

**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> KGPT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> GULFPORT	<u>STATE</u> MS		
<u>AIRPORT ELEVATION</u> 28	<u>TDZE</u> 27	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 03/01/2018	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 092/30 CW 272/30	NOPT	BOSWU	IF/IAF	2800
2. 272/30 CW 092/30		BOSWU	IF/IAF	2800

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BOSWU	IF/IAF	AHELU		TF	FB	1.00	181.84	5.92	2000
AHELU	FAF	HUBDA/2.22 NM TO RW18		TF	FB	0.30	181.84	3.83	
HUBDA/2.22 NM TO RW18		RW18	MAP	TF	FO	0.30	181.84	2.22	
RW18	MAP	227 MSL		CA			181.84		
227 MSL		RUDAW		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT RUDAW AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD N BOSWU, RT, 181.84 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAF: 181.84FAF: AHELUDIST FAF TO MAP: 6.05DIST FAF TO THLD: 6.05
4. MIN ALT: BOSWU 2800, AHELU 2000, HUBDA/2.22 NM TO RW18 780
5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.48GS ANT:
6. MIN GP INCPT: 2000GP ALT AT FAF : AHELU 2000OM:MM:IM:
7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 50.3
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART 459 TOWER 302729N/0890447W
HOLD S, RT, 001.84 INBOUND.
CHART FAS OBST: 175 TOWER (28-020748) 302540N/0890436W.
CHART VDP AT 1.15 NM TO RW18.
WAAS CHANNEL # 69512
REFERENCE PATH ID: W18A
CHART CIRCLING ICON.
LTP HAE: -20.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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	227	3/4	200	227	3/4	200	227	3/4	200	227	3/4	200			
LNAV/VNAV DA	442	1 1/8	415	442	1 1/8	415	442	1 1/8	415	442	1 1/8	415			
LNAV MDA	440	1	413	440	1	413	440	1 1/8	413	440	1 1/8	413			
CIRCLING	520	1	492	640	1	612	760	2	732	760	2 1/4	732			



CHANGES - REASONS

1. ADDED MAX HOLD-IN-LIEU ALTITUDE OF 6000 TO PROFILE LINE 2 - 8260.19I, 8-6-7, B(2).
2. REMOVED CHART: ASR FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED, IAW 8260.19I, 1-1-5F(20).
3. CHANGED TERMINAL ROUTES AHELU TO HUBDA DISTANCE FROM 3.64 TO 3.83 - HUBDA MOVED 0.19 NM SOUTH.
4. PROFILE LINE 4: CHANGED TERMINAL ROUTES HUBDA TO RW18 DISTANCE FROM 2.41 TO 2.22 AND "HUBDA/2.41 NM TO RW18 840*" TO "HUBDA/2.22 NM TO RW18 780" - HUBDA MOVED 0.19 NM SOUTH, IAW 8260.19I, 1-1-5F(12).
5. REMOVED *LNAV ONLY FROM ADDITIONAL FLIGHT DATA - IAW 8260.19I 8-6-10M.
6. ADDED 20:1 IS CLEAR TO PROFILE LINE 7 - NEW OBSTACLE EVALUATION/ 8260.19I, 8-6-7G3.
7. DELETED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. - 8260.19I, 8-6-8B2.
8. DELETED "CHART 458 TOWER 302731N/0890445W" AND ADDED "CHART 459 TOWER 302729N/0890447W" - NEW OBSTACLE EVALUATION.
9. CHANGED "CHART VDP AT 1.16 NM TO RW18*" TO "CHART VDP AT 1.15 NM TO RW18" - NEW EVALUATION, IAW 8260.19I, 8-6-10M.
10. CHANGED LNAV/VNAV ALL CATS MINIMUMS FROM DA 433/HAT 406 TO DA 442/HAT 415 - NEW OBSTACLE EVALUATION.
11. CHANGED ALTERNATE MINIMUMS FROM "STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2" TO "STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" - UPDATED MINIMUMS AND FORMAT PER 8260.19I 8-6-11 B.
12. CHANGED CIRCLING CAT A MINIMUMS FROM MDA 500/HAA 471 TO MDA 520/HAA 492 - NEW CONTROLLING OBSTACLE.
13. CHANGED CHART NOTE: "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3°C (27°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3°C OR ABOVE 54°C" - IAW 8260.19I, 8-6-9R.
14. CRC REMAINDER CHANGED FROM "9D5CB639" TO "5BC0BFEF" - LTP/FTP CHANGED FROM "302457.4985N/0890358.6505W" TO "302457.5005N 0890358.6475W" AND FPAP COORDINATES FROM "302328.1900N/0890358.3630W" TO "302328.1915N/0890358.3510W", ORTHOMETRIC HEIGHT CHANGED FROM +00073 TO +00072.
15. CHANGED CHART FAS OBST: FROM "175 TOWER 302540N/0890436W" TO "175 TOWER (28-020748) 302540N/0890436W" - IAW 8260.19I, 8-6-10C.
16. CHANGED CIRCLING CAT B HAA FROM 611 TO 612 - AIRPORT ELEVATION CHANGED FROM 29 TO 28.
17. CHANGED CIRCLING CAT C/D MINIMUMS FROM MDA 820/HAA 791 TO MDA 760/HAA 732 AND CAT C VISIBILITY FROM 2 1/4 SM TO 2 SM AND CAT D VISIBILITY FROM 2 1/2 SM TO 2 1/4 SM - NEW OBSTACLE EVALUATION, UPDATED 8260.3D VIS TABLES.
18. CHANGED PROFILE LINE 7 TCH FROM 50.0 TO 50.3 - MATCHING VGSI.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZHU, GPT APP CON, AMGR

FLIGHT CHECKED BY	<i>Digitally signed by</i>		<u>OFFICE</u>	<u>DATE</u>	
	LONNIE EVERHART				
DONALD MCGOUGH	Jul 23, 2021		FICO	07/20/2021	
DEVELOPED BY	<i>Digitally signed by</i>		<u>OFFICE</u>	<u>DATE</u>	
	LONNIE EVERHART				
JON DENTON (THOR CORNELL)	Jul 23, 2021		AJV-A432	11/13/2020	
APPROVED BY	<i>Digitally signed by</i>		<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
	LONNIE EVERHART				
LONNIE EVERHART	Jul 23, 2021		AJV-A430		MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGPT
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	302457.5005N
LTP/FTP LONGITUDE	0890358.6475W
LTP/FTP ELLIPSOIDAL HEIGHT	-00209
FPAP LATITUDE	302328.1915N
FPAP LONGITUDE	0890358.3510W
THRESHOLD CROSSING HEIGHT (TCH)	00050.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1248
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	5BC0BFEF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00072
FPAP ORTHOMETRIC HEIGHT	+00072