

**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</u><br>PENN VALLEY   | <u>AIRPORT ID</u><br>KSEG        | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 17     | <u>ORIGINAL/AMENDMENT</u><br>1A           | <u>CITY</u><br>SELINSRGROVE | <u>STATE</u><br>PA    |                           |
| <u>AIRPORT ELEVATION</u><br>464 | <u>TDZE</u><br>456               | <u>SUPERSEDED</u><br>RNAV (GPS) RWY 17         | <u>ORIGINAL/AMENDMENT</u><br>1            | <u>DATED</u><br>10/12/2017  | <u>MAG VAR</u><br>11W | <u>EPOCH YEAR</u><br>2000 |
| <u>FACILITY</u><br>RNAV         | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u><br>15 AUGUST 2019 | <u>REQUIRED EFFECTIVE DATE</u><br>ROUTINE | <u>CANCEL/SUSPEND</u>       |                       |                           |

**TAA**

| <b><u>FROM</u></b>  | <b><u>FIX TYPE</u></b> | <b><u>TO</u></b> | <b><u>FIX TYPE</u></b> | <b><u>ALTITUDE</u></b> |
|---------------------|------------------------|------------------|------------------------|------------------------|
| 1. 080/30 CW 260/30 | NOPT                   | 080/5 CW 260/5   |                        | 4900                   |
| 2. 080/5 CW 260/5   |                        | EXLAV            | IF/IAF                 | 4300                   |
| 3. 260/30 CW 350/30 |                        | HUTOD            | IAF                    | 4300                   |
| 4. 350/30 CW 080/30 |                        | JASOG            | IAF                    | 4300                   |

**TERMINAL ROUTES**

| <b><u>FROM</u></b>    | <b><u>FIX TYPE</u></b> | <b><u>TO</u></b>      | <b><u>FIX TYPE</u></b> | <b><u>LEG TYPE</u></b> | <b><u>FO/FB</u></b> | <b><u>RNP</u></b> | <b><u>COURSE</u></b> | <b><u>DISTANCE</u></b> | <b><u>ALTITUDE</u></b> |
|-----------------------|------------------------|-----------------------|------------------------|------------------------|---------------------|-------------------|----------------------|------------------------|------------------------|
| HUTOD                 | IAF                    | EXLAV                 | NOPT                   | TF                     | FB                  | 1.00              | 259.83               | 6.80                   | 4300                   |
| JASOG                 | IAF                    | EXLAV                 | NOPT                   | TF                     | FB                  | 1.00              | 079.65               | 6.80                   | 4300                   |
| EXLAV                 | IF/IAF                 | AWYIR                 |                        | TF                     | FB                  | 1.00              | 169.74               | 6.61                   | 2200                   |
| AWYIR                 | FAF                    | WESIP/3.40 NM TO RW17 |                        | TF                     | FB                  | 0.30              | 169.78               | 1.95                   |                        |
| WESIP/3.40 NM TO RW17 |                        | RW17                  | MAP                    | TF                     | FO                  | 0.30              | 169.78               | 3.40                   |                        |
| RW17                  | MAP                    | 864 MSL               |                        | CA                     |                     |                   | 169.78               |                        |                        |
| 864 MSL               |                        | GEPGE                 |                        | DF                     | FB                  | 1.00              |                      |                        |                        |
| GEPGE                 |                        | KACGE                 |                        | TF                     | FO                  | 1.00              | 194.18               | 8.22                   | 3900                   |



MISSED APPROACH

MAP:  
LP: RW17  
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:  
CLIMB TO 3900 DIRECT GEPGE AND ON TRACK 194.18 TO KACGE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3900.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

|                          |                                                                           |              |                       |                        |      |  |  |  |
|--------------------------|---------------------------------------------------------------------------|--------------|-----------------------|------------------------|------|--|--|--|
| 1. PT                    | SIDE OF COURSE                                                            | OUTBOUND     | FT WITHIN             | MILES OF (IAF)         |      |  |  |  |
| 2.                       | HOLD N EXLAV, RT, 169.74 INBOUND, 4300 FT. IN LIEU OF PT (IAF), MAX 6000. |              |                       |                        |      |  |  |  |
| 3. FAC:                  | 169.78                                                                    | FAF: AWYIR   | DIST FAF TO MAP: 5.35 | DIST FAF TO THLD: 5.35 |      |  |  |  |
| 4. MIN ALT:              | EXLAV 4300, AWYIR 2200, WESIP/3.40 NM TO RW17 1580                        |              |                       |                        |      |  |  |  |
| 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.

