FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
ACY	RNAV (RNP) Z RWY 31	ORIG-C	ATLANTIC CITY	NJ

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
75	63	RNAV (RNP) Z RWY 31	ORIG-B	06/27/2013	10W	1965

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SIE VORTAC		JENGA		TF	FB	0.50	068.96	21.14	2000
PANZE		RODDI		TF	FB	0.50	212.97	14.50	2000
JENGA	IAF	STEVV		TF	FB	0.50	038.10	6.00	2000
RODDI	IAF	STEVV		TF	FB	0.50	218.18	6.00	2000
STEVV	IF	PRSTY	PFAF	TF	FB	0.50	308.14	6.10	1700
PRSTY	PFAF	RW31	MAP	TF	FO	0.30	308.07	4.91	
RW31	MAP	445 MSL		CA			308.07		
445 MSL		WEREK		DF	FB	1.00			
WEREK		KOVEC		TF	FO	1.00	258.79	7.93	2000

MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 2000 DIRECT WEREK AND ON TRACK 258.79 TO KOVEC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT STEVV
3. **FAC:** 308.07 **PFAF:** PRSTY **DIST FAF TO MAP:** **DIST FAF TO THLD:**
4. **MIN ALT:** STEVV 2000, PRSTY 1700
5. **DIST TO THLD FROM PFAF:** 4.91 **MM:** **IM:** **150 HAT:** **382 HAT:** 1.03 **GS ANT:**
6. **MIN GP INCPT:** 1700 **GP ALT AT PFAF:** PRSTY 1700 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 52.4
8. **MSA FROM:** RW31 2100

QUALITY 21 CHECKED

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PANZE ON V44 NORTHEAST BOUND AND T315, V184-229 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SIE VORTAC AIRWAY RADIALS 333 CW 131.
CHART PLANVIEW NOTE AT SIE VORTAC AND PANZE: (RNP 0.50).
CHART SPEED ICON IN PLANVIEW AT JENGA: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT RODDI: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 037.82 INBOUND.
CHART R-5002.
CHART W-107C.

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD

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
AUTHORIZATION REQUIRED															
RNP 0.30 DA	445	6000	382	445	6000	382	445	6000	382	445	6000	382			

