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.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
EWR	RNAV (GPS) W RWY 29	ORIG-B	NEWARK	NJ

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
18	10	RNAV (GPS) W RWY 29	ORIG-A	02/20/2025	13W	1985

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
PATRN	IAF	IZEKO		TF	FB	1.00	163.41	7.20	3000
IZEKO	IF	PRYRR		TF	FB	1.00	191.37	2.79	2500
PRYRR		JIMLO		TF	FB	1.00	191.41	1.90	1900
JIMLO		AFISK		TF	FB	1.00	220.06	1.16	1600
AFISK	FAF	AXELL		TF	FB	0.30	220.05	2.26	
AXELL		NOWAY		TF	FB	0.30	258.02	1.20	
NOWAY		RW29	MAP	TF	FO	0.30	288.01	1.35	
RW29	MAP	418 MSL		CA			288.01		
418 MSL		MUFIE		DF	FO	1.00			3000

MISSED APPROACH

MAP:
LNAV: RW29

MISSED APPROACH INSTRUCTIONS:
(DO NOT EXCEED 165 KIAS UNTIL RWY 29) CLIMB TO 2000 ON THE EXTENDED VISUAL APPROACH TRACK TO RWY 29, THEN CLIMB TO 3000 DIRECT MUFIE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT IZEKO
3. **FAC:** # **FAF:** AFISK **DIST FAF TO MAP:** 4.81 **DIST FAF TO THLD:** 4.81
4. **MIN ALT:** IZEKO 3000, PRYRR 2500, JIMLO 1900, AFISK 1600
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:** RW29 3000

QUALITY 40 CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED

NOTES:

CHART NOTE: RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: TURNS REQUIRED IN THE VISUAL SEGMENT.
CHART IN PLANVIEW AT AXELL: VGF (VISUAL GUIDANCE FIX).
CHART PLANVIEW NOTE: CROSS AXELL, FLY VISUAL TO AIRPORT ALONG DEPICTED TRACK TO RWY 29.
CHART NOTE: STRAIGHT-IN RWY 29 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN AT OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.
CHART NOTE: CAUTION, DEPARTING TEB RWY 24 TRAFFIC CLIMBING TO 1500' MSL.
CHART SPEED ICON IN PLANVIEW AT IZEKO: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART IN PROFILE NOTE: *RECOMMENDED ALT.
FAS VISUAL MANEUVER OBST: 268 POLE 404147N/0740717W.
CHART GP ALT IN PROFILE: AFISK 1600, *AXELL 880, *NOWAY 500
CHART HELO KEARNY HELIPORT (65NJ).
CHART TETERBORO AIRPORT (KTEB).
HOLD W, RT, 107.90 INBOUND.
CHART FAS OBST: 389 BUILDING (34-024923) 404316N/0740350W.
CHART 849 BUILDING (34-071057) 404352N/0740350W.
AFISK TO RW29: 3.00/60.
CHART KTEB IN PLANVIEW

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B, C, D 1000-3

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
LNAV MDA	880	3	870	880	3	870	880	3	870	880	3	870			

CHANGES - REASONS

1. ADDED “CHART NOTE: CAUTION, DEPARTING TEB RWY 24 TRAFFIC CLIMBING TO 1500' MSL.” – N90/FPT REQUEST.
2. 7:1 OBSTACLE CHANGED FROM: "CHART 849 BUILDING (34-025191) 404356N/0740339W." TO: "CHART 849 BUILDING (34-071057) 404352N/0740350W." - NEW EVALUATION OF PROCEDURE.

