

**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> LHV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27R	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> LOCK HAVEN	<u>STATE</u> PA
<u>AIRPORT ELEVATION</u> 556	<u>TDZE</u> 556	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 11W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2005
			<u>CANCEL/SUSPEND</u>	

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 174/30 CW 354/30	NOPT	174/9 CW 354/9		4900
2. 174/9 CW 354/9		GABBA	IF/IAF	4400
3. 354/30 CW 084/30		354/4 CW 084/4		4800
4. 354/4 CW 084/4		DINOZ	IAF	4400
5. 084/30 CW 174/30		084/5 CW 174/5		4800
6. 084/5 CW 174/5		CHEDY	IAF	4400

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>
DINOZ	IAF	GABBA	NOPT	TF	FB	1.00	353.55	5.00	4400
CHEDY	IAF	GABBA	NOPT	TF	FB	1.00	173.50	5.00	4400
GABBA	IF/IAF	GOOUL		TF	FB	1.00	263.52	6.00	3200
GOOUL	FAF	AFNAJ/3.84 NM TO MAPGL		TF	FB	0.30	263.44	2.02	
AFNAJ/3.84 NM TO MAPGL		MAPGL	MAP	TF	FO	0.30	263.44	3.84	
MAPGL	MAP	956 MSL		CA			263.44		
956 MSL		ZAKYO		DF	FB	1.00			
ZAKYO		FAVUM		TF	FO	1.00	342.70	7.81	4400

MISSED APPROACH

MAP:

LP: MAPGL
LNAV: MAPGL

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 4400 DIRECT ZAKYO THEN ON TRACK 342.70 TO FAVUM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4400.**MISSED APPROACH REQUIRES MINIMUM CLIMB OF 260 FEET PER NM TO 2500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
18
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD E GABBA, RT, 263.52 INBOUND, 4400 IN LIEU OF PT (IF/IAF), MAX 6000.														
3.	FAC:	263.44	FAF:	GOOUL	DIST FAF TO MAP:	5.86	DIST FAF TO THLD:	6.11							
4.	MIN ALT:	GABBA 4400, GOOUL 3200, AFNAJ/3.84 NM TO MAPGL 2340													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		GS ANT:						
6.	MIN GP INCPT:		GP ALT AT FAF:						OM:		MM:			IM:	
7.	GP ANGLE:		34:1:	IS NOT CLEAR	20:1:	IS NOT CLEAR	TCH:								
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 27R HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING NA TO RWYS 9R AND 27L.
CHART NOTE: CIRCLING NA S OF RWY 9L-27R.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: USE IPT ALTIMETER SETTING; WHEN NOT RECEIVED, PROCEDURE NA.

ADDITIONAL FLIGHT DATA:

CHART IPT ASOS
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 10.00 DEGREES
GOOUL TO RW27R: 4.00/48.
HOLD W, RT, 093.72 INBOUND.
CHART FAS OBST: 1675 TREE (42-054966) 410745N/0772251W, 829 TREE (42-054071) 410839N/0772119W.
WAAS CHANNEL # 90149
REFERENCE PATH ID: W27A
FAC CROSSES RWY C/L EXTENDED 1500 FT FROM THLD.
FICTITIOUS THRESHOLD POINT (CFLHK) DO NOT CHART.
FTP HAE: 135.8 M

MINIMUMS:

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

ALTERNATE: NA ☒

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
LP MDA**	1260	1	704	1260	1	704		NA			NA				
LP MDA	1520	1 1/4	964	1520	1 1/4	964		NA			NA				
LNAV MDA	1860	1 1/4	1304	1860	1 1/4	1304		NA			NA				
CIRCLING	1860	1 1/4	1304	1860	1 1/2	1304		NA			NA				

CHANGES - REASONS



COORDINATED WITH:

A4A

ALPA

AOPA

X

APA

X

HAI

NBAA

X

OTHER: ZNY,AMGR

FLIGHT CHECKED BY

JOHN KEARBY

Digitally signed by

RAKE MCGRAW

Jun 22, 2026

OFFICE

AJF

DATE

06/17/2026

DEVELOPED BY

JANTZEN TAYLOR

Digitally signed by

RAKE MCGRAW

Jun 22, 2026

OFFICE

AJV-A422

DATE

01/15/2026

APPROVED BY

RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Jun 22, 2026

OFFICE

AJV-A422

DATE

07/30/2026

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
KLHV
RW27R
0
0
W27A
410808.8045N
0772501.2025W
+01358
410741.7685N
0772653.5620W
00048.2
F
04.00
106.75
0000
40.0
00.0