CHANGES - REASONS

1. INCORPORATED PREVIOUS ORIG-A AND ORIG-B P-NOTAM INTO FORM.
2. TERMINAL ROUTES: CHANGED SIE VORTAC AND PANZE FEEDER SEGMENT RNP VALUES FROM “1.00” TO “.50” – MATCH CURRENTLY PUBLISHED VALUES.
3. TERMINAL ROUTES: ADDED “445 MSL“ CA SEGMENT – REQUIRED FOR RNAV MA PER CURRENT CRITERIA; TF-TF RNP MA CHANGED TO CA-DF-TF RNAV MA PER MANAGEMENT.
4. TERMINAL ROUTES: CHANGED WEREK SEGMENT FROM “TF” TO “DF”, REMOVED “308.00” COURSE AND “7.11” DISTANCE - TO MATCH RNAV (GPS) Y RWY 31 TO ALLOW 382 HAT PER MANAGEMENT, GROUND TRACK UNCHANGED AND PERMISSIBLE FOR ABBREVIATED AMDT.
5. MISSED APPROACH INSTRUCTIONS: CHANGED FROM “CLIMB TO 2000 ON TRACK 308.00 TO WEREK AND ON TRACK 258.79 TO KOVEC AND HOLD” TO “CLIMB TO 2000 DIRECT WEREK AND ON TRACK 258.79 TO KOVEC AND HOLD” – TO MATCH RNAV (GPS) Y RWY 31 TO ALLOW 382 HAT PER MANAGEMENT, GROUND TRACK UNCHANGED AND PERMISSIBLE FOR ABBREVIATED AMDT.
6. PROFILE LINE 3: ADDED “PFAF: PRSTY” – IAW 8260.19J, 8-6-7C(2)A.
7. PROFILE LINE 4: ADDED “PRSTY 1700” – IAW 8260.19J, 8-6-7D(3).
8. PROFILE LINE 5: ADDED “382 HAT: 1.03”, REMOVED “DIST TO THLD FROM 338 HAT: 0.90 NM” FROM ADDITIONAL FLIGHT DATA – NEW OBSTACLE EVALUATION, IAW 8260.19J, 8-6-7E(3).
9. PROFILE LINE 7: ADDED “20:1 IS CLEAR” – IAW 8260.19J, 8-6-7G(3)A.
10. PBN REQUIREMENTS: CHANGED "GPS REQUIRED" TO "RNP AR APCH - GPS" - IAW 8260.19J, 8-6-6(D)11.
11. CHANGED “CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT” TO “CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/ TCH {FEET})” – IAW 8260.19J, 8-6-10M(1).
12. CHANGED “PROCEDURE NA FOR ARRIVALS AT PANZE VIA V44 NORTHEAST BOUND, V184·229 NORTHEAST BOUND” TO “CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PANZE ON V44 NORTHEAST BOUND AND T315, V184-229 NORTHEAST BOUND” – T315 ADDED TO CHARTING.
13. CHANGED “CHART IN PLANVIEW AT RODDI: MAX 210 KIAS AND CHART IN PLANVIEW AT JENGA: MAX 210 KIAS” TO “CHART SPEED ICON IN PLANVIEW AT RODDI: MAX 210 KIAS AND CHART SPEED ICON IN PLANVIEW AT JENGA: MAX 210 KIAS” – IAW 8260.19J, 4-6-10G.
14. ADDITIONAL FLIGHT DATA: REMOVED “ROUTE TYPE: A, R, ROUTE TYPE QUALIFIER 1: P, ROUTE TYPE QUALIFIER 2: S, #TCH 115.5 MSL (DO NOT CHART)” – CURRENT DOCUMENTATION STANDARDS.
15. ADDITIONAL FLIGHT DATA: REMOVED "CHART: ASR" - NO LONGER REQUIRED PER CRITERIA.
16. MINIMUMS: RAISED RNP 0.30 DA/HAT FROM “401/338” TO “445/382”– NEW FINAL CONTROLLING OBSTACLE, CANCELS FDC NOTAM 4/7237.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
ACY	RNAV (RNP) Z RWY 31	ORIG-C	ATLANTIC CITY	NJ

COORDINATED WITH:

A4A [X] **ALPA** [X] **AOPA** [X] **APA** [X] **HAI** [ ] **NBAA** [X] **OTHER:** ZDC, ACY APP CON, ACY ATCT, NJ STATE AVIA, AMGR

FLIGHT CHECKED BY	OFFICE	DATE

DEVELOPED BY	OFFICE	DATE
CASIMIR L. TABAKA (ROBERT A. SWINSON)	AJV-A432	12/12/2024

APPROVED BY	OFFICE	DATE	TITLE
CASIMIR L. TABAKA	AJV-A432	07/03/2025	MANAGER

QUALITY 21 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ACY	RNAV (RNP) Z RWY 31	ORIG-C	ATLANTIC CITY	NJ	75	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM	TO
SIE VORTAC	JENGA

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.50	21.14				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (34-000142)	390750.00N/0744718.00W	476	250	50	4D	1000				AT474 AC50	2000
TERRAIN		20 (0)								AS1500	1500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FEEDER

FROM	TO
PANZE	RODDI

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.50	14.50				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TANK (34-006156)	393724.00N/0741148.00W	145	500	125	5E	1000				AT730 AC125	2000
TERRAIN	394021.00N/0740924.00W	17 (0)								AS1500	1500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ACY	RNAV (RNP) Z RWY 31	ORIG-C	ATLANTIC CITY	NJ	75	RNAV

INITIAL

FROM	TO
JENGA	STEVV

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.50	6.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	392143.39N/0742022.76W	280	50	20	2C	1000				AT700 AC20	2000
TERRAIN	392143.39N/0742022.76W	0 (0)								AS1500	1500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM	TO
RODDI	STEVV