10/29/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 08/05/2025.
ADDED CHART KTEB IN PLANVIEW IN ADDITIONAL FLIGHT DATA.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
EWR	RNAV (GPS) W RWY 29	ORIG-B	NEWARK	NJ

COORDINATED WITH:

A4A [X] **ALPA** [X] **AOPA** [X] **APA** [X] **HAI** [ ] **NBAA** [X] **OTHER:** NZY ARTCC, NY TRACON, EWR ATCT, EWR 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
CASIMIR L TABAKA
Sep 29, 2025

OFFICE **DATE**

DEVELOPED BY
JACOB CLARK

Digitally signed by
JACOB H CLARK
Sep 23, 2025

OFFICE AJV-A432

DATE 08/05/2025

APPROVED BY
CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
Sep 29, 2025

OFFICE AJV-A432

DATE

TITLE MANAGER

QUALITY 40 CHECKED

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
EWR	RNAV (GPS) W RWY 29	ORIG-B	NEWARK	NJ	18	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM	TO
PATRN	IZEKO

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	7.20				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	405618.00N/0741157.00W	716	215	8	4B	1000				AT1284	3000
TERRAIN	405418.00N/0741027.00W	482 (500)								AS1500	2000

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM	TO
IZEKO	PRYRR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	2.79				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (34-001064)	404753.26N/0740525.76W	676	20	3	1A	500				AT1324	2500
TERRAIN	404909.00N/0740639.00W	124 (100)								AS1500	1600

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
EWR	RNAV (GPS) W RWY 29	ORIG-B	NEWARK	NJ	18	RNAV

INTERMEDIATE: STEPDOWN

FROM	TO
PRYRR	JIMLO

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	1.90				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (34-001063)	404747.86N/0740526.10W	676	20	3	1A	500				AT724	1900
TERRAIN	404548.00N/0740218.00W	255 (300)								AS1500	1800

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM	TO
JIMLO	AFISK

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	1.16				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
BUILDING (34-071057)	404352.48N/0740349.50W	849	50	20	2C	500				AT251	1600
TERRAIN	404530.00N/0740521.00W	183 (200)								AS1000	1200

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
EWR	RNAV (GPS) W RWY 29	ORIG-B	NEWARK	NJ	18	RNAV

FINAL: LNAV

FROM	TO
AFISK	AXELL

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	2.26				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
BUILDING (34-024923)	404315.97N/0740350.39W	389	500	50	5D	250				AC50 SA-20 DG211	880

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM	TO
AXELL	NOWAY

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	1.20				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
POLE (34-042891)	404146.96N/0740717.20W	268	20	3	1A	250				DG362	880

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
EWR	RNAV (GPS) W RWY 29	ORIG-B	NEWARK	NJ	18	RNAV

FINAL: LNAV STEPDOWN

FROM	TO
NOWAY	RW29

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	1.35		RW29	870	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
POLE (34-042891)	404146.96N/0740717.20W	268	20	3	1A	250				DG362	880

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM	TO
RW29	MUFIE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					820

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
AAO	404115.00N/0742315.00W	755	215	8	4B	1000				AT245	2000
TERRAIN	404112.00N/0742318.00W	554 (554)								AS1000	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
RW29	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	BUILDING (36-020633)	404246.75N/0740047.27W	097	6.6	1806	20	3	1A	1000		AT194	3000

MSA REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
EWR	RNAV (GPS) W RWY 29	ORIG-B	NEWARK	NJ	18	RNAV

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZNY ARTCC, NY TRACON, EWR TOWER

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

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

WX REMARKS:

BACKUP ALTIMETER SOURCE NOT REQUIRED DUE TO REDUNDANT SOURCES AT KEWR.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW29 - HIRL, C/LINE, REIL, TDZ, PAPI-4R	NPI-G	
RW04L - MALSR, HIRL, C/LINE, TDZ, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW04R - ALSF-2, C/LINE, HIRL, TDZ, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW11 - HIRL, TDZ, C/LINE, REIL, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW22L - ALSF-2, C/LINE, HIRL, TDZ, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW22R - MALSR, C/LINE, TDZ, HIRL, REIL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
					3.00	60.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD [X] FT FROM THRESHOLD DISPLACED THRESHOLD DISTANCE 224