CRC REMAINDER

7EA76B16

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+01692
+01692



**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>
LHV	RNAV (GPS) RWY 27R	ORIG	LOCK HAVEN	PA	556	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 174/30 CW 354/30 **TO** 174/9 CW 354/9

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<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 (42-003063)	411909.30N/0763316.30W	2856	250	50	4D	2000					4900
TERRAIN	411909.00N/0763318.00W	2585 (2600)								AS1500	4100

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 174/9 CW 354/9 **TO** GABBA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<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	410506.00N/0771215.00W	2386	215	8	4B	2000					4400
TERRAIN	410527.00N/0770148.00W	2063 (2100)								AS1500	3600

COMPUTATIONS

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

SEGMENT REMARKS:



LEFT BASE AREA

FROM

354/30 CW 084/30

TO

354/4 CW 084/4

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<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 (42-143317)	405745.42N/0772814.73W	2724	20	3	1A	2000					4800
TERRAIN	405745.00N/0772806.00W	2362 (2400)								AS1500	3900

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

LEFT BASE AREA

FROM

354/4 CW 084/4

TO

DINOZ

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<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	410506.00N/0771215.00W	2386	215	8	4B	2000					4400
TERRAIN	410506.00N/0771218.00W	2185 (2200)								AS1500	3700

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM

084/30 CW 174/30

TO

084/5 CW 174/5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<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	413927.00N/0772814.00W	2724	215	8	4B	2000					4800
TERRAIN	413927.00N/0773012.00W	2526 (2500)								AS1500	4000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

RIGHT BASE AREA

FROM

084/5 CW 174/5

TO

CHEDY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<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	412315.00N/0771254.00W	2271	215	8	4B	2000				AT129	4400
TERRAIN	411645.00N/0771821.00W	1873 (1900)								AS1500	3400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

DINOZ

TO

GABBA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	5.00										
<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>
AAO	410618.00N/0771012.00W	2274	215	8	4B	1000				PR100 AT1026	4400
TERRAIN	410645.00N/0770857.00W	2020 (2000)								AS1500	3500

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

CHEDY

TO

GABBA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
1.00	5.00										
<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>
AAO	411112.00N/0770715.00W	2005	215	8	4B	1000				PR80 AT1315	4400
TERRAIN	411109.00N/0770715.00W	1804 (1800)								AS1500	3300

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

GABBA (IF/IAF)

TO

GOOUL

<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>
AAO	411112.00N/0770712.00W	2015	215	8	4B	500				AT617 SA-2 PR70	3200
TERRAIN	411112.00N/0771021.00W	1791 (1800)								AS1000	2800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LP

FROM

GOOUL

TO

AFNAJ

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>					<u>HMAS</u>	
0.30	2.02										
<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	410900.00N/0771824.00W	1946	215	8	4B	250				RA58 XL6 SA-15 PR70 DG40	2340

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LP STEPDOWN

FROM

AFNAJ

TO

MAPGL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	3.84		MAPGL	964	

<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 (42-054071)	410838.98N/0772118.82W	829	20	3	1A	250				RA58 PR80 MA303	1520

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LP STEPDOWN

FROM

AFNAJ

TO

MAPGL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	3.84		MAPGL	704	

<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 (42-054071)	410838.98N/0772118.82W	829	20	3	1A	250				PR80 RA58 MA43	1260

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

GOOUL

TO

AFNAJ/3.84 NM TO MAPGL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	2.02										
<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	410900.00N/0771824.00W	1946	215	8	4B	250				RA58 XL6 SA-70 PR70 DG80	2340

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

AFNAJ/3.84 NM TO MAPGL

TO

MAPGL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	3.84		MAPGL		1304						
<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 (42-054966)	410745.09N/0772250.65W	1675	20	3	1A	250				RA58 SA-292 PR70 MA99	1860

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

GABBA

TO

P-6

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-6	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<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 (42-002982)	411231.79N/0765724.18W	2333	500	125	5E	1000				PR130	3500
TERRAIN	411242.00N/0765706.00W	2011 (2000)								AS1500	3500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LP

FROM

MAPGL

TO

FAVUM

<u>RNP</u> 0.30	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1282			
<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	410900.00N/0773154.00W	1992	215	8	4B		ASC				4400
AAO	410845.00N/0773224.00W	2005	215	8	4B	1000				PR90	3100
TERRAIN	410845.00N/0773227.00W	1804 (1800)								AS1500	3300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LP

