

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> SKY MANOR | <u>AIRPORT ID</u> KN40 | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 25 | <u>ORIGINAL/AMENDMENT</u> ORIG-B | <u>CITY</u> PITTSTOWN | <u>STATE</u> NJ |
| <u>AIRPORT ELEVATION</u> 560 | <u>TDZE</u> 558 | <u>SUPERSEDED</u> RNAV (GPS) RWY 25 | <u>ORIGINAL/AMENDMENT</u> ORIG-A | <u>DATED</u> 12/11/2014 | <u>MAG VAR</u> 13W |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019 | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>CANCEL/SUSPEND</u> | <u>EPOCH YEAR</u> 2010 |

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> |
|--------------------|------------------------|------------------|------------------------|------------------------|---------------------|-------------------|----------------------|------------------------|------------------------|
| ZIBEK | IF/IAF | GETPE | | TF | FB | 1.00 | 247.35 | 5.00 | 1900 |
| GETPE | FAF | RW25 | MAP | TF | FO | 0.30 | 247.29 | 4.09 | |
| RW25 | MAP | 1200 MSL | | CA | | | 247.29 | | 1200 |
| 1200 MSL | | LIZZI | | DF | FO | 1.00 | | | 3000 |

MISSED APPROACH

MAP:

LP: RW25
 LNAV: RW25

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 DIRECT LIZZI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- HOLD NE ZIBEK, RT, 247.35 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 247.29 **FAF:** GETPE **DIST FAF TO MAP:** 4.09 **DIST FAF TO THLD:** 4.09
- MIN ALT:** ZIBEK 2500, GETPE 1900
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- MIN GP INCPT:** **GP ALT AT FAF :** **OM:** **MM:** **IM:**
- GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:**
- MSA FROM:** RW25 3100

PBN REQUIREMENTS NOTE:



RNP APCH.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: USE LEHIGH VALLEY INTL ALTIMETER SETTING, WHEN NOT RECEIVED, USE TRENTON ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: RADAR REQUIRED.

ADDITIONAL FLIGHT DATA:

CHART LEHIGH VALLEY INTL ASOS.
CHART CIRCLING ICON.
WAAS CHANNEL #50427
REFERENCE PATH ID: W25A
FAS OBST: 739 AAO 403521N/0745528W, 819 AAO 403431N/0745624W.
HOLD NW, RT, 118.05 INBOUND
LTP HAE: 136.2 M

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 |
| LP MDA | 1080 | 1 | 522 | | NA | | | NA | | | NA | | | | |
| LNAV MDA | 1160 | 1 | 602 | | NA | | | NA | | | NA | | | | |
| CIRCLING | 1160 | 1 | 600 | | NA | | | NA | | | NA | | | | |

CHANGES - REASONS

1. DELETED DESCENT ANGLE 3.00/TCH 40 AND CHARTED PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. - FLIGHT INSPECTION RESULT AND TO CLEAR FDC 8/1844.
2. DELETED CHART NOTE DME/DME RNP-0.3 NA - ADDED PBN REQUIREMENTS NOTE: RNP APCH.
3. ADDED 20:1 IS NOT CLEAR TO PROFILE LINE 7 - RWY HAS NO SURVEY OBSTACLES ARE ASSUMED.
4. CHANGED INTERMEDIATE SEGMENT RNP VALUE FROM 0.50 TO 1.00 - RNP 1.0 IS NOW STANDARD.
5. CHARTED CIRCLING ICON - TO MATCH RNAV (GPS) RWY 7, THIS SIAP IDENTIFIES THE SAME OBSTACLE AND RADIUS AS USED ON THAT SIAP.
6. REMOVED VGSI AND DESCENT ANGLES NOT COINCIDENT NOTE - IAW AFS 400 MEMO, VDA CHARTING.
7. CRC REMAINDER CHANGED FROM 72DB8CD3 TO 421B6447



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZNY, AMGR, ABE ATCT, ABE APP CON.

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

DEVELOPED BY

IVAN BLANCO

Digitally signed by
IVAN BLANCO

Aug 15, 2018

APPROVED BY

PATRICK MULQUEEN

Digitally signed by
ADOLFO D URRUTIA
Sep 17, 2018

Digitally signed by
ADOLFO D URRUTIA
Sep 17, 2018

| OFFICE | DATE |
|----------|------------|
| AJV-5432 | 08/15/2018 |

| OFFICE | DATE | TITLE |
|----------|------|---------|
| AJV-5430 | | MANAGER |



AIRPORT
SKY MANOR

AIRPORT ID
KN40

PROCEDURE NAME
RNAV (GPS) RWY 25

ORIGINAL/AMENDMENT
ORIG-B

CITY
PITTSTOWN

STATE
NJ

FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | N40 |
| RUNWAY | RW25 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W25A |
| LTP/FTP LATITUDE | 403405.5520N |
| LTP/FTP LONGITUDE | 0745830.2580W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +01362 |
| FPAP LATITUDE | 403313.4400N |
| FPAP LONGITUDE | 0750005.1100W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00000.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 00.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 1864 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 0.0 |
| CRC REMAINDER | 421B6447 |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K6 |
| LTP ORTHOMETRIC HEIGHT | +01701 |
| FPAP ORTHOMETRIC HEIGHT | +01701 |

