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
BLV	RNAV (RNP) Z RWY 14L	ORIG-A	BELLEVILLE	IL

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
459	442	RNAV (RNP) Z RWY 14L	ORIG	11/27/2025	2W	2020

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
JOHND	IF	RECLA		TF	FB	1.00	318.48	5.00	5000
RECLA		PIRPY		RF	FB	1.00	(2.29 NM RADIUS CCW (CFLFW))	7.20	2700
AIRIK	IF	COSET		TF	FB	1.00	318.69	5.21	5000
COSET		PIRPY		RF	FB	1.00	(3.04 NM RADIUS CW (CFLFR))	9.55	2700
BALLY	IF	PIRPY		TF	FB	1.00	138.45	4.01	3000
PIRPY		OFAFY	PFAF	TF	FB	1.00	138.48	1.62	2200
OFAFY	PFAF	RW14L	MAP	TF	FO	0.30	138.50	5.35	
RW14L	MAP	2000 MSL		CA			138.50		2000
2000 MSL		DUTMY		DF	FO	1.00			3000

MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT DUTMY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT PIRPY
3. **FAC:** 138.50 **PFAF:** OFAFY **DIST FAF TO MAP:** **DIST FAF TO THLD:**
4. **MIN ALT:** PIRPY 2700, OFAFY 2200
5. **DIST TO THLD FROM PFAF:** 5.35 **MM:** **IM:** **150 HAT:** **331 HAT:** 0.87 **GS ANT:**
6. **MIN GP INCPT:** 2200 **GP ALT AT PFAF:** OFAFY 2200 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 55.0
8. **MSA FROM:** RW14L 2700

QUALITY 40 CHECKED

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
BLV	RNAV (RNP) Z RWY 14L	ORIG-A	BELLEVILLE	IL

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS. AUTHORIZATION REQUIRED. FROM RECLA, COSET: RF

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15°C OR ABOVE 54°C.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART SPEED ICON IN PLANVIEW AT JOHND: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT AIRIK: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 283.48 INBOUND.

MINIMUMS:

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

ALTERNATE: NA [X]

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 0.15 DA	773	5000	331	773	5000	331	773	5000	331	773	5000	331			
RNP 0.30 DA	867	1 1/4	425	867	1 1/4	425	867	1 1/4	425	867	1 1/4	425			

CHANGES - REASONS

1. NOTES: REMOVED CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.15 ALL CATS VISIBILITY TO RVR 5000 – CLEAR NOTAM !FDC 5/1832, NO ESTABLISHED ALS TO RWY 14L.
2. MINIMUMS: CHANGES RNP 0.15 VISIBILITY FROM RVR 4000 ALL CATS TO RVR 5000 ALL CATS AND CHANGED RNP 0.30 VISIBILITY FROM RVR 4000 ALL CATS TO 1 1/4 SM ALL CATS - CLEAR NOTAM !FDC 5/1832, NO ESTABLISHED ALS TO RWY 14L.

COORDINATED WITH:

A4A [X] **ALPA** [X] **AOPA** [X] **APA** [ ] **HAI** [ ] **NBAA** [X] **OTHER:** ZKC, SCOTT TOWER, STL APP CON, HQ AMC TERPS, ANG/DOBA, AMGR

FLIGHT CHECKED BY	OFFICE	DATE

DEVELOPED BY	OFFICE	DATE
JANTZEN TAYLOR	AJV-A422	02/20/2026

APPROVED BY	OFFICE	DATE	TITLE
RAKE MCGRAW	AJV-A422		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
BLV	RNAV (RNP) Z RWY 14L	ORIG-A	BELLEVILLE	IL	459	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INTERMEDIATE

FROM	TO
JOHND	RECLA

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	5.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	383921.00N/0894842.00W	807	215	8	4B	500				AC8 AT3685	5000
TERRAIN	383921.00N/0894842.00W	606 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE STEPDOWN

FROM	TO
RECLA	PIRPY

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	383812.00N/0895845.00W	814	215	8	4B	500				AT1378 AC8	2700
TERRAIN	383809.00N/0895848.00W	613 (600)								AS1500	2100

COMPUTATIONS

RF SEGMENT	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
RECLA-PIRPY	5000	210	232.25	4540.90	34.13	2.29	24.28	0.00	0.00			(CFLFW)/9.55 NM

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BLV	RNAV (RNP) Z RWY 14L	ORIG-A	BELLEVILLE	IL	459	RNAV

INTERMEDIATE

FROM	TO
AIRIK	COSET

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	5.21				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (17-002868)	383333.00N/0900052.00W	982	500	50	5D	500				AC50 AT3468	5000
TERRAIN	383330.00N/0900245.00W	613 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE STEPDOWN

FROM	TO
COSET	PIRPY

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	9.55				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (17-002020)	383747.00N/0900040.00W	1068	100	20	3C	500				AC20 AT1112	2700
TERRAIN	383445.00N/0900412.00W	659 (700)								AS1500	2200

COMPUTATIONS

RF SEGMENT	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
COSET-PIRPY	5087	210	232.56	4627.79	49.71	3.04	20.89	0.00	0.00			(CFLFR)/9.55 NM

