

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> AGC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> 3C	<u>CITY</u> PITTSBURGH	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 1252	<u>TDZE</u> 1251	<u>SUPERSEDED</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> 3B	<u>DATED</u> 11/03/2022	<u>MAG VAR</u> 9W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
HOMEE		KATKE		TF	FB	1.00	229.87	12.36	4000
MILWO		KATKE		TF	FB	1.00	298.80	9.46	4000
KATKE	IAF	MILKE		TF	FB	1.00	279.14	4.25	3000
MILKE	IF	LENLE		TF	FB	1.00	279.08	6.00	3000
LENLE	FAF	RW28	MAP	TF	FO	0.30	278.99	5.25	
RW28	MAP	1501 MSL		CA			278.99		
1501 MSL		MESIE		DF	FB	1.00			
MESIE		AGC VOR/DME		TF	FO	1.00	197.13	4.57	3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW28

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT MESIE AND ON 197.13 TRACK TO AGC VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- PROFILE STARTS AT MILKE
- FAC: 278.99 FAF: LENLE DIST FAF TO MAP: 5.25 DIST FAF TO THLD: 5.25
- MIN ALT: MILKE 3000, LENLE 3000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.61 GS ANT: MM: IM:
- MIN GP INCPT: 3000 GP ALT AT PFAF: LENLE 3000 OM: MM: IM:
- GP ANGLE: 3.05 34:1: IS CLEAR 20:1: IS CLEAR TCH: 51.0
- MSA FROM: RW28 3800

QUALITY
25
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1900.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV, FOR INOPERATIVE ALS INCREASE LNAV/VNAV ALL CATS TO RVR 4500.

CHART NOTE: CIRCLING RWY 13 NA AT NIGHT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MILWO ON V12 EASTBOUND.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 056.00 INBOUND.

CHART 1509 TOWER (42-000011) 402151N/0794845W.

CHART VDP AT 1.04 NM TO RW28.

WAAS CHANNEL # 65625

REFERENCE PATH ID: W28A

CHART CIRCLING ICON.

LTP HAE: 347.4 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, NA WHEN CONTROL TOWER CLOSED.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	1501	4000	250	1501	4000	250	1501	4000	250	1501	4000	250			
LNAV/VNAV DA	1546	4000	295	1546	4000	295	1546	4000	295	1546	4000	295			
LNAV MDA	1640	4000	389	1640	4000	389	1640	5500	389	1640	5500	389			
CIRCLING	1720	1	468	1720	1	468	1980	2	728	1980	2 1/4	728			