NOTES:

CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART NOTE: STRAIGHT-IN RWY 17 NA AT NIGHT, CIRCLING RWY 17 NA AT NIGHT.  
CHART NOTE: WHEN CIRCLING TO RWY 35 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
AWYIR TO RW17: 3.00/40.  
WAAS CHANNEL #97639  
REFERENCE PATH ID: W17A  
CHART FAS OBST: 862 TREE 405029N/0765212W.  
FAS OBST: 1000 AAO 405258N/0765303W.  
CHART: 790 TREE 405241N/0765344W, 839 POLE 405260N/0765240W.  
HOLD S, RT, 009.81 INBOUND  
LTP HAE: 105.5 M



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

ALTERNATE: NA ☐ CAT A, B 1000-2, CAT C 1000-3, CAT D 1200-3

| 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     | 1200   | 1     | 744     | 1200   | 1 1/4 | 744     | 1200   | 2     | 744     | 1200   | 2     | 744     |        |     |         |
| LNAV MDA   | 1260   | 1     | 804     | 1260   | 1 1/4 | 804     | 1260   | 2 1/2 | 804     | 1260   | 2 1/2 | 804     |        |     |         |
| CIRCLING   | 1400   | 1 1/4 | 936     | 1400   | 1 1/4 | 936     | 1420   | 3     | 956     | 1600   | 3     | 1136    |        |     |         |

CHANGES - REASONS

1. ADDED "MAX 6000" TO HOLD-IN-LIEU ON LINE 2 - PER .19H PARA 8-6-7B (2).
2. REMOVED DME/DME RNP-0.3 NA NOTE, ADDED PBN REQUIREMENTS NOTE RNP APCH- PER 8260.19H PARA 8-6-8B(1).
3. ADDED 20:1 IS NOT CLEAR- PER 8260.19H PARA 8-6-7G(3).
4. ADDED CHART NOTE: STRAIGHT-IN RWY 17 NA AT NIGHT, CIRCLING RWY 17 NA AT NIGHT- TO INCORPORATE NOTAM FDC 9/2743.
5. ADDED CHART NOTE: WHEN CIRCLING TO RWY 35 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD- TO INCORPORATE NOTAM FDC 9/2743.
6. REMOVED PROCEDURE NA AT NIGHT NOTE- TO INCORPORATE NOTAM FDC 9/2743.
7. UPDATED 289 OBSTACLES FROM 980 AAO 405254N/0765302W, 1220 AAO 405420N/0765605W TO 790 TREE 405241N/0765344W, 839 POLE 405260N/0765240W- NEW TARGETS DATA.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZNY, MDT APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY

WARDELL HENNING (MICHAEL W HARRIS)

APPROVED BY

LONNIE EVERHART

Digitally signed by

WARDELL HENNING

Apr 04, 2019

OFFICE

Digitally signed by

WARDELL HENNING

Apr 04, 2019

DATE

OFFICE

AJV-A432

OFFICE

AJV-A430

DATE

03/01/2019

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|------------------------------------------|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KSEG          |
| RUNWAY                                   | RW17          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W17A          |
| LTP/FTP LATITUDE                         | 404934.8025N  |
| LTP/FTP LONGITUDE                        | 0765200.3245W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +01055        |
| FPAP LATITUDE                            | 404811.6785N  |
| FPAP LONGITUDE                           | 0765117.8955W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00040.0       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 1416          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 0.0           |
| CRC REMAINDER                            | 1ED0EB3B      |

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K6     |
| LTP ORTHOMETRIC HEIGHT  | +01390 |
| FPAP ORTHOMETRIC HEIGHT | +01390 |

