

**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> KERI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> ERIE	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 732	<u>TDZE</u> 732	<u>SUPERSEDED</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 11/04/2021	<u>MAG VAR</u> 10W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 334/30 CW 020/30		334/15 CW 020/15		3900
2. 334/15 CW 020/15	NOPT	LADVE	IF/IAF	3000
3. 020/30 CW 154/30	NOPT	LADVE	IF/IAF	3000
4. 154/30 CW 244/30		TACUN	IAF	3000
5. 244/30 CW 334/30		244/10 CW 334/10		4200
6. 244/10 CW 334/10		EMMAJ	IAF	3000

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TACUN	IAF	LADVE	NOPT	TF	FB	1.00	154.27	7.00	3000
EMMAJ	IAF	LADVE	NOPT	TF	FB	1.00	334.39	7.00	3000
LADVE	IF/IAF	CABSA		TF	FB	1.00	064.33	6.13	2800
CABSA	FAF	JUNOG/2.00 NM TO RW06		TF	FB	0.30	064.40	4.32	
JUNOG/2.00 NM TO RW06		RW06	MAP	TF	FO	0.30	064.40	2.00	
RW06	MAP	982 MSL		CA			064.40		
982 MSL		JONLI		DF	FO	1.00			3200

QUALITY  
10  
CHECKED

**MISSED APPROACH****MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW06

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3200 DIRECT JONLI AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:****PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD SW LADVE, RT, 064.33 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	064.40	FAF: CABSA	DIST FAF TO MAP: 6.32		DIST FAF TO THLD: 6.32
4. MIN ALT:	LADVE 3000, CABSA 2800, JUNOG/2.00 NM TO RW6 1420				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.61	GS ANT:
6. MIN GP INCPT:	2800	GP ALT AT PFAF :	CABSA 2800	OM:	MM:
7. GP ANGLE:	3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.0	IM:
8. MSA FROM:					

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: CIRCLING NA SE OF RWY 6-24.  
CHART NOTE: CIRCLING RWY 2, 20 NA AT NIGHT.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS C AND D VISIBILITY TO 1 3/8 SM.

**ADDITIONAL FLIGHT DATA:**

HOLD NE, RT, 244.66 INBOUND.  
CHART FAS OBST: 956 TREE (42-061243) 420337N/0801144W.  
1099 AAO 420021N/0801615W.  
CHART VDP AT 1.36 NM TO RW06.  
WAAS CHANNEL # 77612  
REFERENCE PATH ID: W06A  
CHART CIRCLING ICON.  
LTP HAE: 188.2 M



**MINIMUMS:**

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

**ALTERNATE:** NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
LPV DA	982	2400	250	982	2400	250	982	2400	250	982	2400	250			
LNAV/VNAV DA	1256	5500	524	1256	5500	524	1256	5500	524	1256	5500	524			
LNAV MDA	1220	2400	488	1220	2400	488	1220	5000	488	1220	5000	488			
CIRCLING	1220	1	488	1220	1	488	1220	1 1/2	488	1340	2	608			

