

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 14	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> PITTSBURGH	<u>STATE</u> PA
<u>AIRPORT ELEVATION</u> 1203	<u>TDZE</u> 1148	<u>SUPERSEDED</u> RNAV (GPS) RWY 14	<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
CALIV	IF/IAF	BILRE		TF	FB	1.00	145.28	5.91	3000
BILRE	FAF	HALBA/2.99 NM TO RW14		TF	FB	0.30	145.33	2.64	
HALBA/2.99 NM TO RW14		RW14	MAP	TF	FO	0.30	145.33	2.99	
RW14	MAP	1603 MSL		CA			145.33		
1603 MSL		JAKMA		DF	FB	1.00			
JAKMA		GUZIT		TF	FO	1.00	159.72	11.61	4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT JAKMA AND ON TRACK 159.72 TO GUZIT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD NW CALIV, RT, 145.28 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 145.33

FAF: BILRE

DIST FAF TO MAP: 5.63

DIST FAF TO THLD: 5.63
4. MIN ALT: CALIV 4000, BILRE 3000, HALBA/2.99 NM TO RW14 2160
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

507 HAT: 1.40

GS ANT:
6. MIN GP INCPT: 3000

GP ALT AT PFAF: BILRE 3000

OM:

MM:

IM:
7. GP ANGLE: 3.00

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 60.0
8. MSA FROM: RW14 3100



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 328.16 INBOUND.
CHART FAS OBST: 1390 CONTROL_TOWER (42-001215) 402941N/0801416W.
CHART VDP AT 1.33 NM TO RW14.
WAAS CHANNEL # 77526
REFERENCE PATH ID: W14A
CHART CIRCLING ICON.
LTP HAE: 315.8 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	1655	1 3/8	507	1655	1 3/8	507	1655	1 3/8	507	1655	1 3/8	507			
LNAV/VNAV DA	1654	1 3/8	506	1654	1 3/8	506	1654	1 3/8	506	1654	1 3/8	506			
LNAV MDA	1640	5500	492	1640	5500	492	1640	1 3/8	492	1640	1 3/8	492			
CIRCLING	1700	1	497	1700	1	497	1880	2	677	1880	2 1/4	677			

CHANGES - REASONS

- INCREASED LPV DA FROM 1636/488 TO 1655/507; DECREASED VISIBILITY ALL CATS FROM 1 3/4 TO 1 3/8 SM. – NEW LPV CONTROLLING OBSTACLE; IAW 8260.3E TABLE 3-3-1.
- DECREASED LNAV/VNAV VISIBILITY ALL CATS FROM 1 3/4 TO 1 3/8 SM. - IAW 8260.3E TABLE 3-3-1.
- INCREASED LNAV VISIBILITY CATS C AND D FROM RVR 6000 TO 1 3/8 SM. - IAW 8260.3E TABLE 3-3-1.
- REMOVED FEEDERS FROM AGC VOR/DME, GRACE, AND WISKE; REMOVED INITIAL FROM CUTTA. – PER FPT REQUEST; VORMON PROJECT.
- UPDATED INTERMEDIATE CALIV – BILRE DISTANCE FROM 6.00 TO 5.91. – PFAF CALIV MOVED TO ACCOMMODATE GPA/TCH 3.00/60.0.
- UPDATED PFAF CALIV - HALBA COURSE/DISTANCE FROM 145.34/2.54 TO 145.33/2.64; STEPDOWN HALBA – RW14 COURSE/DISTANCE FROM 145.34/3.00 TO 145.33/2.99. - PFAF CALIV MOVED TO ACCOMMODATE GPA/TCH 3.00/60.0.
- UPDATED MISSED APPROACH JAKMA – AGC VOR/DME TO JAKMA – GUZIT; COURSE/DISTANCE FROM 158.57/12.59 TO 159.72/11.61. – VORMON PROJECT; AGC VOR/DME REPLACED WITH FIX GUZIT.
- UPDATED MISSED APPROACH INSTRUCTIONS FROM “CLIMB TO 4000 DIRECT JAKMA AND ON TRACK 158.57 TO AGC VOR/DME AND HOLD” TO “CLIMB TO 4000 DIRECT JAKMA AND ON TRACK 159.72 TO GUZIT AND HOLD.” - VORMON PROJECT; AGC VOR/DME REPLACED WITH FIX GUZIT.
- LINE 3: UPDATED FAC FROM 145.34 TO 145.33; DIST FAF TO MAP/THLD FROM 5.54 TO 5.63. - PFAF CALIV MOVED TO ACCOMMODATE GPA/TCH 3.00/60.0.
- LINE 4: REMOVED *, AND *LNAV ONLY FROM ADDITIONAL FLIGHT DATA. - NO LONGER REQUIRED.
- LINE 5: ADDED DISTANCE TO THLD FROM 507 HAT: 1.40. REMOVED "DISTANCE TO THLD FROM 488 HAT: 1.35 NM" FROM ADDITIONAL FLIGHT DATA. –FORMS UPDATED.
- LINE 7: ADDED 20:1 IS CLEAR. – NO 20:1 PENETRATIONS EXIST.
- REMOVED CHART NOTE: DME/DME RNP-0.3 NA; ADDED PBN REQUIREMENTS NOTE: RNP APCH - GPS. - IAW 8260.58C TABLE 1-2-1.
- UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (2F) OR ABOVE 54C (130F) UPDATED TO -17F TO 54C. – FAHRENHEIT REMOVED IAW 8260.19J.
- REMOVED ADDITIONAL FLIGHT DATA: CHART 1498 TOWER 403224N/0801728W. - ONLY NON-PRECISION OBSTACLES ARE DOCUMENTED IAW 8260.19J 8-6-11 C.
- FAS DATA: FPAP LATITUDE/LONGITUDE UPDATED FROM 402841.0900N/0801208.9900W TO 402841.0875N/0801208.9860W. - TARGETS CALCULATION.
- FAS DATA: CRC REMAINDER UPDATED FROM F9C497DD TO DF562E4F. - 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

06/04/2024

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
RW14
0
0
W14A
402945.6540N
0801329.5185W
+03158
402841.0875N
0801208.9860W
00060.0
F
03.00
106.75
0280
40.0
50.0

CRC REMAINDER

DF562E4F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+03498
+03498