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.50	6.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	392546.95N/0742018.47W	280	50	20	2C	1000				AT700 AC20	2000
TERRAIN	392546.95N/0742018.47W	0 (0)								AS1500	1500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ACY	RNAV (RNP) Z RWY 31	ORIG-C	ATLANTIC CITY	NJ	75	RNAV

INTERMEDIATE

FROM	TO
STEVV	PRSTY

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.50	6.10				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
BUILDING (34-020030)	392138.50N/0742508.10W	490	500	50	5D	500				VEB53 DG607 AC50	1700
TERRAIN	392536.00N/0742715.00W	14 (0)								AS1500	1500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL

FROM	TO
PRSTY	RW31

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.91		DA	382	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
ANTENNA (34-079974)	392700.11N/0743211.12W	175	20	3	1A		21.47:1			AC3	445

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY 21 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ACY	RNAV (RNP) Z RWY 31	ORIG-C	ATLANTIC CITY	NJ	75	RNAV

MISSED APPROACH: LEVEL SURFACE

FROM	TO
DA	KOVEC

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					284

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2000
AAO	392927.00N/0745042.00W	312	215	8	4B	1000					1400
TERRAIN	392927.00N/0745045.00W	111 (100)								AS1500	1600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING ☐ ALL CATS ☐ CAT A ☐ CAT B ☐ CAT C ☐ CAT D ☐ CAT E ☒ NOT AUTHORIZED

MSA

CENTER	RADIUS
RW31	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (34-000174)	394344.00N/0745041.00W	322	21.3	1049	500	50	5D	1000			2100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	ACY	24	ACY	0.00	Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS

WX REMARKS:

BACKUP ALTIMETER NOT REQUIRED - 24 HR ATCT ON AIRPORT WITH SECONDARY WEATHER REPORTING SYSTEMS.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
01H		
RW04 - HIRL, PAPI-4L	NPI-G	
RW22 - HIRL, VASI-4L	NPI-G	
RW13 - MALSR, C/LINE, HIRL, TDZ, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW31 - REIL, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	63.1	52.4			3.00	68.9

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	[X]	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	[X]	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-13C	+54C	-13C	+14.85C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2007-2011).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 968 HIGH TEMP 1260.

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

50 FT VEGETATION USED PER FPT.

DEVELOPED RNP 0.30 MINIMUMS ONLY DUE TO FINAL SURFACE PENETRATION OF ANTENNA (34-079974),392700.11N/0743211.12W. LOWER RNP LEVELS WILL NOT MISS THE OBSTACLE AND USE OF CG IS NOT APPLICABLE AS THE OBSTACLE LIES WITHIN MA SECT 1A.

LESS THAN STANDARD RNP LEVELS USED IN INTERMEDIATE AND INITIAL SEGMENTS DUE TO DTA CONSIDERATIONS.

445 DA/382 HAT WERE DETERMINED BY UTILIZING THE CURRENTLY PUBLISHED 3.00 GPA AND 52.4 TCH. THE PFAF IS CURRENTLY IN AN INCORRECT LOCATION FOR A 1700 GLIDEPATH INTERCEPT; PFAF NEEDS TO BE MOVED UPON NEXT FULL AMDT.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	**TO 1000FT POINT**	3.09
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.20
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	298.07
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	100
DISTANCE FROM	THLD	**TO 1500FT POINT**	4.66
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	1.20
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	298.07
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	100

THRESHOLD COORDINATES (IF STR-IN)	392704.93N/0743335.06W
ARP COORDINATES	392727.27N/0743437.76W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 31 DISTANCE 0.89 NM
FAF COORDINATES	392446.37N/0742759.59W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CASIMIR L. TABAKA (ROBERT A. SWINSON)	AJV-A432	12/12/2024	AERONAUTICAL INFORMATION SPECIALIST

QUALITY 21 CHECKED