

**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> 47N | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 25 | <u>ORIGINAL/AMENDMENT</u> 2A | <u>CITY</u> MANVILLE | <u>STATE</u> NJ | | |
| <u>AIRPORT ELEVATION</u> 86 | <u>TDZE</u> 85 | <u>SUPERSEDED</u> RNAV (GPS) RWY 25 | <u>ORIGINAL/AMENDMENT</u> 2 | <u>DATED</u> 11/08/2018 | <u>MAG VAR</u> 13W | <u>EPOCH YEAR</u> 2000 |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 10 AUGUST 2023 | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>CANCEL/SUSPEND</u> | | |

TERMINAL ROUTES

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|-----------------------|----------|-----------------------|----------|----------|-------|------|--------|----------|----------|
| SBJ VOR/DME | | JOKMI | | TF | FB | 2.00 | 038.73 | 13.02 | 2500 |
| JOKMI | | ATUCA | | TF | FB | 2.00 | 119.02 | 9.08 | 2500 |
| ATUCA | IAF | YODUR | | TF | FB | 1.00 | 179.23 | 6.60 | 2000 |
| YODUR | IF | ZOMIM | | TF | FB | 1.00 | 249.27 | 6.55 | 1700 |
| ZOMIM | FAF | DUYAB/1.46 NM TO RW25 | | TF | FB | 0.30 | 249.14 | 3.08 | |
| DUYAB/1.46 NM TO RW25 | | RW25 | MAP | TF | FO | 0.30 | 249.14 | 1.46 | |
| RW25 | MAP | 600 MSL | | CA | | | 249.14 | | 600 |
| 600 MSL | | METRO | | DF | FO | 1.00 | | | 2000 |

MISSED APPROACH

MAP:

LP: RW25
 LNAV: RW25

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 DIRECT METRO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)

2. PROFILE STARTS AT YODUR

3. **FAC:** 249.14 **FAF:** ZOMIM **DIST FAF TO MAP:** 4.55 **DIST FAF TO THLD:** 4.55

4. **MIN ALT:** YODUR 2000, ZOMIM 1700, DUYAB/1.46 NM TO RW25 620

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:** RW25 2900

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
 CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SBJ VOR/DME AIRWAY RADIALS 309 CW 117.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JOKMI ON V252 NORTHBOUND.
 CHART NOTE: USE TRENTON MERCER ALTIMETER SETTING.
 CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.

ADDITIONAL FLIGHT DATA:

CHART TRENTON ASOS.
 HOLD E, RT, 281.68 INBOUND.
 CHART FAS OBST: 209 TREE 403205N/0743352W, 157 TREE (34-021922) 403149N/0743512W.
 WAAS CHANNEL # 53424
 REFERENCE PATH ID: W25A
 CHART CIRCLING ICON.
 LTP HAE: -12.9 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 | 480 | 1 | 395 | 480 | 1 | 395 | 480 | 1 1/8 | 395 | | NA | | | | | |
| LNAV MDA | 520 | 1 | 435 | 520 | 1 | 435 | 520 | 1 1/4 | 435 | | NA | | | | | |
| CIRCLING | 620 | 1 | 534 | 660 | 1 | 574 | 660 | 1 1/2 | 574 | | NA | | | | | |



CHANGES - REASONS

1. CHANGED PBN REQUIREMENT NOTE FROM "RNP APCH." TO "RNP APCH - GPS". - IAW 8260.19 8-6-8(B)(2).
2. REMOVED VDA INFORMATION - VISUAL AREA OBSTACLES PRESENT PER FLIGHT INSPECTION.
3. ADDED CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. IAW 8260.19I 8-6-10(O)(2).
4. CRC REMAINDER CHANGED FROM 7E059988 TO 8ADA1F24 - TCH AND GPA REMOVED.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZNY, NY APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

Digitally signed by
OFFICE

DATE

RAKE MCGRAW

Jun 02, 2023

DEVELOPED BY

RAKE MCGRAW (NICHOLAS PRATER)

Digitally signed by
OFFICE

DATE

RAKE MCGRAW AJV-A422

05/30/2023

Jun 02, 2023

APPROVED BY

RAKE MCGRAW

Digitally signed by
OFFICE

DATE

RAKE MCGRAW AJV-A422

11/30/2023

Jun 02, 2023

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|------------------------------------------|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | 47N |
| RUNWAY | RW25 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W25A |
| LTP/FTP LATITUDE | 403136.1985N |
| LTP/FTP LONGITUDE | 0743537.8325W |
| LTP/FTP ELLIPSOIDAL HEIGHT | -00129 |
| FPAP LATITUDE | 403046.4420N |
| FPAP LONGITUDE | 0743714.7810W |
| 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 | 1768 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 00.0 |
| | |
| CRC REMAINDER | 8ADA1F24 |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K6 |
| LTP ORTHOMETRIC HEIGHT | +00204 |
| FPAP ORTHOMETRIC HEIGHT | +00204 |

