

**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> CENTRAL JERSEY RGNL	<u>AIRPORT ID</u> K47N	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 2	<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SUPERSEDED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> 1D	<u>DATED</u> 06/22/2017	<u>MAG VAR</u> 13W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

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>
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.

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.

ADDITIONAL FLIGHT DATA:

CHART TRENTON ASOS.
 CHART CIRCLING ICON.
 ZOMIM TO RW25: 3.30/40.3.
 WAAS CHANNEL #53424
 REFERENCE PATH ID: W25A
 CHART FAS OBST: 157 TREE 403149N/0743512W.
 FAS OBST: 209 TREE 403205N/0743352W.
 HOLD E, RT, 281.68 INBOUND
 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

ZOMIM TO RW25: ANGLE/TCH CHANGED FROM 3.00/40 TO 3.30/40.3 - PROCEDURE REDESIGN TO MATCH VGSI 3.30 ANGLE/TCH 40.3.
 STEPDOWN FIX DISTANCE CHANGED FROM DUYAB/1.70 NM TO DUYAB/1.46 - PROCEDURE REDESIGN TO MATCH VGSI 3.30 ANGLE/TCH 40.3.
 FAC CHANGED FROM 249.18 TO 249.14 - FAF MOVED 2811 FT SW.
 DIST FAF TO MAP/THLD CHANGED FROM 5.01 TO 4.55 - FAF MOVED 2811 FT SW
 YODUR TO ZOMIM COURSE/DISTANCE CHANGED FROM 249.25 / 6.09 TO 249.27 / 6.55 - ZOMIM (FAF) MOVED 2811 FT SW.
 ZOMIM TO DUYAB/1.46 NM TO RW25 COURSE/DISTANCE CHANGED FROM 249.18 / 3.31 TO 249.14 / 3.08 - PROCEDURE REDESIGN TO MATCH VGSI 3.30 ANGLE/TCH 40.3.
 DUYAB/1.46 NM TO RW25 TO RW25 COURSE/DISTANCE CHANGED FROM 249.18/1.70 TO 249.14 / 1.46 - PROCEDURE REDESIGN TO MATCH VGSI 3.30 ANGLE/TCH 40.3.
 MAP TO CA CHANGED FROM RW25 TO 480 MSL, COURSE 249.18 TO RW25 CHANGED TO 600 MSL, COURSE 249.14, AND ALTITUDE 600 - NEW MISSED APPROACH INSTRUCTIONS AND PROCEDURE REDESIGN TO MATCH VGSI 3.30 ANGLE/TCH 40.3.
 ADDED 600 MSL TO METRO, ALTITUDE 2000 - NEW MISSED APPROACH INSTRUCTIONS.
 DELETED 480 MSL TO CASUB - NEW MISSED APPROACH INSTRUCTIONS.
 DELETED CASUB TO METRO, COURSE 200.45/4.32, AND ALTITUDE 2000 - NEW MISSED APPROACH INSTRUCTIONS.
 MISSED APPROACH INSTRUCTIONS CHANGED FROM CLIMB TO 2000 DIRECT CASUB AND ON TRACK 200.45 TO METRO AND HOLD "TO" CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000
 DIRECT METRO AND HOLD - FIRST LEG CASUB IS TOO SHORT FOR CURRENT CRITERIA.
 DELETED ALL BACK UP ALTIMETER NOTES - CONTINGENCY ALTIMETER INFORMATION LISTED ON THE BACK OF THE 8260-9. KTTN AND KEWR WEATHER SOURCE TRANSMITTED TO WMSCR.
 ADDED CHART CIRCLING ICON - NEW CIRCLING RADII.
 HELICOPTER NOTE REMOVED RWY 7 - NOTE IS FOR THE RWY THAT THE FAC IS ALIGNED TO.
 DELETED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - PROCEDURE REDESIGN TO MATCH VGSI 3.30 ANGLE/TCH 40.3
 FAS OBST CHANGED FROM 154 TREE 403149N/0743512W TO FAS OBST: 157 TREE 403149N/0743512W - NEW SURVEY.
 MSA CHANGED FROM 2700 TO 2900 - NEW SURVEY.
 DELETED CHART NOTE: DME/DME RNP-0.3 NA - REPLACED WITH PBN REQUIREMENT NOTE: RNP APCH.
 ADDED PBN REQUIREMENT NOTE: RNP APCH - EQUIPMENT NAVSPEC REQUIREMENTS.
 LP HAT ALL CATS CHANGED FROM 398 TO 395 - TDZE CHANGED FROM 82 TO 85.
 LNAV HAT ALL CATS CHANGED FROM 438 TO 435 - TDZE CHANGED FROM 82 TO 85.
 LNAV CAT C VISIBILITY CHANGED FROM 1 3/8 TO 1 1/4 - AJV VALIDATED VISCHECK (NEW INOP TABLE) CALCULATOR.
 CIRCLING CAT A MDA/HAA CHANGED FROM 580/494 TO 620/534 - NEW SURVEY AND NEW CIRCLING RADII.
 CIRCLING CAT B/C MDA/HAA CHANGED FROM 700/614 TO 660/574 - NEW CONTROLLING OBSTACLE AND NO ACCURACY CODE ADJUSTMENT.
 CIRCLING CAT C VISIBILITY CHANGED FROM 1 3/4 TO 1 1/2 - HAT CHANGED FROM 614 TO 574.