FROM

MAPGL

TO

FAVUM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30										1022	
<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	260	2500		4400
AAO	410845.00N/0773224.00W	2005	215	8	4B	1000				PR90	3100
TERRAIN	410845.00N/0773227.00W	1804 (1800)								AS1500	3300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

MAPGL

TO

FAVUM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00											1632
<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>
TREES	410709.00N/0772448.00W	1786	250	10	4B		ASC				4400
AAO	410845.00N/0773224.00W	2005	215	8	4B	1000				PR90	3100
TERRAIN	410845.00N/0773227.00W	1804 (1800)								AS1500	3300

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											
TREE (42-054867)	410844.12N/0772611.49W	1.30	1304	1069	20	10	1B	300		SI/RA58	1860
CATEGORY B											
TREE (42-050736)	410954.98N/0772601.68W	1.84	1304	1240	20	10	1B	300		SI/RA58	1860

CIRCLING REMARKS:

MSA/ESA

CENTERRADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZNY ARTCC, IPT FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	IPT	24	IPT	23.49	Y	58
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS

WX REMARKS:

PRIMARY ALTIMETER - REMOTE
NO SUITABLE BACK UP ALTIMETER SOURCE EXISTS.

RASS PRESSURE PATTERNS THE SAME
LHV: 556, IPT: 528
RA=58.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE	
RW27L			
RW09R			
RW09L - REIL, MIRL (PCL), PAPI-2L (PCL)	NPI-G		
RW27R - MIRL (PCL), REIL, PAPI-2L (PCL)	NPI-G		



<u>AIRPORT ID</u> LHV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27R	<u>AMDT NO.</u> ORIG	<u>CITY</u> LOCK HAVEN	<u>STATE</u> PA	<u>AIRPORT ELEVATION</u> 556	<u>FACILITY</u> RNAV
<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 4.00	<u>TCH</u> 48.2

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☐	1500FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	465
ON CENTERLINE	☒	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 9L, 27R
20:1	
608 TREE (42-056428) 410808.3200N/0772557.6600W (16.76)	640 TREE (42-056081) 410807.5100N/0772607.5000W (10.9)
618 TREE (42-053699) 410802.3800N/0772602.3100W (5.13)	582 BUILDING (42-025113) 410808.3000N/0772554.3900W (3.15)
620 TREE (42-053752) 410804.8200N/0772603.8800W (2.82)	581 BUILDING (42-055865) 410808.3500N/0772554.7400W (0.85)
598 TREE (42-053737) 410802.6300N/0772558.3000W (0.5)	613 TREE (42-053934) 410803.1600N/0772602.3900W (0.35)
653 TREE (42-056129) 410811.2400N/0772435.5000W (7.76)	574 GENERAL_UTILITY (42-024957) 410814.0100N/0772455.8400W (4.03)
FINAL TYPE	LNAV
20:1	
653 TREE (42-056129) 410811.2400N/0772435.5000W (7.76)	602 TREE (42-055590) 410816.3600N/0772449.3000W (5.65)
574 GENERAL_UTILITY (42-024957) 410814.0100N/0772455.8400W (4.03)	
FINAL TYPE	LNAV
34:1	
867 TREE (42-053245) 410808.4500N/0772309.5500W (68.3)	869 TREE (42-053990) 410808.3600N/0772306.7900W (64.18)
844 TREE (42-053695) 410808.5600N/0772316.1100W (59.89)	826 TREE (42-054282) 410808.8100N/0772320.5400W (51.67)
829 TREE (42-053820) 410809.3400N/0772317.9800W (48.75)	833 TREE (42-053465) 410809.5400N/0772314.0600W (43.93)
843 TREE (42-053942) 410809.5000N/0772307.9600W (40.34)	839 TREE (42-053298) 410810.5400N/0772309.4600W (39.28)
866 TREE (42-056114) 410808.5600N/0772256.6400W (38.46)	822 TREE (42-099387) 410810.4200N/0772315.7400W (36.33)
856 TREE (42-056299) 410808.8300N/0772259.6600W (35.09)	847 TREE (42-056570) 410808.7300N/0772302.0700W (31.51)
825 TREE (42-053548) 410809.9800N/0772311.9700W (31.1)	644 TREE (42-056130) 410811.1500N/0772432.7700W (29.87)
636 TREE (42-056090) 410811.2400N/0772436.2400W (29.57)	833 TREE (42-099239) 410809.5100N/0772304.8000W (23.29)
847 TREE (42-056112) 410810.1600N/0772257.7000W (21.19)	812 TREE (42-053474) 410811.3300N/0772313.1100W (20.11)
840 TREE (42-056296) 410810.3400N/0772300.1400W (19.56)	833 TREE (42-056568) 410810.5900N/0772302.6700W (18.11)
611 TREE (42-056323) 410811.0900N/0772441.9000W (17.26)	637 TREE (42-056132) 410811.5500N/0772430.3200W (17.24)