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BLV	RNAV (RNP) Z RWY 14L	ORIG-A	BELLEVILLE	IL	459	RNAV

INTERMEDIATE

FROM	TO
BALLY	PIRPY

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	4.01				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (17-000440)	384101.37N/0900004.01W	1038	50	20	2C	500				AC20 AT1142	3000
TERRAIN	383809.00N/0895848.00W	613 (600)								AS1500	2100

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM	TO
PIRPY	OFAFY

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	1.62				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	383851.00N/0895700.00W	811	215	8	4B	500				AT881 AC8	2200
TERRAIN	383703.00N/0895757.00W	580 (600)								AS1500	2100

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
BLV	RNAV (RNP) Z RWY 14L	ORIG-A	BELLEVILLE	IL	459	RNAV

FINAL

FROM	TO
OFAFY	RW14L

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.15	5.35		DA	331	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (17-080821)	383343.82N/0895054.84W	558	20	3	1A					AC3	773

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL

FROM	TO
OFAFY	RW14L

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	5.35		DA	425	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (17-081130)	383340.77N/0895059.40W	589	20	3	1A					AC3	867

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
BLV	RNAV (RNP) Z RWY 14L	ORIG-A	BELLEVILLE	IL	459	RNAV

MISSED APPROACH: LEVEL SURFACE

FROM	TO
DA	DUTMY

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.15-1.00					612

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (17-002932)	382720.77N/0893330.53W	729	500	50	5D	1000					1800
TERRAIN	383342.00N/0895103.00W	518 (500)								AS1500	2000

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LEVEL SURFACE

FROM	TO
DA	DUTMY

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					706

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (17-002932)	382720.77N/0893330.53W	729	500	50	5D	1000					1800
TERRAIN	383342.00N/0895103.00W	518 (500)								AS1500	2000

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BLV	RNAV (RNP) Z RWY 14L	ORIG-A	BELLEVILLE	IL	459	RNAV

MSA

CENTER	RADIUS
RW14L	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (29-000382)	383450.00N/0901945.00W	276	23.4	1649	250	50	4D	1000			2700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ATIS	BLV	24	BLV		Y	0

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

WX REMARKS:

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW14L - REIL, HIRL, PAPI-4R	PIR-G	APPROACH, ROLL OUT
RW14R - ALSF-1, HIRL, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW32L - ALSF-1, HIRL, PAPI-4L	PIR-G	APPROACH, ROLL OUT
RW32R - MALSR, HIRL, PAPI-4L	PIR-G	APPROACH, ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	441.4	55.0			3.00	70.9

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
-15C	+54C	-15C	+14.09C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 961 HIGH TEMP 1267.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	RNP 0.15, 0.30
34:1	
507 TREE (17-081387) 383333.7700N/0895019.6300W (16.13)	507 TREE (17-081008) 383338.4500N/0895014.3100W (14.57)
499 TREE (17-081029) 383331.4900N/0895018.7600W (14.46)	508 TREE (17-080367) 383337.0800N/0895017.1400W (13.99)
499 TREE (17-081395) 383332.4200N/0895018.5100W (12.85)	492 TREE (17-080962) 383330.9200N/0895017.0800W (11.39)
489 TREE (17-081195) 383335.1400N/0895009.8700W (10.86)	495 TREE (17-081354) 383336.9200N/0895011.7100W (10.06)
503 TREE (17-033758) 383337.5900N/0895016.1500W (9.47)	491 TREE (17-080242) 383335.4100N/0895011.8100W (9.16)
501 TREE (17-081252) 383335.4100N/0895019.3800W (6.99)	505 TREE (17-080715) 383336.7000N/0895020.4100W (6.55)
504 TREE (17-081111) 383337.2700N/0895019.7100W (5.45)	491 TREE (17-081435) 383335.5600N/0895014.2200W (4.96)
502 TREE (17-080579) 383339.4500N/0895016.3000W (4.22)	490 TREE (17-081445) 383336.2700N/0895013.3600W (3.81)
498 TREE (17-081105) 383338.4700N/0895015.5900W (3.47)	501 TREE (17-080400) 383338.3300N/0895018.3900W (2.28)
504 TREE (17-080816) 383336.2500N/0895023.2400W (1.98)	
PENETRATIONS REMARKS:	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - RNP PROCEDURE.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100' TREE HEIGHT USED PER FPT.

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
BLV	RNAV (RNP) Z RWY 14L	ORIG-A	BELLEVILLE	IL	459	RNAV

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**	3.47
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.20
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	136.50
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	600
DISTANCE FROM	THLD	**TO 1500FT POINT**	5.15
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	1.95
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	136.50
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	600

THRESHOLD COORDINATES (IF STR-IN)	383322.31N/0895000.58W
ARP COORDINATES	383242.62N/0895006.67W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 32R DISTANCE 1.32 NM
FAF COORDINATES	383715.48N/0895442.23W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
JANTZEN TAYLOR	AJV-A422	02/20/2026	

QUALITY 40 CHECKED