

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> PIT	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 10C	<u>ORIGINAL/AMENDMENT</u> 5	<u>CITY</u> PITTSBURGH	<u>STATE</u> PA
<u>AIRPORT ELEVATION</u> 1203	<u>TDZE</u> 1141	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 10C	<u>ORIGINAL/AMENDMENT</u> 4B	<u>DATED</u> 02/01/2018
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 DECEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 9W
				<u>EPOCH YEAR</u> 2020
				<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>
NIMMS	IF/IAF	PLAZE		TF	FB	1.00	100.77	4.10	4000
PLAZE		FORMM		TF	FB	1.00	100.82	4.01	3000
FORMM	FAF	RW10C	MAP	TF	FO	0.30	100.88	5.68	
RW10C	MAP	1438 MSL		CA			100.88		
1438 MSL		GUBLE		DF	FB	1.00			
GUBLE		GUZIT		TF	FO	1.00	173.67	12.91	4000

MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW10C

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 4000 DIRECT GUBLE AND RIGHT TURN ON TRACK 173.67 TO GUZIT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD W NIMMS, RT, 100.77 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 100.88

FAF: FORMM

DIST FAF TO MAP: 5.68

DIST FAF TO THLD: 5.68
4. MIN ALT: NIMMS 4000, PLAZE 4000, FORMM 3000
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

297 HAT: 0.77

GS ANT:
6. MIN GP INCPT: 3000

GP ALT AT PFAF: FORMM 3000

OM:

MM:

IM:
7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 50.0
8. MSA FROM: RW10C 3100



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.

CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 328.16 INBOUND.

FAS OBST: 1414 AAO 403015N/0802106W.

CHART VDP AT 1.53 NM TO RW10C.

WAAS CHANNEL # 90126

REFERENCE PATH ID: W10A

CHART CIRCLING ICON.

LTP HAE: 313.8 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	1438	4500	297	1438	4500	297	1438	4500	297	1438	4500	297			
LNAV/VNAV DA	1634	1 3/8	493	1634	1 3/8	493	1634	1 3/8	493	1634	1 3/8	493			
LNAV MDA	1680	5500	539	1680	5500	539	1680	1 1/2	539	1680	1 1/2	539			
CIRCLING	1700	1	497	1700	1	497	1880	2	677	1880	2 1/4	677			