ON CENTERLINE [X] FT FROM CENTERLINE

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	RNAV (GPS) W RWY 29
20:1	
39 POLE (34-076728) 404205.4300N/0740918.1900W (7.93)	39 POLE (34-076729) 404206.3100N/0740917.6800W (6.36)
39 POLE (34-043930) 404203.5600N/0740917.7400W (5.38)	44 POLE (34-044071) 404203.7900N/0740916.2300W (4.69)

QUALITY 40 CHECKED

39 POLE (34-043582) 404203.4200N/0740917.3600W (3.86)	39 POLE (34-043587) 404201.7300N/0740917.3000W (2.88)
38 POLE (34-043584) 404204.4800N/0740917.2200W (2.79)	40 POLE (34-043592) 404202.6600N/0740916.8500W (2.57)
44 POLE (34-043350) 404202.2100N/0740915.7800W (2.27)	34 POLE (34-023881) 404205.4000N/0740918.0000W (2.19)
34 POLE (34-043905) 404205.3500N/0740918.0000W (2.17)	29 POLE (34-023894) 404203.6000N/0740919.5000W (2.15)
28 POLE (34-023915) 404203.1000N/0740919.8000W (2.08)	27 POLE (34-023917) 404202.7000N/0740920.1000W (2.05)
21 TERRAIN (34-043533) 404202.0700N/0740921.7000W (1.92)	28 POLE (34-023916) 404202.6000N/0740919.8000W (1.86)
25 POLE (34-043531) 404201.8000N/0740920.6400W (1.73)	26 POLE (34-023919) 404202.3000N/0740920.3000W (1.65)
28 POLE (34-026172) 404203.3500N/0740919.6400W (1.58)	33 POLE (34-043861) 404201.7400N/0740918.5200W (1.57)
30 POLE (34-023889) 404204.3000N/0740919.0000W (1.54)	32 TRAVERSE_WAY (34-025755) 404204.0000N/0740918.5100W (1.53)
29 POLE (34-023890) 404203.9000N/0740919.3000W (1.51)	38 POLE (34-043588) 404205.3200N/0740916.7800W (1.47)
22 FENCE (34-055567) 404202.1300N/0740921.3100W (1.45)	31 POLE (34-023888) 404204.4000N/0740918.7000W (1.43)
25 POLE (34-044613) 404201.9700N/0740920.5300W (1.38)	27 POLE (34-023897) 404202.9000N/0740919.9000W (1.38)
26 POLE (34-023918) 404202.5000N/0740920.2000W (1.35)	31 POLE (34-023884) 404205.0000N/0740918.6000W (1.31)
38 POLE (34-043590) 404204.3700N/0740916.8400W (1.28)	30 POLE (34-043849) 404204.0400N/0740918.9500W (1.23)
21 TERRAIN (34-044611) 404202.4700N/0740921.4500W (1.13)	32 POLE (34-023880) 404205.7000N/0740918.2000W (1.09)
30 POLE (34-023892) 404204.1000N/0740918.9000W (1.07)	29 POLE (34-023891) 404203.7000N/0740919.2000W (1.04)
30 POLE (34-025895) 404204.6500N/0740918.8300W (1.04)	25 POLE (34-026037) 404202.1600N/0740920.4100W (1.01)
30 POLE (34-023886) 404204.7000N/0740918.8000W (0.95)	25 POLE (34-023900) 404202.1000N/0740920.4000W (0.94)
31 POLE (34-023883) 404205.4000N/0740918.4000W (0.72)	34 POLE (34-043910) 404206.2500N/0740917.5200W (0.72)
28 POLE (34-023893) 404203.3000N/0740919.4000W (0.63)	43 POLE (34-058373) 404201.3300N/0740915.7100W (0.61)
42 POLE (34-044075) 404204.9500N/0740915.5300W (0.51)	27 POLE (34-023895) 404203.4000N/0740919.6000W (0.44)
27 POLE (34-023896) 404203.0000N/0740919.6000W (0.27)	21 TERRAIN (34-055569) 404202.9000N/0740921.1600W (0.21)
17 FENCE (34-043530) 404202.4000N/0740922.2600W (0.21)	22 FENCE (34-026033) 404202.7700N/0740920.9000W (0.15)
19 FENCE (34-020588) 404204.4300N/0740921.4900W (0.15)	38 POLE (34-044069) 404206.1700N/0740916.3100W (0.04)
FINAL TYPE	RNAV (GPS) W RWY 29
34:1	
64 POLE (34-020607) 404205.9700N/0740907.5800W (17.88)	43 POLE (34-043373) 404206.1300N/0740914.8500W (13.33)
43 POLE (34-043374) 404203.5000N/0740915.0900W (13.19)	42 POLE (34-020605) 404202.2100N/0740915.5300W (12.85)
43 POLE (34-043375) 404202.5100N/0740914.9700W (12.66)	42 SIGN (34-043369) 404202.1800N/0740915.4400W (12.64)
42 SIGN (34-043371) 404202.2200N/0740915.3200W (12.38)	42 SIGN (34-058372) 404202.0700N/0740915.1300W (11.91)
38 POLE (34-044070) 404205.1900N/0740916.3900W (11.56)	42 POLE (34-043378) 404204.7800N/0740914.3900W (10.94)
38 POLE (34-044073) 404206.0600N/0740915.9100W (10.71)	39 POLE (34-020604) 404204.3000N/0740915.6500W (10.66)
42 POLE (34-043380) 404203.6700N/0740914.2700W (10.39)	33 POLE (34-023877) 404206.3000N/0740917.5000W (9.36)
32 POLE (34-055287) 404202.1000N/0740918.3200W (9.12)	41 POLE (34-043415) 404206.0700N/0740913.7100W (8.74)
31 POLE (34-026120) 404205.4200N/0740918.2000W (8.71)	32 POLE (34-043927) 404202.5000N/0740918.0900W (8.7)