**CHANGES - REASONS**

1. TERMINAL ROUTES: REMOVED MSA AND TAA ADDED - PER FPT/ACT REQUEST.
2. TERMINAL ROUTES: REMOVED FEEDER SEGMENT ERI VORTAC TO LADVE - ERI VORTAC VORMON AND PER FPT/ACT REQUEST.
3. TERMINAL ROUTES: REMOVED INITIAL SEGMENT JFN VOR/DME TO LADVE - JFN VOR/DME VORMON AND PER FPT/ACT REQUEST.
4. TERMINAL ROUTES: ADDED INITIAL SEGMENT TACUN TO LADVE - PER FPT/ACT REQUEST.
5. TERMINAL ROUTES: ADDED INITIAL SEGMENT EMMAJ TO LADVE - PER FPT/ACT REQUEST.
6. TERMINAL ROUTES: CHANGED 982 MSL TO YUYXI TO 982 MSL TO JONLI - MISSED APPROACH UPDATED/CHANGED.
7. TERMINAL ROUTES: REMOVED YUTXI TO HAMIT - MISSED APPROACH UPDATED/CHANGED.
8. MISSED APPROACH INSTRUCTIONS CHANGED FROM CLIMB TO 3200 DIRECT YUYXI AND ON TRACK 072.51 TO HAMIT AND HOLD TO CLIMB TO 3200 DIRECT JONLI AND HOLD - PER FPT/ACT REQUEST.
9. PROFILE LINE 5: ADDED 250 HAT: 0.61 - LPV MINS 250.
10. PROFILE LINE 7: 34:1 CHANGED FROM IS NOT CLEAR TO IS CLEAR - NO 34:1'S
11. PBN REQUIREMENTS NOTE: REMOVED RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY.
12. ADDED CHART NOTE: CIRCLING ICON - NEW CIRCLING APPLIED.
13. ADDED CHART NOTE: CIRCLING NA SE OF RWY 6-24 - MOUNTAINOUS TERRAIN SE OF RWY 6-24.
14. REMOVED CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED - NO 34:1'S
15. REMOVED CHART NOTE: RWY 2, 20 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - THIS NOTE ONLY APPLIES TO STRAIGHT-IN MINS ONLY, NO 34:1 OR 20:1.
16. MOVED ALL NOTES ASSOCIATED WITH ASHTABULA, OH ALTIMETER TO THE 8260-9 - AIRPORT ON SERVICE-A.
17. CHANGED CHART NOTE FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C TO CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C - NEW CRITICAL LOW EVALUATION COMPLETED.
18. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS C AND D VISIBILITY TO 1 3/8 SM - PER 8260.3D 3-3-2 AND VISIBILITY TABLES.
19. ADDITIONAL FLIGHT DATA: CHANGED HOLD E, RT, 252.51 INBOUND. TO HOLD NE, RT, 244.63 INBOUND - MISSED APPROACH HOLDING UPDATED/CHANGED.
20. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 952 TREE 420345N/0801122W TO CHART FAS OBST: 956 TREE (42-061243) 420337N/0801144W - NEW LNAV CONTROLLING OBSTACLE.
21. ADDITIONAL FLIGHT DATA: CHANGED 1090 AAO 415959N/0801718W TO 1099 AAO 420021N/0801615W - NEW 7:1 OBSTACLE PER NEW TARGETS EVALUATION.
22. ALTERNATE MINS: CHANGED FROM STANDARD - CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE. TO STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE - MINIMUMS UPDATED.
23. LPV VIS CHANGED FROM RVR 4000 TO RVR 2400 - PER 8260.3D 3-3-2 AND VISIBILITY TABLES.
24. LNAV/VNAV DA/HAT CHANGED FROM 1255/523 TO 1256/524 - NEW CONTROLLING OBSTACLE.
25. LNAV/VNAV CAT A/B VIS CHANGED FROM RVR 6000 TO RVR 5500 - PER 8260.3D 3-3-2 AND VISIBILITY TABLES.
26. LNAV VIS A/B CHANGED FROM RVR 4000 TO RVR 2400 AND VIS C/D CHANGED FROM RVR 5000 TO RVR 4000 - PER 8260.3D 3-3-2 AND VISIBILITY TABLES.
27. CIRCLING DA/HAA CHANGED: CAT A 1320/588 TO 1220/488, CAT B 1380/648 TO 1220/488, CAT C 1440/708 TO 1220/488 AND CAT D 1660/928 TO 1340/608 - ADDED CIRCLING RESTRICTION SE OF RWY 6-24.
28. CIRCLING VIS CHANGED: CAT C 2 SM TO 1 ½ SM AND CAT D 3 SM TO 2 SM - PER 8260.3D 3-3-2 AND VISIBILITY TABLES.
29. FAS DATA BLOCK INFORMATION:
  - FPAP LAT/LONG CHANGED FROM 420533.0000N/ 0800916.5100W TO 420532.9945N/ 0800916.5045W
  - CRC REMAINDER CHANGED FROM 257F1277 TO F3EEB2CE.



**AIRPORT ID**  
KERI

**PROCEDURE NAME**  
RNAV (GPS) RWY 6

**ORIGINAL/AMENDMENT**  
2

**CITY**  
ERIE

**STATE**  
PA

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOB, ERI APP CON, ERI ATCT, AMGR

**FLIGHT CHECKED BY**

**OFFICE**

**DATE**

**DEVELOPED BY**  
TARA MARTINELLI

*Digitally signed by*  
**TARA N MARTINELLI**  
Oct 28, 2021

**OFFICE**  
AJV-A431

**DATE**  
10/28/2021

**APPROVED BY**  
LONNIE EVERHART

**OFFICE**  
AJV-A430

**DATE**

**TITLE**  
MANAGER

QUALITY  
10  
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KERI
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	420441.2200N
LTP/FTP LONGITUDE	0801053.9095W
LTP/FTP ELLIPSOIDAL HEIGHT	+01882
FPAP LATITUDE	420532.9945N
FPAP LONGITUDE	0800916.5045W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0464
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F3EEB2CE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02231
FPAP ORTHOMETRIC HEIGHT	+02231



