

**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)-A	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> NAPLES	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 8	<u>TDZE</u>	<u>SUPERSEDED</u> RNAV (GPS)-A	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 08/16/2018	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 227/30 CW 047/30	NOPT	227/7 CW 047/7		2100
2. 227/7 CW 047/7		HIJEG	IF/IAF	2000
3. 047/30 CW 137/30		ZEVIK	IAF	2000
4. 137/30 CW 227/30		WOBKU	IAF	2300

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZEVIK	IAF	HIJEG	NOPT	TF	FB	1.00	047.25	8.00	2000
WOBKU	IAF	HIJEG	NOPT	TF	FB	1.00	227.34	8.00	2000
HIJEG	IF/IAF	NONLE		TF	FB	1.00	317.30	5.00	1500
NONLE	FAF	MEKBE/2.20 NM TO RW32		TF	FB	0.30	317.27	2.37	
MEKBE/2.20 NM TO RW32		RW32	MAP	TF	FO	0.30	317.27	2.20	
RW32	MAP	408 MSL		CA			317.27		
408 MSL		CORFU		DF	FO	1.00			2300





**CHANGES - REASONS**

1. PROFILE LINE 2: ADDED MAX HOLDING ALTITUDE 6000 - PER CURRENT CRITERIA.
2. REMOVED CHART NOTE DME/DME RNP 0.3 NA AND ADDED RNP APCH TO PBN REQUIREMENTS NOTES - PER CURRENT CRITERIA AND INCORPORATED P-NOTAM.
3. REMOVED BACK-UP ALTIMETER NOTE AND MOVED TO THE BACK OF THE -9. - KAPF WEATHER ON WMSCR.
4. CIRCLING MDA/HAA CAT A/B CHANGED FROM 500/492 TO 580/572 - NEW CONTROLLING OBST.
5. CIRCLING MDA/HAA CAT D CHANGED FROM 720/712, VIS 2/ 1/4 TO 820/812, VIS 2 3/4 - NEW CONTROLLING OBST/INCORPORATED P-NOTAM.
6. ALT. MINS: CHANGED CAT D VISIBILITY FROM 2 1/4 TO 2 3/4.

**COORDINATED WITH:**

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

**FLIGHT CHECKED BY**

BROC L STARRETT

**OFFICE**

FICO

**DATE**

12/8/2020

**DEVELOPED BY**

TARA MARTINELLI

*Digitally signed by*

**NICHOLAS JACKSON**

Oct 05, 2020

*Digitally signed by*

**DONALD H LANIER**

Oct 30, 2020

**OFFICE**

AJV-A431

**DATE**

08/24/2020

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*

**DONALD H LANIER**

Oct 30, 2020

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KAPF	<u>PROCEDURE NAME</u> RNAV (GPS)-A	<u>AMDT NO.</u> ORIG-B	<u>CITY</u> NAPLES	<u>STATE</u> FL	<u>AIRPORT ELEVATION</u> 8	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM  
227/30 CW 047/30

TO  
227/7 CW 047/7

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
												1.TOWER (12-002293)	261058.00N/0813431.00W	1035	500	50	5D	1000				AT65	2100
												2.TERRAIN	262212.00N/0812309.00W	27 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM  
227/7 CW 047/7

TO  
HIJEG

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
												3.TOWER (12-000212)	260311.32N/0814210.40W	531	20	3	1A	1000				AT469	2000
												4.TERRAIN	260951.00N/0813500.00W	14 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



LEFT BASE AREA

FROM  
047/30 CW 137/30

TO  
ZEVIK

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.TOWER (12-000212)	260311.32N/0814210.40W		531	20	3	1A	1000				AT469	2000
5.TERRAIN	260836.00N/0814100.00W		14 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM  
137/30 CW 227/30

TO  
WOBKU

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
6.TOWER (12-002609)	262523.00N/0813748.00W		1249	100	50	3D	1000				AT51	2300
7.TERRAIN	262945.00N/0812700.00W		40 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM  
ZEVIK

TO  
HIJEG

RNP	DISTANCE 8.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.TOWER (12-000212)	260311.32N/0814210.40W		531	20	3	1A	1000				AT469	2000
8.TERRAIN	260230.00N/0813630.00W		7 (0)								AS1500	1500

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

INITIAL

FROM  
WOBKU

TO  
HIJEG

RNP	DISTANCE 8.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.TOWER (12-002721)	260151.00N/0813832.00W		343	500	50	5D	1000				AT657	2000
4.TERRAIN	260851.00N/0813230.00W		14 (0)								AS1500	1500