CHANGES - REASONS

1. DECREASED LPV VISIBILITY ALL CATS FROM RVR 5000 TO 4500; LNAV/VNAV VISIBILITY ALL CATS FROM 1 3/4 TO 1 3/8 SM. - IAW 8260.3E TABLE 3-3-1.
2. INCREASED LNAV MDA/HAT FROM 1660/519 TO 1680/539; DECREASED CAT D VISIBILITY FROM 1 3/4 TO 1 1/2 SM. - NEW LNAV CONTROLLING OBSTACLE; IAW 8260.3E TABLE 3-3-1.
3. REMOVED FEEDERS FROM AGC VOR/DME AND INITIALS FROM CUTTA, WISKE. – PER FPT REQUEST; VORMON PROJECT.
4. UPDATED INTERMEDIATE STEPDOWN PLAZE – FORMM COURSE/DISTANCE FROM 100.84/4.10 TO 100.82/4.01. – PFAF FORMM MOVED TO ACCOMMODATE GPA/TCH 3.00/50.0.
5. UPDATED PFAF FORMM – RW14 COURSE/DISTANCE FROM 100.87/5.59 TO 100.88/5.68. - PFAF FORMM MOVED TO ACCOMMODATE GPA/TCH 3.00/50.0.
6. UPDATED MISSED APPROACH CA LEG COURSE FROM 100.87 TO 100.88. – FINAL COURSE UPDATED.
7. UPDATED MISSED APPROACH GUBLE – AGC VOR/DME TO GUBLE – GUZIT; COURSE/DISTANCE FROM 158.57/12.59 TO 159.72/11.61. – VORMON PROJECT; AGC VOR/DME REPLACED WITH FIX GUZIT.
8. UPDATED MISSED APPROACH INSTRUCTIONS FROM “CLIMB TO 4000 DIRECT GUBLE AND RIGHT TURN ON TRACK 169.51 TO AGC VOR/DME AND HOLD” TO “CLIMB TO 4000 DIRECT GUBLE AND RIGHT TURN ON TRACK 173.67 TO GUZIT AND HOLD.” - VORMON PROJECT; AGC VOR/DME REPLACED WITH FIX GUZIT.
9. LINE 3: UPDATED FAC FROM 100.87 TO 100.88; DIST FAF TO MAP/THLD FROM 5.59 TO 5.68. - PFAF FORMM MOVED TO ACCOMMODATE GPA/TCH 3.00/50.0.
10. LINE 5: ADDED DISTANCE TO THLD FROM 297 HAT: 0.77. REMOVED "DISTANCE TO THLD FROM 297 HAT: 0.77 NM" FROM ADDITIONAL FLIGHT DATA. –FORMS UPDATED.
11. LINE 7: ADDED 20:1 IS CLEAR; UPDATED TCH FROM 51.5 TO 50.0. – NO 20:1 PENETRATIONS EXIST; TCH UPDATED TO MATCH VGSI AND RNAV (RNP) Z RWY 10C.
12. REMOVED CHART NOTE: DME/DME RNP-0.3 NA; ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. - IAW 8260.19J 8-6-8.
13. UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (2F) OR ABOVE 54C (130 F) UPDATED TO -17F TO 54C. – FAHRENHEIT REMOVED IAW 8260.19J.
14. CHANGED NOTE FROM "SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC RWY 10L, ILS RWY 10L (CAT II), ILS RWY 10L (CAT III)" TO "SIMULTANEOUS APPROACH AUTHORIZED" - 8260.19J 8-6-12 O(8)(A).
15. UPDATED CHART 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." - IAW 8260.19J 8-6-10 O.
16. REMOVED ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1319 TREE 402948N/0801623W. - ONLY NON-PRECISION OBSTACLES ARE DOCUMENTED IAW 8260.19J 8-6-11 C.
17. UPDATED ADDITIONAL FLIGHT DATA: FROM “CHART FAS OBST: 1390 TREE 402948N/0801658W” TO “FAS OBST: 1414 AAO 403015N/0802106W.” – NEW FINAL LNAV CONTROLLING OBSTACLE.
18. ADDITIONAL FLIGHT DATA: CHART VDP AT 1.47 NM TO RW10C UPDATED TO 1.53 NM TO RW10C. – NEW EVALUATION COMPLETED.
19. FAS DATA: FPAP LATITUDE/LONGITUDE UPDATED FROM 402920.0410N/0801233.1755W TO 402920.0420N/0801233.1755W. - TARGETS CALCULATION.
20. FAS DATA: CRC REMAINDER UPDATED FROM DCB5770F TO EB106E99. -FPAP LATITUDE/LONGITUDE UPDATED.

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☒

HAI

☐

NBAA

☒

OTHER: ZOB, PIT APP CON, PIT ATCT, AMGR

FLIGHT CHECKED BY

JEREMY R VIRTIS

Digitally signed by
JOSEPH L ZEDER
Oct 22, 2024

OFFICE

AJF

DATE

10/17/2024

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by
JOSEPH L ZEDER
Oct 22, 2024

OFFICE

AJV-A432

DATE

06/05/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
JOSEPH L ZEDER
Oct 22, 2024

OFFICE

AJV-A430

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPIT
RUNWAY	RW10C
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	402923.5420N
LTP/FTP LONGITUDE	0801446.5360W
LTP/FTP ELLIPSOIDAL HEIGHT	+03138
FPAP LATITUDE	402920.0420N
FPAP LONGITUDE	0801233.1755W
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	EB106E99

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03478
FPAP ORTHOMETRIC HEIGHT	+03478