

**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 32	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> GULFPORT	<u>STATE</u> MS		
<u>AIRPORT ELEVATION</u> 28	<u>TDZE</u> 27	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 12/07/2017	<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. 227/30 CW 047/30	NOPT	IVOLE	IF/IAF	2800
2. 047/30 CW 227/30		IVOLE	IF/IAF	2800

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
IVOLE	IF/IAF	VICKR		TF	FB	1.00	317.01	5.90	2000
VICKR	FAF	RW32	MAP	TF	FO	0.30	316.97	6.04	
RW32	MAP	277 MSL		CA			316.97		
277 MSL		BROWA		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT BROWA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE IVOLE, RT, 317.01 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 316.97FAF: VICKRDIST FAF TO MAP: 6.04DIST FAF TO THLD: 6.04

4. MIN ALT: IVOLE 2800, VICKR 2000

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.63GS ANT:

6. MIN GP INCPT: 2000GP ALT AT FAF : VICKR 2000OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 54.6

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH-GPS

NOTES:

CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT A/B VISIBILITY TO RVR 5500, AND CAT C/D TO RVR 6000.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 136.83 INBOUND.
CHART FAS OBST: 172 TOWER (28-020746) 302315N/0890340W.
CHART W-453.
CHART VDP AT 1.08 NM TO RW32.
WAAS CHANNEL # 56207
REFERENCE PATH ID: W32A
CHART CIRCLING ICON.
LTP HAE: -21.3 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	277	4000	250	277	4000	250	277	4000	250	277	4000	250			
LNAV/VNAV DA	466	4000	439	466	4000	439	466	4000	439	466	4000	439			
LNAV MDA	440	4000	413	440	4000	413	440	4000	413	440	4000	413			
CIRCLING	520	1	492	640	1	612	760	2	732	760	2 1/4	732			



CHANGES - REASONS

1. DELETED CHART NOTE: "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE: "RNP APCH - GPS". - 8260.19I, 8-6-8B2.
2. ADDED CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED. - 34:1 PENETRATIONS DETECTED.
3. CHANGED INOP NOTE FROM "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 SM AND LNAV CAT C/D TO RVR 6000" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT A/B VISIBILITY TO RVR 5500, AND CAT C/D TO RVR 6000". - PER UPDATED 8260.3D VIS TABLES.
4. CHANGED PROFILE LINE 5 DIST TO THLD FROM "200 HAT: 0.47" TO "250 HAT: 0.63" - MINIMUMS INCREASED DUE TO OBSTACLE EVALUATION.
5. CHANGED PROFILE LINE 7 "34:1 IS CLEAR" TO "34:1 IS NOT CLEAR". - PENETRATIONS DETECTED/INCORPORATE NOTAM FDC 0/3160.
6. ADD PROFILE LINE 7 "20:1 IS CLEAR". - 8260.19I, 8-6-7G3.
7. DELETED "CHART NOTE: # RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA."- PROCEDURE DOES NOT QUALIFY FOR REDUCTION, NOTAM FDC 0/3160.
8. CHANGED LPV MINIMUMS FROM DA 228/HAT 200 TO DA 277/HAT 250. - PENETRATIONS DETECTED ON FINAL/TDZE CHANGED FROM 28 TO 27.
9. CHANGED LNAV/VNAV MINIMUMS FROM DA 446/HAT 418 TO DA 466/HAT 439. - NEW OBSTACLE EVALUTION/TDZE CHANGED FROM 28 TO 27.
10. CHANGED LNAV MINIMUMS FROM MDA 440/HAT 412 TO MDA 440/HAT 413. - TDZE CHANGED FROM 28 TO 27.
11. CHANGED LPV ALL CATS VISIBILITY MINIMUMS FROM RVR 2400 TO RVR 4000. - PER UPDATED 8260.3D VIS TABLES.
12. CHANGED LNAV/VNAV ALL CATS VISIBILITY MINIMUMS FROM RVR 5000 TO RVR 4000. - PER UPDATED 8260.3D VIS TABLES.
13. INCREASED LNAV VISIBILITY MINIMUMS FROM RVR 2400 TO RVR 4000. -NEW VISIBILITY TABLES.
14. INCREASED CIRCLING CAT A MINIMUMS FROM MDA 500/HAA 471 TO MDA 520/HAA 492. - NEW CONTROLLING OBSTACLE/AIRPORT ELEVATION CHANGED FROM 29 TO 28.
15. CIRCLING CAT B MINIMUMS CHANGED FROM MDA 640/HAA 611 TO MDA 640/HAA 612, CAT C/D CHANGED FROM MDA 820/HAA 791 TO MDA 760/HAA 732. - AIRPORT ELEVATION CHANGED FROM 29 TO 28, CAT C/D LOWERED MINIMUMS BASED ON RNAV (GPS) RWY 18 A3 FULL AMENDMENT.
16. CRC REMAINDER CHANGED FROM "16E88A82" TO "CD933AD7". - LTP/FTP LAT/LONG CHANGED FROM "302350.9230N/0890343.5085W" TO "302350.9235N/0890343.5090W" AND FPAP COORDINATES FROM "302453.8355N/0890456.2955W" TO "302453.9860N/0890456.4680W", LTP ORTHOMETRIC HEIGHT AND FPAP ORTHOMETRIC HEIGHT CHANGED FROM "+00068" TO "+00067".
17. LENGTH OFFSET CHANGED FROM "0000" TO "0008" - PER TARGETS EVALUATION.
18. VERTICAL ALERT LIMIT CHANGED FROM 35.0 TO 50.0 - LPV HAT CHANGED FROM 200 TO 250.
19. ADDED CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV. - INCORPORATE NOTAM FDC 0/3160/NEW VISIBILITY TABLES.
20. CHANGED TERMINAL ROUTES CA ALTITUDE FROM 228 TO 277. - LPV DA RAISED FROM 228 TO 277.
21. DELETED FAHRENHEIT TEMPERATURES FROM THE BARO-VNAV NOTE. - 8260.19I, 8-6-9R.
22. ADDED MAX HOLD-IN-LIEU ALTITUDE OF 6000 TO PROFILE LINE 2 - 8260.19I, 8-6-7, B(2).
23. REMOVED CHART: ASR FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED, IAW 8260.19I 1-1-5F(20).
24. REMOVED "LNAV ONLY" FROM ADDITIONAL FLIGHT DATA AND REMOVED "" FROM "CHART VDP AT 1.08 NM TO RW32"- NO LONGER REQUIRED; IAW 8260.19I 8-6-7D AND 8-6-10M (MEMO).
25. 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.
26. CHANGED CHART FAS OBST: FROM "172 TOWER 302315N/0890340W" TO "172 TOWER (28-020746) 302315N/0890340W" - IAW 8260.19I, 8-6-10C.

COORDINATED WITH:

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

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



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGPT
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	302350.9235N
LTP/FTP LONGITUDE	0890343.5090W
LTP/FTP ELLIPSOIDAL HEIGHT	-00213
FPAP LATITUDE	302453.9860N
FPAP LONGITUDE	0890456.4680W
THRESHOLD CROSSING HEIGHT (TCH)	00054.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CD933AD7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00067
FPAP ORTHOMETRIC HEIGHT	+00067