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



INTERMEDIATE

FROM  
HIJEG (IF/IAF)

TO  
NONLE

RNP	DISTANCE 5.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.TOWER (12-000212)	260311.32N/0814210.40W		531	20	3	1A	500					1100
10.TERRAIN	260557.00N/0814000.00W		10 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM  
NONLE

TO  
MEKBE/2.20 NM TO RW32

RNP	DISTANCE 2.37	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11.TOWER (12-005053)	260734.51N/0814340.34W		312	500	50	5D	250				AC50 DG68 RA60	740

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM  
MEKBE/2.20 NM TO RW32

TO  
RW32

RNP	DISTANCE 2.20	PAT	MAP RW32	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
12.TOWER (12-004818)	260807.55N/0814458.21W		189	500	50	5D	250				AC50	500

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM  
HIJEG

TO  
P-4

RNP	DISTANCE	PAT P-4	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.TOWER (12-000212)	260311.32N/0814210.40W		531	20	3	1A	1000				AT469	2000
13.TERRAIN	260630.00N/0813630.00W		10 (0)								AS1500	1500

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:





MISSED APPROACH : LNAV

FROM  
RW32

TO  
CORFU

RNP	DISTANCE	PAT	MAP	HAT			HMAS 400					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2300
14.TOWER (12-002459)	262030.00N/0814237.50W		1054	50	20	2C	1000					2100
15.TERRAIN	262300.00N/0813730.00W		20 (0)								AS1500	1500

COMPUTATIONS

ALT      KIAS      KTAS      HAA      VKTW      TR      BA      DTA      COURSE CHANGE      DVEB      VEB OCS      RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS    ☒ CAT A    ☒ CAT B    ☒ CAT C    ☒ CAT D    ☐ CAT E    ☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
16.CRANE (12-153710)	260840.99N/0814731.68W	1.30	572/572	269	20	3	1A	300			580/580
CATEGORY B											
16.CRANE (12-153710)	260840.99N/0814731.68W	1.81	572/572	269	20	3	1A	300			580/580
CATEGORY C											
11.TOWER (12-005053)	260734.51N/0814340.34W	2.83	672/672	312	500	50	5D	300		AC50	680/680
CATEGORY D											
17.TOWER (12-027100)	260734.75N/0814316.90W	3.70	812/812	460	500	50	5D	300		AC50	820/820

CIRCLING REMARKS:



<b>CENTER</b>	<b>RADIUS</b>
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**MSA REMARKS:**

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
APF TOWER, FMY APP CON, ZMA ARTCC

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KAPF	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KAPF	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KRSW	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KRSW	<u>DISTANCE</u> 22.982	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 56

WX REMARKS:  
RASS PRESURE PATTERNS THE SAME  
KAPF 8.3, KRSW 29.7  
RA = 55.85

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW14 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		BSC-G	
RW32 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		BSC-G	
RW05 - MIRL (PCL), REIL (PCL), PAPI-4R		NPI-G	
RW23 - MIRL (PCL), REIL (PCL), PAPI-4L		NPI-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 37.7
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	451
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS



**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or  
**5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS**

**PENETRATIONS REMARKS:**

**PART C: GENERAL REMARKS:**  
VDP NOT ESTABLISHED - CIRCLING ONLY PROCEDURE.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
100 FT VEGETATION USED PER FPT.  
PROCEDURE MEETS SI CRITERIA HOWEVER DUE TO BSC MARKINGS PROCEDURE IS RESTRICTED TO CIRCLING ONLY.  
CONTINGENCY NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOUTHWEST FLORIDA INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FT.  
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.90
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	314.27
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	4.57
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	314.27
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD  
COORDINATES  
(IF STR-IN)

ARP COORDINATES260908.79N/0814632.30W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 23 DISTANCE 0.56 NM

FAF  
COORDINATES260544.08N/0814234.93W

FIX NAME  
COORDINATES

IF/IAF HIJEG: 260214.00N/0813836.42W, IAF WOBKU: 260758.44N/0813223.94W, IAF ZEVIK: 255629.28N/0814448.29W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

TAA HIJEG (IF/IAF) SECTOR 227/30 CW 047/30 TO 227/7 CW 047/7 AND 227/7 CW 047/7, ZEVIK (IAF) SECTOR 047/30 CW 137/30, WOBKU (IAF) SECTOR 137/30 CW 227/30. CW 317/30.



PART E: PREPARED BY

<u>NAME</u> TARA MARTINELLI	<u>OFFICE</u> AJV-A431	<u>DATE</u> 08/24/2020	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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