

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

MISSED APPROACH

| FROM | TO | COURSE AND DISTANCE | ALTITUDE |
|-------------|---------------------------------|---------------------|----------|
| ZEKNO (IAF) | JIBGO (TF) (FB) (RNP 1.00) | 207.20 / 5.40 | 4300 |
| HULRO (IAF) | JIBGO (TF) (FB) (RNP 1.00) | 327.23 / 5.40 | 4300 |
| JIBGO (IF) | ZUMEV (TF) (FB) (RNP 1.00) | 267.18 / 6.00 | 3700 |
| ZUMEV (FAF) | RW27 (MAP) (TF) (FO) (RNP 0.30) | 267.10 / 9.81 | |
| RW27 (MAP) | 980 MSL (CA) | 267.10 | 980 |
| 980 MSL | ZIMEL (DF) (FO) (RNP 1.00) | | 4500 |

LPV: DA
LNAV/VNAV: DA
LNAV: RW27

(DO NOT EXCEED 210 KIAS UNTIL ZIMEL) CLIMB TO 980 THEN CLIMBING RIGHT TURN TO 4500 DIRECT ZIMEL AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4500. #MISSED APPROACH REQUIRES MINIMUM CLIMB OF 353 FEET PER NM TO 1300.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 273.62 INBOUND.
FAS OBST: 1600 AAO 411703N/0764354W
DISTANCE TO THLD FROM 250 HAT: 0.63 NM.
CHART VDP AT 5.27 NM TO RW27*
*LNAV ONLY.
WAAS CHANNEL # 82140
REFERENCE PATH ID: W27A
CHART CIRCLING ICON.
LTP HAE: 127 M

MAG VAR: 10W EPOCH YEAR: 1980

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT JIBGO
3. FAC: 267.10 FAF: ZUMEV DIST FAF TO MAP: 9.81 THLD: 9.81
4. MIN. ALT: JIBGO 4300, ZUMEV 3700
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 3700 GS ALT AT: ZUMEV 3700 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 48.3 34:1 IS NOT CLEAR
8. MSA FROM:

MINIMUMS

| | | | | | | | | | | | | | | | | |
|------------------------|--|-------|---------|--------|-------|---------|----------------|-------|---------|--------|-------|---------|--------|-----|---------|--|
| TAKEOFF: <u> </u> | SEE FAA FORM 8260-15A FOR THIS AIRPORT | | | | | | ALTERNATE: N A | @ | | | | | | | | |
| CATEGORY =====> | A | | | B | | | C | | | D | | | E | | | |
| | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | |
| LPV DA# | 777 | 3/4 | 250 | 777 | 3/4 | 250 | 777 | 3/4 | 250 | 777 | 3/4 | 250 | | | | |
| LPV DA | 811 | 3/4 | 284 | 811 | 3/4 | 284 | 811 | 3/4 | 284 | 811 | 3/4 | 284 | | | | |
| LNAV/VNAV DA | 1296 | 2 1/2 | 769 | 1296 | 2 1/2 | 769 | 1296 | 2 1/2 | 769 | 1296 | 2 1/2 | 769 | | | | |
| LNAV MDA | 2280 | 3/4 | 1753 | 2280 | 1 | 1753 | 2280 | 3 | 1753 | 2280 | 3 | 1753 | | | | |
| CIRCLING | 2280 | 1 1/4 | 1752 | 2280 | 1 1/2 | 1752 | 2280 | 3 | 1752 | 2280 | 3 | 1752 | | | | |

NOTES:
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV DA# ALL CATS AND LNAV CATS C AND D.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
 CHART NOTE: CIRCLING NA S OF RWY 9 AND SW OF RWY 30.
 CHART NOTE: CIRCLING RWY 12, 30 NA AT NIGHT.
 (CONTINUED ON PAGE 2)

@ CAT A, B 1800-2, CAT C, D 1800-3



| | | | | |
|---|--|-------------------------------------|--|------------------------------------|
| CITY AND STATE WILLIAMSPORT, PA | ELEVATION: 528 TDZE: 527 AIRPORT NAME: WILLIAMSPORT RGNL | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG, 06/22/2017 | SUP: AMDT: NONE DATED |
|---|--|-------------------------------------|--|------------------------------------|

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

NOTES, (CONT.):
CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO 7/8 SM.

| TAA | FROM | TO | ALT |
|-----|------------------|------------------|------|
| 1. | 207/30 CW 327/30 | JIBGO (FB) (IF) | 4300 |
| 2. | 327/30 CW 087/30 | HULRO (IAF) (FB) | 4300 |
| 3. | 087/30 CW 207/30 | ZEKNO (IAF) (FB) | 4300 |



| | | | | |
|---|---|-------------------------------------|--|-------------------|
| CITY AND STATE WILLIAMSPORT, PA | ELEVATION: 528 TDZE: 527 AIRPORT NAME: WILLIAMSPORT RGNL | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG, 06/22/2017 | SUP: |
| | | | | AMDT: NONE |
| | | | | DATED: |

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KIPT |
| RUNWAY | RW27 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W27A |
| LTP/FTP LATITUDE | 411433.0235N |
| LTP/FTP LONGITUDE | 0765444.5655W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +01270 |
| FPAP LATITUDE | 411412.8930N |
| FPAP LONGITUDE | 0765639.6210W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00048.3 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 0744 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 50.0 |

CRC REMAINDER 6DF44C46

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K6 |
| LTP ORTHOMETRIC HEIGHT | +01603 |
| FPAP ORTHOMETRIC HEIGHT | +01603 |



| | | | | |
|---|---|-------------------------------------|--|-------------------|
| CITY AND STATE WILLIAMSPORT, PA | ELEVATION: 528 TDZE: 527 AIRPORT NAME: WILLIAMSPORT RGNL | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG, 06/22/2017 | SUP: |
| | | | | AMDT: NONE |
| | | | | DATED: |