32 POLE (34-043928) 404202.8200N/0740917.9100W (8.38)	30 POLE (34-023885) 404204.8000N/0740918.5000W (8.22)
31 POLE (34-000865) 404206.1000N/0740917.9000W (8.21)	41 POLE (34-043416) 404204.7400N/0740913.6100W (8.17)
54 POLE (34-042992) 404206.0100N/0740907.6500W (8.05)	31 POLE (34-043911) 404206.3200N/0740917.6900W (7.79)
41 POLE (34-043419) 404205.8200N/0740912.9500W (6.96)	25 POLE (34-023898) 404202.2000N/0740920.1000W (6.16)
22 FENCE (34-026176) 404203.4800N/0740920.4500W (4.28)	21 TERRAIN (34-026184) 404203.3500N/0740920.8700W (4.2)
21 TERRAIN (34-026170) 404203.9400N/0740920.4900W (3.49)	46 POLE (34-043255) 404201.4900N/0740909.6500W (3.39)
22 FENCE (34-055562) 404204.2500N/0740919.9500W (3.35)	39 POLE (34-043179) 404200.9300N/0740912.6800W (3.09)
21 TERRAIN (34-025904) 404204.3800N/0740920.2100W (2.97)	18 FENCE (34-026169) 404204.3200N/0740921.5000W (2.87)
18 FENCE (34-025901) 404205.2000N/0740921.4000W (2.87)	22 FENCE (34-025896) 404204.8900N/0740919.5400W (2.59)
20 VERTICAL_STRUCTURE (34-025892) 404205.3500N/0740920.3500W (2.54)	19 FENCE (34-044610) 404202.3500N/0740921.1200W (2.5)
44 ANTENNA (34-058022) 404200.5100N/0740910.2500W (2.49)	21 TERRAIN (34-025898) 404204.8600N/0740919.9100W (2.42)
17 FENCE (34-055829) 404203.3000N/0740921.7000W (2.06)	17 FENCE (34-026164) 404204.6800N/0740921.5400W (2.05)
17 FENCE (34-026175) 404203.9800N/0740921.6200W (2.05)	18 FENCE (34-026166) 404204.3700N/0740921.0500W (1.87)
16 FENCE (34-026036) 404202.9300N/0740922.0200W (1.68)	20 FENCE (34-026118) 404206.2000N/0740919.8000W (1.52)
17 FENCE (34-026174) 404203.8900N/0740921.3400W (1.4)	24 FENCE (34-043862) 404201.9100N/0740918.4200W (1.29)
18 FENCE (34-025900) 404204.9700N/0740920.6800W (1.19)	20 SIGN (34-055561) 404205.6800N/0740919.5100W (0.73)
17 FENCE (34-055571) 404205.3600N/0740920.8000W (0.56)	30 TREE (34-043370) 404205.7000N/0740914.9900W (0.54)
18 FENCE (34-026017) 404205.7900N/0740920.1300W (0.16)	18 FENCE (34-026173) 404203.5700N/0740920.3400W (0.06)
PENETRATIONS REMARKS:	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
EWR	RNAV (GPS) W RWY 29	ORIG-B	NEWARK	NJ	18	RNAV