FAS DATA CHANGES AND REASONS:

LTP/FTP LATITUDE CHANGED FROM 403136.2000N TO 403136.1985N - CURRENT AIRNAV.
 LTP/FTP LONGITUDE CHANGED FROM 0743537.8300W TO 0743537.8325W - CURRENT AIRNAV.
 LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM -00131 TO -00129 - CURRENT AIRNAV.
 FPAP LATITUDE CHANGED FROM 403046.4900N TO 403046.4420N - FAF MOVED 2811 FT SW.
 FPAP LONGITUDE CHANGED FROM 0743714.8200W TO 0743714.7810W - FAF MOVED 2811 FT SW.
 THRESHOLD CROSSING HEIGHT (TCH) CHANGED FROM 00040.0 TO 00040.3 - PROCEDURE REDESIGN TO MATCH VGSI 3.30 ANGLE/TCH 40.3.
 GLIDEPATH ANGLE (GPA) CHANGED FROM 03.00 TO 03.30 - PROCEDURE REDESIGN TO MATCH VGSI 3.30 ANGLE/TCH 40.3.
 LENGTH OFFSET CHANGED FROM 1760 TO 1768 - CURRENT AIRNAV.
 CRC REMAINDER CHANGED FROM 9324F087 TO 7E059988 - RESULT OF FAS DATA BLOCK INFORMATION CHANGES.
 LTP ORTHOMETRIC HEIGHT CHANGED FROM +00198 TO +00204 - RESULT OF FAS DATA BLOCK INFORMATION CHANGES.
 FPAP ORTHOMETRIC HEIGHT CHANGED FROM +00198 TO +00204 - RESULT OF FAS DATA BLOCK INFORMATION CHANGES.

PREVIOUS P-NOTAM CHANGES AND REASONS INCORPORATED IN THIS AMENDMENT.



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** NY TRACON, AIRPORT MANAGER.

FLIGHT CHECKED BY

STEPHEN BAUER

Digitally signed by
DEZ SILAGYI
Aug 21, 2018

OFFICE

FICO

DATE

8/16/18

DEVELOPED BY

DEANNA M. FIELDS

Digitally signed by
DEANNA M FIELDS
Jul 10, 2018

OFFICE

AJV-5421

DATE

06/26/2018

APPROVED BY

JULIE MORGAN

Digitally signed by
DEZ SILAGYI
Aug 21, 2018

OFFICE

AJV-5420

DATE

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)	00040.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.30
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

CRC REMAINDER 7E059988

ADDITIONAL PATH POINT RECORD INFORMATION

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

