

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) RWY 10L	<u>ORIGINAL/AMENDMENT</u> 5	<u>CITY</u> PITTSBURGH	<u>STATE</u> PA
<u>AIRPORT ELEVATION</u> 1203	<u>TDZE</u> 1203	<u>SUPERSEDED</u> RNAV (GPS) RWY 10L	<u>ORIGINAL/AMENDMENT</u> 4	<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
EWC VOR/DME		STOWI		TF	FO	1.00	226.45	23.85	4000
STOWI	IF/IAF	RACOO		TF	FB	1.00	100.77	6.32	3000
RACOO	FAF	ZAXAB/2.44 NM TO RW10L		TF	FB	0.30	100.86	3.01	
ZAXAB/2.44 NM TO RW10L		RW10L	MAP	TF	FO	0.30	100.86	2.44	
RW10L	MAP	1900 MSL		CA			100.86		1900
1900 MSL		EWC VOR/DME		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW10L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1900 THEN CLIMBING LEFT TURN TO 4000 DIRECT EWC VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD W STOWI, RT, 100.77 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 100.86	FAF: RACOO		DIST FAF TO MAP: 5.46	DIST FAF TO THLD: 5.46	
4. MIN ALT: RACOO 3000, ZAXAB/2.44 NM TO RW10L 2040					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.44	GS ANT:
6. MIN GP INCPT: 3000	GP ALT AT PFAF: RACOO 3000			OM:	MM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 59.3		IM:
8. MSA FROM: RW10L 3100					



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
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: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EWC VOR/DME ON V37 NORTHBOUND.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS C/D VISIBILITY TO RVR 6000.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 182.00 INBOUND.
CHART FAS OBST: 1356 POLE (42-028303) 402951N/0801659W.
CHART VDP AT 1.04 NM TO RW10L.
WAAS CHANNEL # 81826
REFERENCE PATH ID: W10B
CHART CIRCLING ICON.
LTP HAE: 332.6 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	1403	1800	200	1403	1800	200	1403	1800	200	1403	1800	200			
LNAV/VNAV DA	1635	4000	432	1635	4000	432	1635	4000	432	1635	4000	432			
LNAV MDA	1620	2400	417	1620	2400	417	1620	4000	417	1620	4000	417			
CIRCLING	1700	1	497	1700	1	497	1880	2	677	1880	2 1/4	677			

CHANGES - REASONS

1. REMOVED FEEDER FROM AGC VOR/DME AND INITIALS FROM CUTTA, WISKE. – PER FPT REQUEST; VORMON PROJECT.
2. UPDATED FINAL RACCO – ZAXAB DISTANCE FROM 2.96 TO 3.01; STEPDOWN ZAXAB TO RW10L DISTANCE FROM 2.50 TO 2.44. – STEPDOWN ZAXAB MOVED TO ACCOMMODATE GPA/TCH 3.00/59.3.
3. LINE 4: REMOVED *, AND *LNAV ONLY FROM ADDITIONAL FLIGHT DATA. - NO LONGER REQUIRED.
4. LINE 5: ADDED DISTANCE TO THLD FROM 200 HAT: 0.44. REMOVED "DISTANCE TO THLD FROM 200 HAT: 0.44 NM" FROM ADDITIONAL FLIGHT DATA. –FORMS UPDATED.
5. REMOVED CHART NOTE: DME/DME RNP-0.3 NA; ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. - IAW 8260.58C TABLE 1-2-1.
6. UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -18C (0F) OR ABOVE 54C (130 F) UPDATED TO -17F TO 54C. – FAHRENHEIT REMOVED IAW 8260.19J.
7. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AGC VOR/DME ON V12 EASTBOUND. – FEEDER FROM AGC VOR/DME REMOVED.
8. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CUTTA ON V40 EASTBOUND. – INITIAL FROM CUTTA REMOVED.
9. UPDATED CHART FAS OBST: FROM “1357 TOWER 402950N/0801659W” TO “1356 POLE (42-028303) 402951N/0801659W.” – NEW LNAV CONTROLLING OBSTACLE.
10. FAS DATA: FPAP LATITUDE/LONGITUDE UPDATED FROM 403004.8665N/0801400.4050W TO 403004.8665N/0801400.4000W. - TARGETS CALCULATION.
11. FAS DATA: CRC REMAINDER UPDATED FROM 88D0AC21 TO 835FD170. - FPAP LATITUDE/LONGITUDE UPDATED.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER:

ZOB, PIT APP CON, PIT ATCT, AMGR

FLIGHT CHECKED BY

JEREMY R VIRT

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

06/05/2024

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

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
RW10L
0
0
W10B
403008.4010N
0801616.2685W
+03326
403004.8665N
0801400.4000W
00059.3
F
03.00
106.75
0000
40.0
35.0

CRC REMAINDER

835FD170

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+03666
+03666

