

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.25

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> KRVL	<u>PROCEDURE NAME</u> LOC RWY 6		<u>ORIGINAL/AMENDMENT</u> 8C	<u>CITY</u> REEDSVILLE	<u>STATE</u> PA	
<u>AIRPORT ELEVATION</u> 819	<u>TDZE</u> 819	<u>SUPERSEDED</u> LOC RWY 6	<u>ORIGINAL/AMENDMENT</u> 8B	<u>DATED</u> 11/12/2015	<u>MAG VAR</u> 10W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> I-RVL	<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>
PSB VORTAC		OTUCA INT					161.19	22.31	5000
COFAX INT	IAF	LUCKS INT	NOPT				014.00 & 058.75	8.65 & 5.97 (I-RVL)	4000
LUCKS INT	IF	OTUCA INT					058.75	6.10 (I-RVL)	3300

MISSED APPROACH

MAP:

7.53 NM AFTER OTUCA INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 147 AND RAV VORTAC R-290 TO HERDA INT/RAV 30.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 3500 THEN CLIMBING LEFT TURN TO 4000 DIRECT PSB VORTAC AND HOLD.

PROFILE:

1. PT L SIDE OF COURSE 238.75 OUTBOUND 4000 FT WITHIN 10 MILES OF OTUCA INT (IAF)
2.
3. FAC: 058.75 FAF: OTUCA INT DIST FAF TO MAP: 7.53 DIST FAF TO THLD: 7.53
4. MIN ALT: OTUCA INT 3300
8. MSA FROM: PSB VORTAC 4200

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: CIRCLING NA NW OF RWY 6-24.
CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: VDP NA WITH STATE COLLEGE ALTIMETER SETTING.



CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE STATE COLLEGE ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: PSB 22.3 DME AT OTUCA INT.
HOLD W, RT, 110.14 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E PSB VORTAC, RT, 256.00 INBOUND.
CHART FAS OBST: 1059 TREE 403702N/0774422W.
CHART 1879 TREE 403526N/0774758W.
CHART IN PLANVIEW: PSB VORTAC.
OTUCA TO RW06: 3.06/36.

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
S-06	1840	1 1/4	1021	1840	1 1/2	1021	1840	3	1021	1840	3	1021			
CIRCLING	1840	1 1/4	1021	1840	1 1/2	1021	1840	3	1021	2360	3	1541			

CHANGES - REASONS

1. ADDED VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - UPDATED AIRNAV DATA.
2. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 4000 VIA HEADING 147 AND RAV VORTAC R-290 TO HERDA INT/RAV 30.00 DME AND HOLD" TO "CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 147 AND RAV VORTAC R-290 TO HERDA INT/RAV 30.00 DME AND HOLD". - 8260.19H, 8-6-4 D7.
3. CHANGED ALTERNATE MISSED APPROACH INSTRUCTIONS FROM "OR AS DIRECTED BY ATC. CLIMB TO 3500 THEN CLIMBING LEFT TURN TO 4000 DIRECT PSB VORTAC AND HOLD" TO "CLIMB TO 3500 THEN CLIMBING LEFT TURN TO 4000 DIRECT PSB VORTAC AND HOLD". - 8260.19H, 8-6-6 H1.
4. CHANGED NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED TO RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. - INCORPORATING NOTAM FDC 5/4780-LEFT OFF PREVIOUS REVISION.
5. DELETED CHART (TURME) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE. - NO LONGER REQUIRED.
6. ADDED DISTANCE VDP TO THLD 2.29 NM. - 8260.19H, 8-6-10 N1.
7. ADDED CHART NOTE: VDP NA WITH STATE COLLEGE ALTIMETER SETTING. - 8260.19H, 8-6-9 E9.
8. DELETED "CHART STROH LOM SUBDUED". - STROH LOM NO LONGER PART OF PROCEDURE.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZNY, ZOB, ARPT MGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY

WARDELL HENNING (JANTZEN TAYLOR)

APPROVED BY

LONNIE EVERHART

Digitally signed by

WARDELL HENNING

Oct 22, 2020

OFFICE

Digitally signed by

WARDELL HENNING

Oct 22, 2020

OFFICE

AJV-A432

OFFICE

AJV-A430

DATE

DATE

06/30/2020

DATE

TITLE
MANAGER

QUALITY
10
CHECKED

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

<u>AIRPORT ID</u> KRVL	<u>PROCEDURE NAME</u> LOC RWY 6	<u>AMDT NO.</u> 8C	<u>CITY</u> REEDSVILLE	<u>STATE</u> PA	<u>AIRPORT ELEVATION</u> 819	<u>FACILITY</u> I-RVL
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
PSB VORTAC

TO
OTUCA INT

<u>RNP</u>	<u>DISTANCE</u> 22.31	<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>
												1.TOWER (42-002274)	405514.00N/0775827.00W	2855	500	125	5E	2000				AT145	5000
												2.TERRAIN	405510.00N/0775828.00W	2460 (2500)								AS1500	4000

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
COFAX INT

TO
LUCKS INT

<u>RNP</u>	<u>DISTANCE</u> 8.65/5.97	<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>
												3.TOWER (42-003006)	402450.26N/0775410.98W	2620	500	125	5E	1000				AT380	4000
												4.TERRAIN	402500.00N/0775403.00W	2336 (2300)								AS1500	3800

