

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> KPIT	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 28C	<u>ORIGINAL/AMENDMENT</u> 5	<u>CITY</u> PITTSBURGH	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 1203	<u>TDZE</u> 1134	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 28C	<u>ORIGINAL/AMENDMENT</u> 4C	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 9W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 AUGUST 2023	<u>REQUIRED EFFECTIVE DATE</u> 08/10/2023	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
HLG VOR/DME		PRESY		TF	FO	1.00	073.45	31.09	4000
GRACE	IAF	PRESY	NOPT	TF	FB	1.00	206.57	23.57	4000
DIYAC	IAF	PRESY	NOPT	TF	FB	1.00	307.22	7.92	5000
PRESY	IF/IAF	SUPPR		TF	FB	1.00	281.15	6.00	3000
SUPPR	FAF	FOLOX/2.90 NM TO RW28C		TF	FB	0.30	281.06	2.80	
FOLOX/2.90 NM TO RW28C		RW28C	MAP	TF	FO	0.30	281.06	2.90	
RW28C	MAP	1384 MSL		CA			281.06		
1384 MSL		EPONE		DF	FB	1.00			
EPONE		HLG VOR/DME		TF	FO	1.00	219.63	16.27	4000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW28C

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT EPONE AND ON TRACK 219.63 TO HLG VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
34
CHECKED

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD E PRESY, RT, 281.15 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	281.06	FAF: SUPPR	DIST FAF TO MAP: 5.70	DIST FAF TO THLD: 5.70	
4. MIN ALT:	PRESY 4000, SUPPR 3000, FOLOX/2.90 NM TO RW28C 2100				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.63	GS ANT:
6. MIN GP INCPT:	3000	GP ALT AT PFAF :	SUPPR 3000	OM:	MM:
7. GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR
			TCH: 50.0		
8. MSA FROM:	RW28C 3100				

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 14 NA AT NIGHT.
CHART NOTE: RWY 28C HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.

ADDITIONAL FLIGHT DATA:

HOLD NE, LT, 223.00 INBOUND.
CHART FAS OBST: 1340 WATER_TOWER (42-027881) 402945N/0801242W.
CHART 1368 TOWER 402855N/0800835W.
CHART VDP AT 1.33 NM TO RW28C.
WAAS CHANNEL # 45527
REFERENCE PATH ID: W28A
CHART CIRCLING ICON.
LTP HAE: 311.4 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4

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	1384	4000	250	1384	4000	250	1384	4000	250	1384	4000	250			
LNAV/VNAV DA	1544	6000	410	1544	6000	410	1544	6000	410	1544	6000	410			
LNAV MDA	1600	5500	466	1600	5500	466	1600	1 3/8	466	1600	1 3/8	466			
CIRCLING	1700	1	497	1700	1	497	1880	2	677	1880	2 1/4	677			

