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|---|--------|----------------------------|---------|--|-----|---------------------------|--------|--|---------|---|-----|------------------|--------|-----|---------|
| 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 | | LPV: DA LNAV/VNAV: DA LNAV: RW24 CLIMB TO 4100 DIRECT HIMAB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 063.61 INBOUND. CHART FAS OBST: 1319 TREE 405134N/0775031W DISTANCE TO THLD FROM 200 HAT: 0.54 NM. CHART VDP AT 1.17 NM TO RW24* *LNAV ONLY. WAAS CHANNEL # 61309 REFERENCE PATH ID: W24A CHART CIRCLING ICON. CHART IN PLANVIEW: BELLEFONTE AIRPORT CHART IN PLANVIEW: RIDGE SOARING GLIDERPORT LTP HAE: 330.1 M | | | | | |
| PSB VORTAC | | HUXET (FO) | | 087.59 / 17.66 | | | | 4800 | | | | | | | |
| RASHE | | HUXET (FO) | | 015.15 / 18.47 | | | | 4800 | | | | | | | |
| HUXET (IF/IAF) | | JOMIV (FB) | | 243.91 / 3.10 | | | | 3600 | | | | | | | |
| JOMIV | | GEKDE (FB) | | 243.87 / 2.88 | | | | 3400 | | | | | | | |
| GEKDE (FAF) | | RW24 (MAP) (FO) | | 243.84 / 6.76 | | | | | | MAG VAR: 11W EPOCH YEAR: 2000 | | | | | |
| RW24 (MAP) | | 1418 MSL | | 243.84 | | | | | | | | | | | |
| 1418 MSL | | HIMAB (FO) | | | | | | 4100 | | | | | | | |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE HUXET, RT, 243.91 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: 243.84 FAF: GEKDE DIST FAF TO MAP: 6.76 THLD: 6.76 4. MIN. ALT: HUXET 4000, JOMIV 3600, GEKDE 3400 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3400 GS ALT AT: GEKDE 3400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.1 8. MSA FROM: RW24 4100 | | | | | | | | | | | | | | | |
| MINIMUMS | | | | | | | | | | | | | | | |
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | | | | | | | | ALTERNATE: N A | | STANDARD @ | | | | | |
| 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 | 1418 | 1/2 | 200 | 1418 | 1/2 | 200 | 1418 | 1/2 | 200 | 1418 | 1/2 | 200 | | | |
| LNAV/VNAV DA | 1526 | 5/8 | 308 | 1526 | 5/8 | 308 | 1526 | 5/8 | 308 | 1526 | 5/8 | 308 | | | |
| LNAV MDA | 1620 | 1/2 | 402 | 1620 | 1/2 | 402 | 1620 | 3/4 | 402 | 1620 | 3/4 | 402 | | | |
| CIRCLING | 1640 | 1 | 409 | 1700 | 1 | 469 | 1700 | 1 1/2 | 469 | 1800 | 2 | 569 | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CLEARFIELD ALTIMETER SETTING. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PSB VORTAC AIRWAY RADIALS 039 CW 142. (CONTINUED ON PAGE 2) | | | | | | | | | | | | | | | |
| CITY AND STATE | | ELEVATION: 1231 TDZE: 1218 | | | | FACILITY IDENTIFIER: RNAV | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | | | | SUP: 4 | | | |
| STATE COLLEGE, PA | | AIRPORT NAME: | | | | RNAV | | RNAV (GPS) RWY 24, AMDT 1 | | | | AMDT: 9 | | | |
| | | UNIVERSITY PARK | | | | | | 10 NOVEMBER 2016 | | | | DATED 05/31/2012 | | | |

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

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLEARFIELD ALTIMETER SETTING: INCREASE LPV DA TO 1524 AND LNAV/VNAV DA TO 1632 AND ALL MDA 120 FEET; INCREASE LPV ALL CATS VISIBILITY AND CIRCLING CAT C VISIBILITY 1/8 SM, AND INCREASE LNAV/VNAV ALL CATS VISIBILITY 3/8 SM, AND LNAV CAT C AND D AND CIRCLING CAT D VISIBILITY 1/4 SM.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING CLEARFIELD ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/8 SM.
CHART NOTE: CIRCLING NA NW OF RWY 6-24.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RASHE ON V106 AND T212 WESTBOUND.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO 1 1/8 SM.