CHANGES - REASONS

1. PROFILE LINE 5 UPDATE: ADDED "250 HAT: 0.61" - REQUIREMENT FOR LPV AND RNAV VNAV MINS.
2. PROFILE LINE 7 UPDATE: ADDED CHANGED GS ANGLE FROM 3.00 TO 3.05 - GS ANGLE RECALCULATED UPDATE PER TARGETS RESULTS.
3. PROFILE LINE 7 UPDATE: ADDED 20:1 IS CLEAR - IAW 8260.19I PARA 8-6-7.G.(3).
4. LPV MINS UPDATE: CHANGED LPV DA/HAT ALL CATS FROM 1563/312 TO 1501/250. CHANGED LPV VIS RVR ALL CATS FROM 2400 TO 4000 - NEW OBACLE EVALUATION UPDATE. RWY 28 MALSR IS NOW A MALS PER FPT CHECKLIST.
5. LNAV/VNAV MINS UPDATE: CHANGED LNAV/VNAV DA/HAT ALL CATS FROM 1625/374 TO 1546/295. CHANGED LNAV/VNAV VIS RVR ALL CATS FROM 3500 TO 4000 - NEW OBSTACLE EVALUATION UPDATE. RWY 28 MALSR IS NOW A MALS PER FPT CHECKLIST.
6. LNAV MINS UPDATE: CHANGED LNAV MDA/HAT ALL CATS FROM 1700/449 TO 1640/389. CHANGED LNAV VIS RVR CAT A/B FROM 2400 TO 4000 AND LNAV RVR FROM 4500 TO 5500 - RWY 28 MALSR IS NOW A MALS PER FPT CHECKLIST.
7. ADDITIONAL FLIGHT DATA UPDATE: CHANGED CHART FAS OBST FROM "1352 TREE 402123N/795415W" TO "1382 AAO 402139N/0794909W" - NEW LNAV CONTROLLING OBSTACLE UPDATE PER TARGETS RESULTS.
8. ADDITIONAL FLIGHT DATA UPDATE: CHANGED "CHART 1510 TOWER 402151/784845" TO "CHART 1509 TOWER (42-000011) 402151N/0794845W" - NEW 7:1 OBSTACLES UPDATE PER TARGETS RESULTS.
9. ADDITIONAL FLIGHT DATA UPDATE: REMOVED "DISTANCE TO THLD FROM 381 HAT: 1.00 NM" AND "FINAL SEGMENT: (TF)" - NO LONGER REQUIRED IN THAT BLOCK.
10. CHANGED CHART NOTE FROM "FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500 AND LNAV/VNAV CAT C/D TO RVR 5500" TO "INOPERATIVE TABLE DOES NOT APPLY TO LPV, FOR INOPERATIVE ALS INCREASE LNAV/VNAV ALL CATS TO RVR 4500" - LIGHTING CHANGED FROM MALSR TO MALS AND PER 8260.3 VISIBILITY VALUES CRITERIA.
11. CRC REMAINDER CHANGED FROM 3B9F79DD TO B87E5B71 - LTP/FTP LAT/LONG CHANGED FROM 402115.5200N/0795504.000W. FPAP LAT/LONG CHANGED FROM 402115.3800N/0795700.5500W TO 402115.3810N/0795700.5405W.
12. CHANGE NOTE FROM "PROCEDURE NA FOR ARRIVALS AT HOMEE VIA V119 NORTHBOUND, AND ARRIVALS AT MILWO VIA V12 EASTBOUND" TO "PROCEDURE NA FOR ARRIVALS AT MILWO ON V12 EASTBOUND" - WORDING UPDATED IAW 8260.19J PARA 8-2-4G(2) AND V119 CANCELED.
13. MA INSTRUCTIONS UPDATE: CHANGED MA INSTRUCTIONS FROM "CLIMB TO 3000 DIRECT MESIE AND ON 197.13 TRACK TO AGC VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000" TO "CLIMB TO 3100 DIRECT MESIE AND ON 197.13 TRACK TO AGC VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3100" - NEW C-I-H CONTROLLING OBSTACLE.
14. TERMINAL ROUTE UPDATE: CHANGED MA CA LEG FROM "RW28 - 1563 MSL" TO "RW28 - 1501 MSL" - NEW OBSTACLE EVALUATE UPDATE. LPV DA CHANGED FROM 1563 TO 1501.
15. TERMINAL ROUTE UPDATE: CHANGED MA DF LEG FROM "1563 MSL - MESIE" TO "1501 MSL - MESIE" - NEW OBSTACLE EVALUATE UPDATE. LPV DA CHANGED FROM 1563 TO 1501.
16. ADDITIONAL FLIGHT DATA UPDATE: CHANGED "CHART VDP AT 1.23 NM TO RW28" TO "CHART VDP AT 1.04 NM TO RW28" - VDP RECALCULATED UPDATE PER TARGETS RESULTS.

3/05/25: THIS IS AN UPDATED COPY OF THE FORM DEVELOPE ON 12/31/24.
MA UPDATE.
1. CHANGED MA LEG "MESIE - AGC VOR/DME" ALTITUDE FROM 3100 TO 3000.
2. CHANGED MA INSTRUCTIONS FROM "CLIMB TO 3100 DIRECT MESIE AND ON 197.13 TRACK TO AGC VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3100" TO "CLIMB TO 3000 DIRECT MESIE AND ON 197.13 TRACK TO AGC VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000".
3. ADDITIONAL FLIGHT DATA: CHANGED "HOLD SE, RT, 327.16 INBOUND" TO "HOLD SW, RT, 056.00 INBOUND".

05/22/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/11/2025.
PREFACED NOTE: CIRCLING RWY 13 NA AT NIGHT WITH CHART NOTE.

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

☒

HAI

NBAA

☒

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

FLIGHT CHECKED BY MICHAEL GRANT CAMPBELL	Digitally signed by ROBERT G HAMILTON May 14, 2025	OFFICE FIOG	DATE 05/10/2025
DEVELOPED BY KWEKU DONKOR	Digitally signed by KWEKU DONKOR Mar 11, 2025	OFFICE AJV-A433	DATE 10/07/2024
APPROVED BY BEV L BORDY	Digitally signed by ROBERT G HAMILTON May 14, 2025	OFFICE AJV-A430	DATE 06/05/2025 TITLE MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAGC
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	402115.5190N
LTP/FTP LONGITUDE	0795503.9940W
LTP/FTP ELLIPSOIDAL HEIGHT	+03474
FPAP LATITUDE	402115.3810N
FPAP LONGITUDE	0795700.5405W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.05
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B87E5B71

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03810
FPAP ORTHOMETRIC HEIGHT	+03810



FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
AGC	RNAV (GPS) RWY 28	3C	PITTSBURGH	PA	1252	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM HOMEE TO KATKE

RNP 1.00 DISTANCE 12.36 PAT MAP HAT HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (39-1897)	401824.00N/0793415.00W	1772	500	125	5E	2000				AT228	4000
TERRAIN	402230.00N/0793351.00W	1539 (1500)								AS1500	3000

