

**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> KRVL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> REEDSVILLE	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 819	<u>TDZE</u> 818	<u>SUPERSEDED</u> RNAV (GPS) RWY 24	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 10W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 DECEMBER 2020	<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		UZAWI		TF	FB	1.00	102.94	23.96	5000
SEG VOR/DME		VEHSY		TF	FB	2.00	276.38	20.03	5000
UZAWI	IAF	OCPUC	NOPT	TF	FB	1.00	148.86	5.00	4000
VEHSY	IAF	OCPUC	NOPT	TF	FB	1.00	328.96	5.00	4000
OCPUC	IF/IAF	EZUCE		TF	FB	1.00	238.91	6.10	3300
EZUCE	FAF	COMOL/4.70 NM TO RW24		TF	FB	0.30	238.84	2.85	
COMOL/4.70 NM TO RW24		RW24	MAP	TF	FO	0.30	238.84	4.70	
RW24	MAP	1219 MSL		CA			238.84		
1219 MSL		LUCKS		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV: RW24

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT LUCKS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD NE OCPUC, RT, 238.91 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	238.84	FAF: EZUCE	DIST FAF TO MAP: 7.55	DIST FAF TO THLD: 7.55	
4. MIN ALT:	OCPUC 4000, EZUCE 3300, COMOL/4.70 NM TO RW24 2360*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	691 HAT: 2.08	GS ANT:
6. MIN GP INCPT:	3300	GP ALT AT FAF :	EZUCE 3300	OM:	MM:
7. GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR
		TCH:	36.6		
8. MSA FROM:	RW24 3900				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
*LNAV ONLY
CHART NOTE: VDP NA WHEN USING STATE COLLEGE ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PSB VORTAC AIRWAY RADIALS 039 CW 188 AND ARRIVALS AT SEG VOR/DME ON AIRWAY RADIALS 204 CW 320.
CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING NA NW OF RWY 6-24.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE STATE COLLEGE ALTIMETER SETTING AND INCREASE LPV DA TO 1602 FT AND ALL MDAS 100 FT; INCREASE LPV VISIBILITY ALL CATS TO 2 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 058.60 INBOUND.
CHART FAS OBST: 1623 TREE 404300N/0773628W.
CHART 2359 TREE 404428N/0772806W, 2139 TREE 404625N/0773227W.
CHART VDP AT 4.25 NM TO RW24*
*LNAV ONLY.
WAAS CHANNEL # 78107
REFERENCE PATH ID: W24A
LTP HAE: 213.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B 1500-2, CAT C 1500-3, CAT D 1600-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	1509	2	691	1509	2	691	1509	2	691	1509	2 1/4	691	QUALITY 10 CHECKED		
LNAV MDA	2220	1 1/4	1402	2220	1 1/2	1402	2220	3	1402	2220	3	1402			
CIRCLING	2220	1 1/4	1401	2220	1 1/2	1401	2220	3	1401	2360	3	1541			

CHANGES - REASONS

1. ADDED MISSED APPROACH CA LEG TO TERMINAL ROUTES. - CODING REQUIREMENTS.
2. ADDED CHART NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - UPDATED AIRNAV DATA.
3. DELETED DME/DME RNP-0.3 NA. - 8260.19H, 4-6-10E.
4. ADDED PBN REQUIREMENTS NOTE: RNP APCH. - 8260.19H 8-6-8 B1.
5. ADDED PROFILE NOTE: 20:1 IS CLEAR. - NOTE DATED 2016-01-04 IN 20:1 PENETRATION ACTION TRACKER STATES THERE ARE NO LONGER 20:1 PENETRATIONS WITH NEW CRITERIA.
6. ADDED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE STATE COLLEGE ALTIMETER SETTING AND INCREASE LPV DA TO 1602 FT AND ALL MDAS 100 FT; INCREASE LPV VISIBILITY ALL CATS TO 2 1/2 SM. - NEW VISIBILITY TABLES.
7. ADDED NON-PRECISION ALTERNATE MINIMUMS: CAT A,B 1500-2, CAT C 1500-3, CAT D 1600-3 NA WHEN LOCAL WEATHER NOT AVAILABLE. - NEW VISIBILITY TABLES.
8. ADDED GP ALT AT FAF EZUCE 3300 TO LINE 6 IN THE PROFILE VIEW. -8260.19H, 8-6-7, F1.
9. ADDED CHART VDP AT 4.25 NM TO RW24* TO ADDITIONAL FLIGHT DATA. - 8260.19H, 8-6-10, N2.
10. DELETED "CHART PLANVIEW AND PROFILE NOTE: FOR LPV FLY VISUAL TO AIRPORT, 239 DEGREES - 2.1 MILES. - NO LONGER REQUIRED/8260.3D, 3-3-4.
11. CHANGED CHART NOTE: "CIRCLING NA NORTHWEST OF RWY 6-24" TO "CIRCLING NA NW OF RWY 6-24". - 8260.19H, 8-6-11, O5B.
12. CHANGED CHART PLANVIEW NOTE: "PROCEDURE NA FOR ARRIVALS AT PSB VORTAC ON AIRWAY RADIALS 075 CW 142 AND ARRIVALS AT SEG VOR/DME ON AIRWAY RADIALS 267 CW 320" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PSB VORTAC AIRWAY RADIALS 039 CW 188 AND ARRIVALS AT SEG VOR/DME ON AIRWAY RADIALS 204 CW 320". 8260.19H, 8-2-5E.
13. ADDED CHART NOTE: VDP NA WHEN USING STATE COLLEGE ALTIMETER SETTING. - 8260.19H, 8-6-9, E9.

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

OFFICE

Digitally signed by

DATE

WARDELL HENNING

Oct 22, 2020

DEVELOPED BY

WARDELL HENNING (JANTZEN TAYLOR)

Digitally signed by

WARDELL HENNING

Oct 22, 2020

OFFICE

AJV-A432

DATE

06/30/2020

APPROVED BY

LONNIE EVERHART

Digitally signed by

WARDELL HENNING

Oct 22, 2020

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	KRVL
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	404054.8560N
LTP/FTP LONGITUDE	0773712.2275W
LTP/FTP ELLIPSOIDAL HEIGHT	+02133
FPAP LATITUDE	403956.0800N
FPAP LONGITUDE	0773840.2700W
THRESHOLD CROSSING HEIGHT (TCH)	00036.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6CA3B23A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02468
FPAP ORTHOMETRIC HEIGHT	+02468