<u>AIRPORT ID</u> LHV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27R	<u>AMDT NO.</u> ORIG	<u>CITY</u> LOCK HAVEN	<u>STATE</u> PA	<u>AIRPORT ELEVATION</u> 556	<u>FACILITY</u> RNAV
615 TREE (42-056325) 410810.8900N/0772440.0300W (17.16)			617 TREE (42-056326) 410810.9800N/0772439.1400W (17.14)			
813 TREE (42-053242) 410811.5500N/0772310.4300W (15.04)			594 TREE (42-056262) 410814.7200N/0772448.9500W (14.55)			
591 TREE (42-055640) 410810.0400N/0772449.2200W (14)			824 TREE (42-056556) 410811.0800N/0772304.6200W (13.27)			
593 TREE (42-056263) 410814.3900N/0772448.5000W (12.67)			644 TREE (42-056138) 410812.5700N/0772425.0900W (12.18)			
638 TREE (42-056135) 410812.1600N/0772427.6800W (12.11)			596 TREE (42-056320) 410812.4700N/0772446.0500W (10.97)			
592 TREE (42-098924) 410813.8000N/0772447.9800W (10.75)			595 TREE (42-056319) 410813.2800N/0772446.3700W (10.36)			
598 TREE (42-056321) 410811.8900N/0772444.6100W (9.98)			646 TREE (42-056770) 410809.3900N/0772422.3200W (9.25)			
572 TRAVERSE_WAY (42-056207) 410809.6100N/0772454.1000W (6.05)			825 TREE (42-056292) 410811.8100N/0772300.7800W (5.41)			
811 TREE (42-053993) 410811.2900N/0772306.9000W (5.27)			570 TERRAIN (42-056735) 410811.3000N/0772454.6400W (4.59)			
570 TERRAIN (42-056208) 410812.7600N/0772454.8900W (4.57)			564 FENCE (42-024852) 410809.7300N/0772456.3900W (3.12)			
647 TREE (42-056526) 410826.2500N/0772421.3000W (1.31)			570 TRAVERSE_WAY (42-055683) 410810.3500N/0772452.9600W (1.22)			
570 TRAVERSE_WAY (42-055623) 410810.5000N/0772452.7300W (0.65)			569 TRAVERSE_WAY (42-056180) 410812.6500N/0772453.5100W (0.54)			
<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:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

THE VDP IS NOT PUBLISHABLE DUE TO: 20:1 PENETRATIONS, REMOTE PRIMARY ALTIMETER.

RWY 9R/27L CIRCLING NA DUE TO BEING TURF.

VEGETATION HEIGHT: 100 FT

ORDER 8260.3 CHAPTER 2 APPLIED TO
1943 TERRAIN+AAO 410924N/0771703W
1729 TERRAIN+AAO 410839N/0771933W
1972 TERRAIN+AAO 410930N/0771648W

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> LHV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27R	<u>AMDT NO.</u> ORIG	<u>CITY</u> LOCK HAVEN	<u>STATE</u> PA	<u>AIRPORT ELEVATION</u> 556	<u>FACILITY</u> RNAV
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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	4.45
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	263.44
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1700
DISTANCE FROM	THLD	TO 1500FT POINT	9.91
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	263.52
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1800

THRESHOLD COORDINATES (IF STR-IN)

410811.33N/0772501.95W

ARP COORDINATES

410808.80N/0772520.30W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 9L DISTANCE 0.31 NM

FAF COORDINATES

410959.75N/0771718.54W

FIX NAME COORDINATES

REMARKS

THLD DISPLACED 465FT, ACTUAL COORDINATES: 410811.94N/0772455.93W

PART E: PREPARED BY

<u>NAME</u> JANTZEN TAYLOR	<u>OFFICE</u> AJV-A422	<u>DATE</u> 01/15/2026	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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