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FEEDER

FROM MILWO TO KATKE

RNP 1.00 DISTANCE 9.46 PAT MAP HAT HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	401406.00N/0792215.00W	2300	164	98	4E	2000				MT-300	4000
TERRAIN	401709.00N/0792833.00W	1572 (1600)								AS1500	3100

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

KATKE

TO

MILKE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	4.25										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (39-1897)	401824.00N/0793415.00W	1772	500	125	5E	1000					2800
TERRAIN	402215.00N/0793506.00W	1470 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

MILKE

TO

LENLE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	6.00										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (39-2453)	402303.00N/0794134.00W	1686	250	50	4D	500				AT814	3000
TERRAIN	402303.00N/0794134.00W	1336 (1300)								AS1500	2800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

LENLE

TO

RW28

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.25		DA				250				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				1501

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

LENLE

TO

RW28

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.25		DA				295				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (42-062755)	402120.69N/0795415.09W	1353	20	3	1A	161				MA32	1546

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

LENLE

TO

RW28

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	5.25		RW28				389				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	402139.00N/0794900.00W	1382	215	8	4B	250					1640

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LPV

FROM

DA

TO

AGC VOR/DME

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 1339				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3000
TOWER (42-001656)	401706.07N/0800216.22W	1612	20	3	1A	1000					2700
TERRAIN	401754.00N/0800354.00W	1364 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH: LNAV/VNAV

FROM

DA

TO

AGC VOR/DME

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 1352				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
ANTENNA (42-069956)	402201.38N/0795520.18W	1414	20	3	1A		ASC			SA-5	3000
TOWER (42-001656)	401706.07N/0800216.22W	1612	20	3	1A	1000					2700
TERRAIN	401754.00N/0800354.00W	1364 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH: LNAV

FROM

RW28

TO

AGC VOR/DME

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 1450				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3000
TOWER (42-001656)	401706.07N/0800216.22W	1612	20	3	1A	1000					2700
TERRAIN	401754.00N/0800354.00W	1364 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
ANTENNA (42-069956)	402201.38N/0795520.18W	1.31	468	1414	20	3	1A	300			1720
CATEGORY B											
ANTENNA (42-069956)	402201.38N/0795520.18W	1.85	468	1414	20	3	1A	300			1720
CATEGORY C											
TOWER (42-002108)	401917.99N/0795239.25W	2.91	728	1663	20	3	1A	300			1980
CATEGORY D											
TOWER (42-002108)	401917.99N/0795239.25W	3.80	728	1663	20	3	1A	300			1980

CIRCLING REMARKS:

MSA

CENTER

RW28

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (39-1943)	400211.81N/0792943.34W	143	27.2	2724	20	3	1A	1000			3800

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA NOT USED, PER ATC REQUEST.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

PIT APP CON, AGC TOWER, ALTOONA FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	AGC	24	AGC	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS

WX REMARKS:

BACK-UP ALTIMETER SOURCE NOT DEVELOPED DUE TO REDUNDANT WEATHER SOURCES ON FIELD.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
01H		BSC-G	
RW13 - HIRL, REIL		BSC-G	
RW31 - HIRL, REIL		BSC-G	
RW10 - REIL, HIRL, VASI-4L		PIR-G	ROLL OUT
RW28 - MALS, HIRL		PIR-G	APPROACH

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.05	1250.0	51.0				

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-16C	+54C	-16C	+12.52C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY ((2017-2021)).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 988 HIGH TEMP 1282.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 13
20:1	



<u>AIRPORT ID</u> AGC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 28	<u>AMDT NO.</u> 3C	<u>CITY</u> PITTSBURGH	<u>STATE</u> PA	<u>AIRPORT ELEVATION</u> 1252	<u>FACILITY</u> RNAV
1255 POLE (42-105954) 402126.90N/0795606.10W (9.75)						
<u>PENETRATIONS REMARKS:</u>						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

100FT VEG USED PER FPT CHECKLIST.
ORDER 8260.3 CHAPTER 2 APPLIED TO 1509 TOWER (42-000011) 402151.00N/0794845.00W.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.09
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	269.99
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1300
DISTANCE FROM	THLD	TO 1500FT POINT	4.63
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.97
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	269.99
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1300

THRESHOLD COORDINATES (IF STR-IN)	402115.52N/0795503.99W
ARP COORDINATES	402115.98N/0795544.57W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 10 DISTANCE 0.55 NM
FAF COORDINATES	402115.76N/0794811.68W
FIX NAME COORDINATES	IF MILKE 402115.53N/0794020.78W

REMARKS

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
KWEKU DONKOR	AJV-A433	10/07/2024	AERONAUTICAL INFORMATION SPECIALIST

