

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 28R	<u>ORIGINAL/AMENDMENT</u> 6	<u>CITY</u> PITTSBURGH	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 1203	<u>TDZE</u> 1174	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 28R	<u>ORIGINAL/AMENDMENT</u> 5	<u>DATED</u> 02/01/2018	<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>
DIYAC	IAF	NASTY		TF	FB	1.00	321.40	6.48	5000
GRACE	IAF	NASTY		TF	FB	1.00	201.69	22.40	4000
NASTY	IF	ZAICO		TF	FB	1.00	281.17	9.34	3000
ZAICO	FAF	RW28R	MAP	TF	FO	0.30	281.04	5.56	
RW28R	MAP	1800 MSL		CA			281.04		1800
1800 MSL		EWC VOR/DME		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW28R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 4000 DIRECT EWC VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
34
CHECKED

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT NASTY					
3. FAC:	281.04	FAF: ZAIKO	DIST FAF TO MAP:	5.56	DIST FAF TO THLD: 5.56
4. MIN ALT:	NASTY 4000, ZAIKO 3000				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.46	GS ANT:
6. MIN GP INCPT:	3000	GP ALT AT PFAF :	ZAIKO 3000	OM:	MM:
7. GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR
			TCH:	54.8	
8. MSA FROM:	RW28R 3100				

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 14 NA AT NIGHT.
CHART NOTE: SIMULTANEOUS APPROACH 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: FOR INOPERATIVE ALS, INCREASE LNAV CATS C/D VISIBILITY TO 1 3/8 SM.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 182.00 INBOUND.
CHART FAS OBST: 1390 ATCT (42-001215) 402941N/0801416W.
CHART VDP AT 1.24 NM TO RW28R.
WAAS CHANNEL # 40027
REFERENCE PATH ID: W28D
CHART CIRCLING ICON.
LTP HAE: 323.9 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	1374	1800	200	1374	1800	200	1374	1800	200	1374	1800	200			
LNAV/VNAV DA	1629	4500	455	1629	4500	455	1629	4500	455	1629	4500	455			
LNAV MDA	1640	2400	466	1640	2400	466	1640	5000	466	1640	5000	466			
CIRCLING	1700	1	497	1700	1	497	1880	2	677	1880	2 1/4	677			

CHANGES - REASONS

1. CHANGED FPAP LATITUDE/LONGITUDE FROM 403008.3925N/ 0801616.2690W TO 40308.4010N/0801616.2730W - IAW 8260.19I, APPENDIX K.
2. CHANGED CRC REMAINDER FROM 45124BA7 TO 57B3A61F - FPAP COORDINATES CHANGED AND IAW 8260.19I, APPENDIX K.
3. DELETED FEEDER SEGMENT FROM NESTO (IAF) TO NASTY (IF) - PER FPT REQUEST AND DUE TO VORMON PROJECT DEMME STAR.
4. ADDED INITIAL APPROACH FIX SEGMENT FROM DIYAC TO NASTY - PER REQUEST OF FPT.
5. REMOVE *LNAV ONLY AND ASTERISK FROM VDP DISTANCE IN ADDITIONAL FLIGHT DATA - NOT REQUIRED IAW FAAO 8260.19I, 8-6-10 (M).
6. CHANGE NOTE FROM: "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) 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.
7. DELETE DME/DME-0.3 NA - IAW FAAO 8260.19I, 8-6-8.
8. ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS - IAW 8260.19I

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZOB, PIT APP CON, PIT ATCT, AMGR

FLIGHT CHECKED BY
PENDING

Digitally signed by
JASON KRETSCHMER
Jun 09, 2023

OFFICE
DATE

DEVELOPED BY
ANDRE MARSH
Digitally signed by
ANDRE L MARSH
May 31, 2023

OFFICE
AJV-A421
DATE
04/12/2023

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	RW28R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28D
LTP/FTP LATITUDE	403004.8665N
LTP/FTP LONGITUDE	0801400.4045W
LTP/FTP ELLIPSOIDAL HEIGHT	+03239
FPAP LATITUDE	403008.4010N
FPAP LONGITUDE	0801616.2730W
THRESHOLD CROSSING HEIGHT (TCH)	00054.8
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)	35.0
CRC REMAINDER	57B3A61F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03579
FPAP ORTHOMETRIC HEIGHT	+03579