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

<u>AIRPORT ID</u> KERI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>AMDT NO.</u> 2	<u>CITY</u> ERIE	<u>STATE</u> PA	<u>AIRPORT ELEVATION</u> 732	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM  
334/30 CW 020/30

TO  
334/15 CW 020/15

<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	413251.00N/0795706.00W	1884	164	98	4E	2000					3900
												TERRAIN	413251.00N/0800206.00W	1584 (1600)								AS1500	3100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM  
334/15 CW 020/15

TO  
LADVE

<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 (42-001983)	414621.00N/0800932.00W	1971	50	20	2C	1000					3000
												TERRAIN	414327.00N/0801900.00W	1354 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



STRAIGHT-IN AREA

FROM  
020/30 CW 154/30

TO  
LADVE

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-002519)	413750.00N/0804534.00W		1623	500	50	5D	1000				AT377	3000
TERRAIN	412824.00N/0803139.00W		1184 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

LEFT BASE AREA

FROM  
154/30 CW 244/30

TO  
TACUN

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (42-000374)	420641.20N/0795839.20W		1590	500	50	5D	1000					2600
TERRAIN	415130.00N/0801009.00W		1548 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM  
244/30 CW 334/30

TO  
244/10 CW 334/10

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (36-000418)	420303.00N/0794519.00W		2178	500	50	5D	2000					4200
TERRAIN	415951.00N/0794203.00W		1873 (1900)									1900

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

RIGHT BASE AREA

FROM  
244/10 CW 334/10

TO  
EMMAJ

<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 (42-001983)	414621.00N/0800932.00W		1971	50	20	2C	1000					3000
TERRAIN	415130.00N/0801009.00W		1548 (1500)								AS1500	3000

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





**FACILITY**  
RNAV

HMAS

RF CENTER FIX/DISTANCE

HMAS

RF CENTER FIX/DISTANCE

QUALITY  
10  
CHECKED

INTERMEDIATE

FROM

LADVE (IF/IAF)

TO

CABSA

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.13											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	415542.00N/0801833.00W		1280	164	98	4E	500				AC98 AT922	2800
TERRAIN	415642.00N/0801824.00W		984 (1000)								AS1500	2500

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

FINAL: LPV

FROM

CABSA

TO

RW06

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.32		DA	250								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (42-120706)	420434.75N/0801057.05W		763	20	3	1A		34:1				982

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



FINAL: LNAV/VNAV

FROM  
CABSA

TO  
RW06

<u>RNP</u>	<u>DISTANCE</u> 6.32	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 524			<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>
TREE (42-061243)	420336.87N/0801143.89W		956	20	3	1A		23.28:1				1256

COMPUTATIONS

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

FINAL: LNAV

FROM  
CABSA

TO  
JUNOG/2.00 NM TO RW06

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	4.32											
<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	420047.75N/0801624.20W		1039	50	20	2C	250				RA96 XL17	1420

COMPUTATIONS

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



FINAL: LNAV STEPDOWN

FROM  
JUNOG/2.00 NM TO RW6

TO  
RW06

<u>RNP</u>	<u>DISTANCE</u> 2.00	<u>PAT</u>	<u>MAP</u> RW6	<u>HAT</u> 488			<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>
TREE (42-061243)	420336.87N/0801143.89W		956	20	3	1A	250					1220

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

HOLD-IN-LIEU OF PT

FROM  
LADVE

TO  
P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<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	415500.00N/0801821.00W	1316	164	98	4E	1000				AT684	3000
TERRAIN	415500.00N/0801821.00W	1115 (1100)								AS1500	2600

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



MISSED APPROACH : LPV

FROM  
DA

TO  
JONLI

RNP	DISTANCE	PAT	MAP	HAT			HMAS 792					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3200
TOWER (42-000238)	420615.00N/0800409.00W		1121	20	50	1D	1000					2200
TERRAIN	420648.00N/0800218.00W		853 (900)								AT1500	2400

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

MISSED APPROACH : LNAV/VNAV

FROM  
DA

TO  
JONLI

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1094					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3200
TOWER (42-000238)	420615.00N/0800409.00W		1121	20	50	1D	1000					2200
TERRAIN	420648.00N/0800218.00W		853 (900)								AT1500	2400