CITY AND STATE

STATE COLLEGE, PA

ELEVATION: 1231

TDZE: 1218

AIRPORT NAME:

UNIVERSITY PARK

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, AMDT 1

10 NOVEMBER 2016

SUP:

4

AMDT:

ORIG-A

DATED:

05/31/2012

**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**DATA FIELD****DATA**

| | |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KUNV |
| RUNWAY | RW24 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W24A |
| LTP/FTP LATITUDE | 405120.0830N |
| LTP/FTP LONGITUDE | 0775016.6045W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +03301 |
| FPAP LATITUDE | 405026.1200N |
| FPAP LONGITUDE | 0775150.0635W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00055.1 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 0704 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 35.0 |

CRC REMAINDER

3F066ACF

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K6 |
| LTP ORTHOMETRIC HEIGHT | +03632 |
| FPAP ORTHOMETRIC HEIGHT | +03632 |

CITY AND STATE

STATE COLLEGE, PA

ELEVATION: 1231

TDZE: 1218

AIRPORT NAME:

UNIVERSITY PARK

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, AMDT 1

10 NOVEMBER 2016

SUP:

AMDT: **ORIG-A**DATED: **05/31/2012**

| U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION | | | | | | | | | | | | 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. | | |
|---|------------|-----------------------|-------------|------------------------|---|------------------------|--------------------------------------|------------------|--|---------------|--|--|--|----------------------------|
| RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE | | | | | | | | | | | | | | |
| FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33 | | | | | | | | | | | | | | |
| ARINC SUMMARY - KUNV | | | | | | | | | | | | | | |
| ROUTES | | | | | | | | | | | | | | |
| TRANSITION | WPT SEQ | WPT NAME | LEG TYPE | FB/FO | RNP | MAG CRS | REC NAV | ANGLE | TURN DIR | CENTER FIX | TURN RADIUS | ALTITUDE DESCRIPTION & VALUE | SPEED LIMIT DESCRIPTION & VALUE | WPT DESCRIPTION CODE |
| PSB | 010 | PSB | IF | FB | | | | | | | | | | V |
| PSB | 020 | HUXET | TF | FO | 2.0 | 087.6 | | | | | | AA 04800 | | EY |
| PSB | 030 | HUXET | HF | FO | | 243.9 | | | R | | | AA 04000 | | EE A |
| RASHE | 010 | RASHE | IF | FB | | | | | | | | | | E |
| RASHE | 020 | HUXET | TF | FO | 2.0 | 015.2 | | | | | | AA 04800 | | EY |
| RASHE | 030 | HUXET | HF | FO | | 243.9 | | | R | | | AA 04000 | | EE A |
| | 010 | HUXET | IF | FB | | | | | | | | AA 04000 | | E I |
| | 011 | JOMIV | TF | FB | 1.0 | 243.9 | | | | | | AA 03600 | | E |
| | 020 | GEKDE | TF | FB | 1.0 | 243.9 | | | | RW24 | | AA 03400 | | E F |
| | 030 | RW24 | TF | FO | 0.3 | 243.8 | | 3.00 | | | | AT 01247 | | GY M |
| | 040 | | CA | FB | | 243.8 | | | | | | AA 01418 | | M |
| | 050 | HIMAB | DF | FO | | | | | | | | AA 04100 | | EY |
| | 060 | HIMAB | HM | FO | | 063.6 | | | R | | | AA 04100 | | EE |
| POINTS | | | | | | | | | | | | | | |
| POINT NAME | | | LATITUDE | | | LONGITUDE | | | | | | | | |
| PSB | | | N405458.53 | | | W0775933.78 | | | | | | | | |
| RASHE | | | N404036.04 | | | W0773838.94 | | | | | | | | |
| GEKDE | | | N405525.51 | | | W0774310.56 | | | | | | | | |
| HIMAB | | | N404321.78 | | | W0780402.31 | | | | | | | | |
| HUXET | | | N405902.17 | | | W0773653.07 | | | | | | | | |
| JOMIV | | | N405709.87 | | | W0774008.88 | | | | | | | | |
| RUNWAYS | | | | | | | | | | | | | | |
| RUNWAY | | THRESHOLD LATITUDE | | THRESHOLD LONGITUDE | | THRESHOLD ELEVATION | | PROCEDURE TCH | | | | | | |
| RW24 | | N405120.08 | | W0775016.60 | | 01192 | | 55.1 | | | | | | |
| CITY AND STATE STATE COLLEGE, PA | | | | | ELEVATION: 1231 AIRPORT NAME: UNIVERSITY PARK | | TDZE: 1218 RNAV | | FACILITY IDENTIFIER: RNAV | | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 1 10 NOVEMBER 2016 | | <div style="text-align: right; color: green; font-weight: bold;">QUALITY</div> SUP: 4 | |
| | | | | | | | | | | | | | AMDT: CHECK ORIG-A | |
| | | | | | | | | | | | | | DATED: 05/31/2012 | |