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
10
CHECKED

INTERMEDIATE

FROM

LUCKS INT

TO

OTUCA INT

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.10											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.AAO	403255.10N/0775043.10W		2390	1000	3	6A	500				AT410	3300
6.TERRAIN	403255.10N/0775043.10W		2190 (2200)								AS1000	3200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: PT

FROM

10 NM

TO

OTUCA INT

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	10.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.AAO	403255.10N/0775043.10W		2390	1000	3	6A	500				AT410	3300
6.TERRAIN	403255.10N/0775043.10W		2190 (2200)								AS1000	3200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL

FROM

OTUCA INT

TO

7.53 NM AFTER OTUCA INT

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	7.53		7.53 NM AFTER OTUCA INT	1021								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.TREE	403702.00N/0774422.00W		1059	50	20	2C	250				MA440 XL77	1840

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

FIX ERROR PRIOR TO FAF = 8864.08 FT. FIX ERROR AFTER FAF = 8616.80 FT.

PROCEDURE TURN

FROM

OTUCA

TO

10 NM

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.TOWER (42-003006)	402450.26N/0775410.98W		2620	500	125	5E	1000				AT380	4000
4.TERRAIN	402500.00N/0775403.00W		2336 (2300)								AS1500	3800

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

FROM

7.53 NM AFTER OTUCA INT

TO

HERDA INT/RAV 30.00 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1590					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
8.AAO	404530.00N/0773418.00W		2179	50	20	2C		ASC				4000
9.AAO	404518.00N/0772624.00W		2462	50	3	2A	1000					3500
10.TERRAIN	404518.00N/0772624.00W		2262 (2300)								AS1500	3800

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 ALTERNATE

FROM

7.53 NM AFTER OTUCA INT

TO

PSB VORTAC

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1590					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
11.TOWER (42-000772)	404509.00N/0774515.00W		2898	50	20	2C	1000					3900
12.TERRAIN	405512.00N/0775833.00W		2451 (2500)								AS1500	4000

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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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											
13.TREE	404040.00N/0773637.00W	1.30	1021	939	50	20	2C	300		SI	1840
CATEGORY B											
13.TREE	404040.00N/0773637.00W	1.50	1021	939	50	20	2C	300		SI	1840
CATEGORY C											
14.TREE	403857.00N/0773648.00W	1.70	1021	1159	50	20	2C	300		SI	1840
CATEGORY D											
15.TREE	403834.40N/0773637.10W	2.30	1541	2050	50	3	2A	300			2360

CIRCLING REMARKS:

MSA

CENTER
PSB VORTAC

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (42-002892)	410720.00N/0782629.00W	311	23.8	3160	250	50	4D	1000			4200

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZNY ARTCC, IPT FSS

<u>WX SERVICE</u> AWOS	<u>LOCATION</u> KRVL	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KRVL	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS	<u>LOCATION</u> KUNV	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KUNV	<u>DISTANCE</u> 14.43	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 93

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KRVL 819, KUNV 1239
RA = 92.1.

<u>PRIMARY NAVAID</u> I-RVL	<u>MONITOR POINT</u> RVL MGR OFFICE	<u>HRS OPERATION</u> PART-TIME	<u>CAT</u> 1
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW06 - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)		NPI-G	
RW24 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-G	

<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> 48.1
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FINAL APPROACH COURSE AIMING

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



AIRPORT ID KRVL	PROCEDURE NAME LOC RWY 6	AMDT NO. 8C	CITY REEDSVILLE	STATE PA	AIRPORT ELEVATION 819	FACILITY I-RVL
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"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	LOC FINAL RWY 6
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34:1

KRVLL011 TREE 404004.15N-0773817.57W 908 MSL (34.64)	KRVLL019 TREE 404004.29N-0773833.35W 931 MSL (31.04)
KRVLL015 TREE 404003.50N-0773818.90W 906 MSL (29.10)	KRVLL020 TREE 404002.54N-0773834.50W 933 MSL (27.65)
KRVLL014 TREE 404004.72N-0773819.32W 899 MSL (23.78)	KRVLL003 FENCE 404018.79N-0773800.59W 834 MSL (18.28)
KRVLL017 TREE 404009.54N-0773829.28W 892 MSL (9.27)	

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.

100 FOOT VEGETATION PER PREVIOUS AMENDMENT.

AIR TRAFFIC (ZNY) REQUIRES 4000' FOR RADAR COVERAGE THROUGHOUT AREA.



<u>AIRPORT ID</u> KRVL	<u>PROCEDURE NAME</u> LOC RWY 6	<u>AMDT NO.</u> 8C	<u>CITY</u> REEDSVILLE	<u>STATE</u> PA	<u>AIRPORT ELEVATION</u> 819	<u>FACILITY</u> I-RVL
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	3.20			
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.91			
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	048.75			
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1000			
DISTANCE FROM	THLD	TO 1500FT POINT	13.03			
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	3.69			
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	048.60			
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	2200			
THRESHOLD COORDINATES (IF STR-IN)	404022.28N/0773801.03W					
ARP COORDINATES	404038.60N/0773736.60W					
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 6 DISTANCE 0.41 NM					
FAF COORDINATES	403523.92N/0774526.96W					
FIX NAME COORDINATES						
REMARKS						

QUALITY
10
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> WARDELL HENNING (JANTZEN TAYLOR)	<u>OFFICE</u> AJV-A432	<u>DATE</u> 06/30/2020	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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