ STANDARD - CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
LPV DA	313	7/8	305	313	7/8	305	313	7/8	305	313	7/8	305			
LNAV/VNAV DA	461	1 3/8	453	461	1 3/8	453	461	1 3/8	453	461	1 3/8	453			
LNAV MDA	440	1	432	440	1	432	440	1 1/4	432	440	1 1/4	432			
CIRCLING	580	1	572	580	1	572	680	2	672	820	2 3/4	812			

**CHANGES - REASONS**

1. INCORPORATED PNOTAM CHANGES FROM AMDT 1A AND 1B INTO FORM - IAW 8260.19H 8-3-4C (3).
2. TAA #5 CHANGED FROM 227/30 CW317/30 TO 047/30 CW 137/30 - ADMINISTRATIVE CORRECTION, PRINTED ON APPROACH CHART INCORRECTLY.
3. PROFILE LINE 2: ADDED MAX HOLDING ALTITUDE 6000 - IAW 8260.19H 8-6-7B (2).
4. PROFILE LINE 7: ADDED 20:1 IS CLEAR - IAW 8260.19H PARA 8-6-7G (3).
5. UPDATED CIRCLING CAT A AND B MINIMUMS FROM MDA/HAA 500/492 TO 580/572 - NEW CONTROLLING OBSTACLE.
6. REMOVED NOTE: INOPERATIVE TABLE DOES NOT APPLY - IAW 8260.19H PARA 8-6-11 O(3).
7. DELETED BACKUP ALTIMETER NOTE AND BARO-VNAV NA NOTE - KAPF LOCAL WEATHER ON WMSCR.
8. CHART FAS OBST: REMOVED 173 ROD ON STROBE LTD TWR 260935N/0814508W AND ADDED 170 TOWER 260935N/0814508W - NEW LNAV CONTROLLING OBST.
9. VDP CHANGED FROM 1.24 TO 1.22 - MDA INCREASED AND THRE UPDATED PER NEW AIRPORT SURVEY DATA/REFERENCE 8260.3D 2-6-5.
10. LPV VIS ALL CATS CHANGED FROM 1 SM TO 7/8 SM - PER 8260.3D VISIBILITY TABLES.
11. LNAV/VNAV VIS ALL CATS CHANGED FROM 1 1/2 SM TO 1 3/8 SM- PER 8260.3D VISIBILITY TABLES.
12. LNAV VIS CAT D CHANGED FROM 1 1/2 SM TO 1 1/4 SM - PER 8260.3D VISIBILITY TABLES
13. DELETED FROM ADDITIONAL FLIGHT DATA CHART CIRCLING ICON - NEW CIRCLING INITIATIVE TO REMOVE ICON.
14. UPDATED RNP VALUE FOR INTERMEDIATE SEGMENT FROM .5 TO 1.0 - IAW 8260.58A TABLE 1-2-1.
15. ADDED COURSE-TO-ALTITUDE (CA) LEG TO MISSED APPROACH SEGMENT - IAW 8260.58A PARA 3-5-2.
16. ADDED ALTERNATE MINIMUMS: CAT D 900-2 3/4 - IAW 8260.3D PARA 3-4-1 (D).
17. CHANGED CHART NOTE FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 5°C OR ABOVE 54°C - UPDATED AIRPORT 5-YEAR HISTORICAL WEATHER.
18. FAS DATA BLOCK INFORMATION CHANGES - CHANGES BASED ON NEW SURVEY DATA AND CRC REMAINDER CHANGED FROM 37C58581 TO F1FC5554:
  - LTP/FTP LAT/LONG CHANGED FROM 260927.5195N/0814612.5240W TO 260927.5235N/0814612.5220W
  - FPAP LAT/LONG CHANGED FROM 260823.4900N/0814721.5900W TO 260823.4865N/0814721.5865W
  - LENGTH OF OFFSET CHANGED FROM 1136 TO 0984
  - LTP AND FPAP ORTHOMETRIC HEIGHT CHANGED FROM +0023 TO +0024



AIRPORT ID  
KAPF

PROCEDURE NAME  
RNAV (GPS) RWY 23

ORIGINAL/AMENDMENT  
1C

CITY  
NAPLES

STATE  
FL

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZMA, FMY ATCT, APF ATCT, AMGR

*Digitally signed by*

FLIGHT CHECKED BY  
GEORGE E SEARLES

**DONALD H LANIER**  
Jan 08, 2021

OFFICE  
FICO

DATE  
1/6/2020

DEVELOPED BY  
FRANK JACKSON JR

*Digitally signed by*  
**FRANK JACKSON**  
Nov 05, 2020

OFFICE  
AJV-A431

DATE  
10/27/2020

APPROVED BY  
LONNIE EVERHART

*Digitally signed by*  
**DONALD H LANIER**  
Jan 08, 2021

OFFICE  
AJV-A430

DATE

TITLE  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAPF
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	260927.5235N
LTP/FTP LONGITUDE	0814612.5220W
LTP/FTP ELLIPSOIDAL HEIGHT	-00212
FPAP LATITUDE	260823.4865N
FPAP LONGITUDE	0814721.5865W
THRESHOLD CROSSING HEIGHT (TCH)	00043.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F1FC5554

ADDITIONAL PATH POINT RECORD INFORMATION

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