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION.

PRODEDURE DESIGN DOES NOT COMPLY WITH CRITERIA. PRE-DEVELOPMENT COORDINATION COMPLETED WITH AJV-A MANAGMENT, AFS LIASION, AFS PRB REP, AND N90 PROCEDURE SUPPORT SPECIALIST. PROCEDURE DESIGN AND COORDINATION CONDUCTED BY N90 PROCEDURE SUPPORT SPECIALIST. HYBRID PROCEDURE DEVELOPED ON FUTURISTIC CRITERIA CONSIDERED FOR PUBLICATION.

FINAL APPROACH HAS AN EXTEND VISUAL SEGMENT WITH TF TURNS. THE FIX AXELL IS IDENTIFIED AS A VGF (VISUAL GUIDANCE FIX) WHICH IS THE POINT THE FLIGHT CREW SHOULD BE ABLE TO SEE THE RUNWAY TO CONTINUE THE EXTENDED VISUAL SEGMENT TO A LANDING OR EXECUTE THE MISSED APPROACH.

WAIVERS (3):
TURNS IN FINAL
FINAL SEGMENT VISUAL DESIGN
20:1 UNLIT PENETRATIONS
ORDER 8260.3 CHAPTER 2 APPLIED TO 849 BUILDING (34-071057) 404352.48N/0740349.50W.

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**	3.14
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	2.09
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	100
DISTANCE FROM	THLD	**TO 1500FT POINT**	5.57
WIDTH OF	INTERMEDIATE	**SEGMENT AT 1500FT POINT**	4.00
TRUE COURSE OF	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	
HIGH TERRAIN IN	INTERMEDIATE	**SEGMENT CONTAINING 1500FT POINT**	200

THRESHOLD COORDINATES (IF STR-IN)	404204.51N/0740926.46W
ARP COORDINATES	404132.93N/0741007.28W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 4L DISTANCE 1.14 NM
FAF COORDINATES	404428.47N/0740453.56W
FIX NAME COORDINATES	

REMARKS

@ TRUE COURSE FROM AXELL TO NOWAY 245.02; TRUE COURSE FROM NOWAY TO RWY 29 275.01.
NOWAY 404157.43N/0740740.28W, AXELL 404227.87N/0740614.47W; 1000 FT POINT IS BETWEEN FAF AFISK AND AXELL.

INTERMEDIATE CALCULATION:
IF SDF JIMLO=1900, HIGH TERRAIN IN IF SDF JIMLO TO AFISK =200
1500+200=1700
1900-1700=200
200/500=0.4 NM INBOUND FROM IF SDF JIMLO/1.80+2.20 WIDTH=4.00

THLD DISPLACED 224FT, ACTUAL COORDINATES: 404204.32N/0740923.56W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
JACOB CLARK	AJV-A432	08/05/2025	AERONAUTICAL INFORMATION SPECIALIST