CHANGES - REASONS

1. FPAP LATITUDE/LONGITUDE CORRECTED FROM 402923.6985N/0801452.5475W TO 402923.6985N/0801452.5435W - IAW 8260.19I, APPENDIX K.
2. CRC REMAINDER CORRECTED FROM B538B6A0 TO BCF19188 - FPAP COORDINATES CHANGED AND IAW 8260.19I, APPENDIX K.
3. CHANGED LINE 3 DIST FAF TO MAP AND FAF TO THLD FROM 5.62 TO 5.70 - RELOCATED FINAL APPROACH FIX FOR OPTIMUM VDA.
4. DELETED FEEDER SEGMENT FROM NESTO TO PRESY - PER FPT REQUEST AND VOR MON PROJECT.
5. ADDED INITIAL APPROACH FIX SEGMENT FROM DIYAC TO PRESY - PER REQUEST OF FPT.
6. CHANGED DISTANCE FOR SUPPR TO FOLOX FROM 2.72 NM TO 2.80 NM - RELOCATED FINAL APPROACH FIX FOR OPTIMUM VDA.
7. CHANGED DISTANCE FOR PRESY TO SUPPR FROM 6.08 NM TO 6.00 NM - RELOCATED FINAL APPROACH FIX FOR OPTIMUM VDA.
8. CHANGED VDP LOCATION FROM "1.26 NM TO RW28C" TO "1.33 NM TO RW28C" - RAISED LNAV MDA.
9. CHANGED FAS OBSTACLE FROM "1265 TREE 402852N/0801133W TO "1340 WATER TOWER (42-027881) 402945N/0801242W" - NEW FINAL CONTROLLING OBSTACLE.
10. REMOVED *LNAV ONLY - IAW FAAO 8260.19I.
11. CHANGED LPV DA/HAT AND VISIBILITY ALL CATS FROM 1471/337 AND 6000 RVR TO 1384/250 AND 4000 RVR - NEW CONTROLLING OBSTACLE.
12. CHANGED LNAV/VNAV DA/HAT AND VISIBILITY ALL CATS FROM 1545/411 AND 1 1/2 SM TO 1544/410 AND 6000 RVR - NEW CONTROLLING OBSTACLE.
13. CHANGED LNAV MDA/HAT FROM 1580/446 TO 1600/466 - NEW CONTROLLING OBSTACLE.
14. CHANGED LNAV VISIBILITY CAT D 1 1/2 SM TO 1 3/8 SM - IAW 8260.3 VISIBILITY TABLE.
15. CHANGE NOTE FROM: "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F)." TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C." - IAW 8260.19I NEW FORMAT.
16. CHANGE PBN REQUIREMENTS NOTE FROM RNP APCH TO RNP APCH - GPS - IAW 8260.19I
17. CHART NOTE: CIRCLING RWY 14 NA AT NIGHT. - VISUAL AREA HAS 20:1 PENETRATIONS.
18. REMOVED "DISTANCE TO THLD FROM 337 HAT: 0.90 NM" FROM ADDITIONAL FLIGHT DATA AND ADDED "DIST TO THLD FROM 250 HAT: 0.63 NM" TO LINE 5 - IAW 8260.19I 8-6-7.E.
19. CHANGED "CHART 1385 TOWER 402948N/0800708W" TO "CHART 1368 TOWER 402855N/0800835W" IN ADDITIONAL FLIGHT DATA - NEW 7:1 EXCLUDED OBSTACLE.
20. CHANGED NOTE FROM "USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS" TO "USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS" - 8260.19I 8-6-11.O(8)(D).
21. CHANGED NOTE FROM "SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC RWY 28R, ILS RWY 28R (CAT II)" TO "SIMULTANEOUS APPROACH AUTHORIZED" - 8260.19I 8-6-11.O(8)(A).
22. LINE 4 CHANGED "PRESY 4000, SUPPR 3000, FOLOX/2.90 NM TO RW28C 2100" TO "PRESY 4000, SUPPR 3000, FOLOX/2.90 NM TO RW28C 2100" - ASTERISK NO LONGER REQUIRED.



COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOB, PIT APP CON, AIRPORT MANAGER

FLIGHT CHECKED BY
PENDING

Digitally signed by
JASON KRETSCHMER

OFFICE

DATE

DEVELOPED BY
ANDRE MARSH

Digitally signed by
ANDRE L MARSH
May 25, 2023

Digitally signed by
JASON KRETSCHMER

OFFICE
AJV-A421

DATE
04/26/2023

APPROVED BY
MARLON ROBINSON

Digitally signed by
JASON KRETSCHMER
Jun 09, 2023

OFFICE
AJV-A420

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPIT
RUNWAY	RW28C
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	402920.2470N
LTP/FTP LONGITUDE	0801240.9565W
LTP/FTP ELLIPSOIDAL HEIGHT	+03114
FPAP LATITUDE	402923.6985N
FPAP LONGITUDE	0801452.5435W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	BCF19188

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03455
FPAP ORTHOMETRIC HEIGHT	+03455