

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 10R	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> PITTSBURGH	<u>STATE</u> PA
<u>AIRPORT ELEVATION</u> 1203	<u>TDZE</u> 1135	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 10R	<u>ORIGINAL/AMENDMENT</u> 3C	<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

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MUFTI	IF/IAF	WIILE		TF	FB	1.00	100.77	3.97	4000
WIILE		STARG		TF	FB	1.00	100.84	3.87	3000
STARG	FAF	RW10R	MAP	TF	FO	0.30	100.87	5.70	
RW10R	MAP	1335 MSL		CA			100.87		
1335 MSL		DITPE		DF	FB	1.00			
DITPE		GUZIT		TF	FO	1.00	168.19	13.15	4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW10R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT DITPE AND RIGHT TURN ON TRACK 168.19 TO GUZIT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD W MUFTI, RT, 100.77 INBOUND, 5000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 100.87

FAF: STARG

DIST FAF TO MAP: 5.70

DIST FAF TO THLD: 5.70
4. MIN ALT: MUFTI 5000, WIILE 4000, STARG 3000
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

200 HAT: 0.47

GS ANT:
6. MIN GP INCPT: 3000

GP ALT AT PFAF: STARG 3000

OM:

MM:

IM:
7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 50.9
8. MSA FROM: RW10R 3100



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
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 SE, RT, 328.16 INBOUND.
FAS OBST: 1398 AAO 402912N/0802039W.
CHART VDP AT 1.42 NM TO RW10R.
WAAS CHANNEL # 86226
REFERENCE PATH ID: W10D
CHART CIRCLING ICON.
LTP HAE: 311.8 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	1335	1800	200	1335	1800	200	1335	1800	200	1335	1800	200			
LNAV/VNAV DA	1658	5500	523	1658	5500	523	1658	5500	523	1658	5500	523			
LNAV MDA	1660	2400	525	1660	2400	525	1660	5500	525	1660	5500	525			
CIRCLING	1700	1	497	1700	1	497	1880	2	677	1880	2 1/4	677			



CHANGES - REASONS

1. DECREASED LPV DA/HAT FROM 1443/308 TO 1335/200; VISIBILITY FROM RVR 2400 TO 1800. – NEW EVALUATION COMPLETED; ALL SURFACES CLEAR.
2. DECREASED LNAV/VNAV VISIBILITY FROM 1 3/8 SM TO RVR 5500. – IAW 8260.3E TABLE 3-3-1
3. INCREASED LNAV MDA/HAT FROM 1620/485 TO 1660/525; VISIBILITY CATS C AND D FROM RVR 5000 TO 5500. – NEW CONTROLLING OBSTACLE.
4. REMOVED FEEDER FROM AGC VOR/DME AND INITIALS FROM CUTTA, WISKE. – PER FPT REQUEST; VORMON PROJECT.
5. UPDATED INTERMEDIATE STEPDOWN WILE TO STARG COURSE/DISTANCE FROM 100.77/3.97 TO 100.84/3.87. – PFAF STARG MOVED TO ACCOMMODATE GPA/TCH 3.00/50.9.
6. UPDATED PFAF STARG – RW10R COURSE/DISTANCE FROM 100.88/5.60 TO 100.87/5.70. - PFAF STARG MOVED TO ACCOMMODATE GPA/TCH 3.00/50.9.
7. UPDATED MISSED APPROACH CA LEG ALTITUDE FROM 1443 TO 1335; COURSE FROM 100.88 TO 100.87. – LPV MINIMUMS LOWERED; FINAL COURSE UPDATED.
8. UPDATED MISSED APPROACH DITPE – AGC VOR/DME TO DITPE – GUZIT; COURSE/DISTANCE FROM 168.17/13.16 TO 168.19/13.15. – VORMON PROJECT; AGC VOR/DME REPLACED WITH FIX GUZIT.
9. UPDATED MISSED APPROACH INSTRUCTIONS FROM “CLIMB TO 4000 DIRECT DITPE AND RIGHT TURN ON TRACK 168.17 TO AGC VOR/DME AND HOLD” TO “CLIMB TO 4000 DIRECT DITPE AND RIGHT TURN ON TRACK 168.19 TO GUZIT AND HOLD.” - VORMON PROJECT; AGC VOR/DME REPLACED WITH FIX GUZIT.
10. LINE 3: UPDATED FAC FROM 100.88 TO 100.87; DIST FAF TO MAP/THLD FROM 5.60 TO 5.70. - PFAF STARG MOVED TO ACCOMMODATE GPA/THC 3.00/50.9.
11. LINE 5: ADDED DISTANCE TO THLD FROM 200 HAT: 0.47. REMOVED "DISTANCE TO THLD FROM 308 HAT: 0.81 NM" FROM ADDITIONAL FLIGHT DATA. –FORMS UPDATED.
10. LINE 7: ADDED 20:1 IS CLEAR; UPDATED TCH FROM 51.1 TO 50.9. – NO 20:1 PENETRATIONS EXIST; TCH UPDATED TO MATCH ILS OR LOC RWY 10R DESIGN TCH.
11. REMOVED CHART NOTE: DME/DME RNP-0.3 NA; ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. - IAW 8260.58C TABLE 1-2-1.
12. UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (1F) OR ABOVE 54C (130 F) UPDATED TO -17F TO 54C. – FAHRENHEIT REMOVED IAW 8260.19J.
13. 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).
14. REMOVED CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV VISIBILITY TO RVR 5000 ALL CATS, LNAV/VNAV TO 1 3/4 SM ALL CATS, AND LNAV CAT C/D VISIBILITY TO 1 3/8 SM. – NO LONGER REQUIRED.
15. UPDATED CHART FAS OBST: FROM “1357 ANT OL 402950N/0801659W” TO “FAS OBST: 1398 AAO 402912N/0802039W.” – NEW LNAV CONTROLLING OBSTACLE.
16. ADDITIONAL FLIGHT DATA: CHART VDP AT 1.30 NM TO RW10R UPDATED TO 1.42 NM TO RW10R. – NEW EVALUATION COMPLETED.
17. FAS DATA: FPAP LATITUDE/LONGITUDE UPDATED FROM 402908.3200N/0801238.1300W TO 402908.3235N/0801238.1125W. - TARGETS CALCULATION BASED ON CURRENT AIRNAV DATA.
18. FAS DATA: UPDATED VERTICAL ALERT LIMIT (VAL) FROM 50.0 TO 35.0. – LPV HAT REDUCED FROM 250 TO 200.
19. FAS DATA: CRC REMAINDER UPDATED FROM 9C9ACCA7 TO 4EBC5275. - FPAP LATITUDE/LONGITUDE AND VAL UPDATED.
20. 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.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

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

FPO

DATE

09/05/2024

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by

JOSEPH L ZEDER

Oct 22, 2024

OFFICE

AJV-A432

DATE

06/12/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

JOSEPH L ZEDER

Oct 22, 2024

OFFICE

AJV-A430

DATE

TITLE

MANAGER



AIRPORT ID
PIT

PROCEDURE NAME
RNAV (GPS) Y RWY 10R

ORIGINAL/AMENDMENT
4

CITY
PITTSBURGH

STATE
PA

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KPIT
RW10R
0
Y
0
W10D
402912.2245N
0801506.8565W
+03118
402908.3235N
0801238.1125W
00050.9
F
03.00
106.75
0000
40.0
35.0

CRC REMAINDER

4EBC5275

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+03459
+03459

QUALITY
34
CHECKED