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



MISSED APPROACH : LNAV

FROM

RW6

TO

JONLI

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1120					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3200
TOWER (42-000238)	420615.00N/0800409.00W		1121	20	50	1D	1000					2200
TERRAIN	420648.00N/0800218.00W		853 (900)								AT1500	2400

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 (42-120696)	420431.21N/0801137.28W	1.30	488	856	20	3	1A	300		SI	1220
CATEGORY B											
ANTENNA (42-121201)	420338.63N/0801242.75W	1.83	488	879	20	3	1A	300		SI	1220
CATEGORY C											
STACK (42-120575)	420628.32N/0800636.61W	2.88	488	886	20	3	1A	300		SI	1220
CATEGORY D											
AAO	420228.94N/0801446.81W	3.76	608	1029	50	20	2C	300			1340

CIRCLING REMARKS:



CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

100 FOOT TREES USED PER FPT.

CIRCLING RESTRICTIONS APPLIED PER FPT.

CIRCLING NA SE OF RWY 06/24 TO AVOID HIGH TERRAIN.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZOB ARTCC, ERI APP CON, ERI TOWER

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KERI	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KERI	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KHZY	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KHZY	<u>DISTANCE</u> 29.64	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 96

WX REMARKS:  
PRESSURE PATTERNS THE SAME  
KERI 732, KHZY 924  
RA = 95.5

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW2 - MIRL (PCL)		NPI-G	
RW20 - MIRL (PCL), VASI-4L (PCL)		NPI-G	
RW6 - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)		PIR-G	APPROACH, ROLL OUT
RW24 - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)		PIR-G	APPROACH, ROLL OUT

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 731.8	<u>TCH</u> 55.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 54.0
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	919
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -15C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -15C	<u>APT ISA</u> +13.55C
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CRITICAL TEMPERATURE REMARKS:  
AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2016-2020).  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 964 HIGH TEMP 1272.





"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	CIRCLING RWY 2		
20:1			
773 TREE (42-120781) 420439.64N/0801045.30W (15.14)		768 TERRAIN (42-063016) 420439.71N/0801045.16W (10.58)	
774 TREE (42-069766) 420437.57N/0801047.70W (4.23)		765 TREE (42-061228) 420438.60N/0801045.23W (2)	
Final Type	CIRCLING RWY 20		
20:1			
782 TREE (42-069360) 420521.86N/0801043.14W (10.6)		786 TREE (42-060764) 420522.25N/0801036.00W (7.93)	
786 TREE (42-120917) 420523.31N/0801042.21W (6.76)		744 TRAVERSE_WAY (42-065075) 420515.10N/0801042.78W (6.04)	
777 TREE (42-060762) 420521.29N/0801037.84W (4.93)			

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or  
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

CONTINGENCY NOTES:  
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ASHTABULA, OH ALTIMETER SETTING AND INCREASE LPV DA TO 1078 FEET AND ALL VISIBILITIES TO RVR 3000 INCREASE LNAV/VNAV DA TO 1352 FEET AND ALL VISIBILITIES TO 1 3/8 INCREASE ALL MDAS 100 FEET INCREASE LNAV CAT C/D VISIBILITY TO 1 1/4 SM ; AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

FOR INOPERATIVE ALS, WHEN USING ASHTABULA, OH ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO RVR 5500 AND INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/4 SM.

BARO-VNAV NA WHEN USING ASHTABULA, OH ALTIMETER SETTING

VDP NA WHEN USING ASHTABULA, OH ALTIMETER SETTING

ORDER 8260.3 CHAPTER 2 APPLIED TO 1099 AAO 420021.00N/0801615.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> KERI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>AMDT NO.</u> 2	<u>CITY</u> ERIE	<u>STATE</u> PA	<u>AIRPORT ELEVATION</u> 732	<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	3.99
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	054.40
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	5.92
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	054.40
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD  
COORDINATES  
(IF STR-IN)

420441.22N/0801053.91W

ARP COORDINATES

420459.10N/0801026.20W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 24 DISTANCE 0.78 NM

FAF  
COORDINATES

420100.54N/0801748.09W

FIX NAME  
COORDINATES

IAF TACUN: 420307.40N/0802957.65W, IF/IAF LADVE: 415726.19N/0802428.90W, IAF EMMAJ: 415144.74N/0801901.13W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED  
THLD DISPLACED 919FT, ACTUAL COORDINATES: 420435.94N/0801103.83W.

QUALITY  
10  
CHECKED

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Electronic Version

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PART E: PREPARED BY

<u>NAME</u> TARA MARTINELLI	<u>OFFICE</u> AJV-A431	<u>DATE</u> 10/01/2021	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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