

**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 5	<u>ORIGINAL/AMENDMENT</u> 2C	<u>CITY</u> NAPLES	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 8	<u>TDZE</u> 8	<u>SUPERSEDED</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> 2B	<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. 317/30 CW 137/30	NOPT	VIZAF	IF/IAF	2100
2. 137/30 CW 227/30		137/20 CW 227/20		2300
3. 137/20 CW 227/20		FEVSI	IAF	2100
4. 227/30 CW 317/30		EMDUJ	IAF	2100

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
EMDUJ	IAF	VIZAF	NOPT	TF	FB	1.00	317.22	5.00	2100
FEVSI	IAF	VIZAF	NOPT	TF	FB	1.00	137.16	5.00	2100
VIZAF	IF/IAF	DUFBO		TF	FB	1.00	047.19	6.10	1800
DUFBO	FAF	RW05	MAP	TF	FO	0.30	047.20	5.42	
RW05	MAP	295 MSL		CA			047.20		
295 MSL		OFDOY		DF	FO	1.00			2100

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2100 DIRECT OFDOY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
24
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SW VIZAF, RT, 047.19 INBOUND, 2100 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 047.20FAF: DUFBODIST FAF TO MAP: 5.42DIST FAF TO THLD: 5.42

4. MIN ALT: VIZAF 2100, DUFBO 1800

5. DIST TO THLD FROM OM:MM:IM:150 HAT:287 HAT: 0.78GS ANT:

6. MIN GP INCPT: 1800GP ALT AT FAF : DUFBO 1800OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 5°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD NE, LT, 227.30 INBOUND.
FAS OBST: 280 SHIP 260631N/0815010W.
CHART VDP AT 1.29 NM TO RW05*
*LNAV ONLY.
WAAS CHANNEL # 73015
REFERENCE PATH ID: W05A
LTP HAE: -21.5 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.

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	295	7/8	287	295	7/8	287	295	7/8	287	295	7/8	287			
LNAV/VNAV DA	446	1 1/4	438	446	1 1/4	438	446	1 1/4	438	446	1 1/4	438			
LNAV MDA	540	1	532	540	1	532	540	1 1/2	532	540	1 1/2	532			
CIRCLING	580	1	572	580	1	572	680	2	672	820	2 3/4	812			



CHANGES - REASONS

1. INCORPORATED PNOTAM CHANGES FROM AMDT 2A AND 2B INTO FORM - IAW 8260.19H 8-3-4 C(3).
 2. PROFILE LINE 2: ADDED MAX HOLDING ALTITUDE 6000 - IAW 8260.19H 8-6-7B(2).
 3. PROFILE LINE 7: ADDED 20:1 IS CLEAR - IAW 8260.19H PARA 8-6-7 G(3).
 4. UPDATED RNP FOR INTERMEDIATE SEGMENT FROM .5 TO 1.0 - IAW 8260.58A TABLE 1-2-1.
 5. CHANGED CHART PROFILE NOTE: FROM VGSI AND RNAV GLIDEPATH NOT COINCIDENT TO VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - IAW 8260.19H PARA 8-6-9 M(1).
 6. DELETED BACKUP ALTIMETER NOTE AND BARO-VNAV NA NOTE - KAPF LOCAL WEATHER ON WMSCR.
 7. CHART FAS OBST: REMOVED 196 TOWER 260815N/0814646W AND ADDED FAS OBST 280 SHIP 260631N/0815010W - NEW LNAV CONTROLLING OBST.
 8. VDP CHANGED FROM 1.13 TO 1.29 - MDA INCREASED AND THRE UPDATED PER NEW AIRPORT SURVEY DATA/REFERENCE 8260.3D 2-6-5.
 9. LTP HAE: CHANGED FROM -21.6 TO -21.5 - NEW SURVEY DATA.
 10. ALTERNATE MINIMUMS: ADDED CAT D 900-2 3/4 SM - IAW 8260.3D 3-4-1 D.
 11. LPV VIS ALL CATS CHANGED FROM 1 SM TO 7/8 SM - PER 8260.3D VISIBILITY TABLES.
 12. LNAV/VNAV VIS ALL CATS CHANGED FROM 1 1/2 SM TO 1 1/4 SM - PER 8260.3D VISIBILITY TABLES.
 13. LNAV HAT/MDA MINIMUMS CHANGED FROM 452/460 TO 532/540 - NEW LNAV CONTROLLING OBST.
 14. LNAV VIS CAT C CHANGED FROM 1 3/8 SM TO 1 1/2 SM - PER 8260.3D VISIBILITY TABLES.
 15. ADDED COURSE-TO-ALTITUDE (CA) LEG TO MISSED APPROACH SEGMENT - IAW 8260.58A PARA 3-5-2.
 16. UPDATED CIRCLING MINIMUMS FOR CAT A AND B FROM MDA/HAA 500/492 TO MDA/HAA 580/572 - NEW CIRCLING CONTROLLING OBSTACLE.
 17. DELETED FROM ADDITIONAL FLIGHT DATA CHART CIRCLING ICON - NEW CIRCLING INITIATIVE TO REMOVE ICON.
 18. 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.
 19. FAS DATA BLOCK INFORMATION CHANGES - CHANGES BASED ON NEW SURVEY DATA AND CRC REMAINDER CHANGED FROM E629DEFF TO ABBC2BB3.
- LTP/FTP LAT/LONG CHANGED FROM 260852.0370N/0814650.8015W TO 260852.0365N/0814650.7990W
- LTP/FTP ELLIPOIDAL HEIGHT CHANGED FROM -00216 TO -00215
- FPAP LAT/LONG CHANGED FROM 260956.0700N/0814541.7200W TO 260956.0650N/0814541.7205W
- LENGTH OF OFFSET CHANGED FROM 1224 TO 0984
- LTP AND FPAP ORTHOMETRIC HEIGHT CHANGED FROM +0019 TO +0020

COORDINATED WITH:

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

Digitally signed by

FLIGHT CHECKED BY

DONALD H LANIER

GEORGE E SEARLES

Jan 08, 2021

OFFICE

FICO

DATE

1/6/2021

DEVELOPED BY

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Nov 05, 2020

OFFICE

AJV-A431

DATE

10/27/2020

APPROVED BY

LONNIE EVERHART

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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	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	260852.0365N
LTP/FTP LONGITUDE	0814650.7990W
LTP/FTP ELLIPSOIDAL HEIGHT	-00215
FPAP LATITUDE	260956.0650N
FPAP LONGITUDE	0814541.7205W
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	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	ABBC2BB3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00020
FPAP ORTHOMETRIC HEIGHT	+00020

