

**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 BLV	PROCEDURE NAME RNAV (GPS) Y RWY 14L	ORIGINAL/AMENDMENT 1	CITY BELLEVILLE	STATE IL
AIRPORT ELEVATION 459	TDZE 442	SUPERSEDED RNAV (GPS) RWY 14L	DATED 09/08/2022	MAG VAR 2W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 27 NOVEMBER 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2020
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BALLY	IF/IAF	OFAFY		TF	FB	1.00	138.45	5.63	2200
OFAFY	FAF	DMJPS/2.96 NM TO RW14L		TF	FB	0.30	138.50	2.39	
DMJPS/2.96 NM TO RW14L		RW14L	MAP	TF	FO	0.30	138.50	2.96	
RW14L	MAP	2000 MSL		CA			138.50		2000
2000 MSL		DUTMY		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW14L

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. HOLD NW BALLY, LT, 138.45 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000. | | | | | |
| 3. FAC: 138.50 | FAF: OFAFY | | DIST FAF TO MAP: 5.35 | DIST FAF TO THLD: 5.35 | |
| 4. MIN ALT: BALLY 3000, OFAFY 2200, DMJPS/2.96 NM TO RW14L 1440 | | | | | |
| 5. DIST TO THLD FROM OM: | MM: | IM: | 150 HAT: | 252 HAT: 0.61 | GS ANT: |
| 6. MIN GP INCPT: 2200 | GP ALT AT PFAF: OFAFY 2200 | | | OM: | MM: |
| 7. GP ANGLE: 3.00 | 34:1: IS NOT CLEAR | 20:1: IS CLEAR | TCH: 55.0 | | IM: |
| 8. MSA FROM: RW14L 2700 | | | | | |



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
 CHART NOTE: RWY 14L HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
 CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 283.48 INBOUND.
 CHART FAS OBST: 616 TREE 383339N/0895103W.
 CHART 652 TREE (17-080346) 383530N/0895300W.
 CHART VDP AT 1.21 NM TO RW14L.
 WAAS CHANNEL # 58218
 REFERENCE PATH ID: W14A
 LTP HAE: 103.9 M

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>												
LPV DA	694	4000	252	694	4000	252	694	4000	252	694	4000	252			
LNAV/VNAV DA	900	1 3/8	458	900	1 3/8	458	900	1 3/8	458	900	1 3/8	458			
LNAV MDA	900	5500	458	900	5500	458	900	1 3/8	458	900	1 3/8	458			
CIRCLING	1000	1	541	1120	1	661	1240	2 1/4	781	1240	2 1/2	781			



CHANGES - REASONS

1. REMOVED INITIAL ROUTE FROM TOY VORTAC - SCHEDULED DECOM/FPT REQUEST.
2. CHANGED INTERMEDIATE ROUTE DISTANCE FROM 6.01NM TO 5.63 - NEW FAF LOCATION.
3. CHANGED DISTANCE FROM FIX OFAFY TO FIX DMJPS FROM 1.47 NM TO 2.39 NM - NEW LOCATION BOTH FIXES.
4. CHANGED DISTANCE FROM FIX DMJPS TO RWY 14 FROM 3.50 NM TO 2.96 NM - NEW SDF LOCATION.
5. REMOVED ROUTE MAP TO FIX JIRUB - CRITERIA/FPT REQUEST.
6. CHANGED DF MISSED LEG ALTITUDE FROM 2300 TO 3000 - NEW HOLDING ALT.
7. CHANGED MISSED APP INSTRUCTIONS FROM "CLIMB TO 2300 DIRECT JIRUB AND ON TRACK 103.38 TO DUTMY AND HOLD" TO "CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT DUTMY AND HOLD" - FIX JIRUB CANCELED.
8. CHANGED PROFILE LINE 2 FROM "PROFILE STARTS AT BALLY" TO "HOLD NW BALLY, LT, 138.45 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000" - H-I-L-P-T ADDED.
9. CHANGED PROFILE LINE 3 DIST FAF TO MAP/THLD FROM 4.97 TO 5.35 - NEW FAF LOCATION.
10. CHANGED PROFILE LINE 4 FROM BALLY 2100 TO BALLY 3000 - H-I-L-P-T ESTABLISHED
11. CHANGED PROFILE LINE 4 INCREASED OFAFY ALTITUDE FROM 2100 TO 2200 - NEW FAF LOCATION/FPT REQUEST.
12. CHANGED PROFILE LINE 4 DECREASED DMJPS ALTITUDE FROM 1620 TO 1440 - NEW SDF LOCATION/FPT REQUEST.
13. CHANGED PROFILE LINE 6 MIN GP INCPT AND GP ALT AT PFAF FROM 2100 TO 2200 - NEW FAF ALTITUDE.
14. CHANGED PROFILE LINE 7 TCH FROM 54.9 TO 55 - NEW EVALUATION.
15. CHANGED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C" - HISTORICAL TEMPS NOT AVAILABLE FOR ACT CALCULATIONS.
16. REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON TOY VORTAC AIRWAY RADIALS 189 CW 282" - INTIAL ROUTE REMOVED FROM APP.
17. ADDED ADDITIONAL FLIGHT DATA "CHART 652 TREE (17-080346) 383530N/0895300W" - 8260.19J 8-6-11 E(2).
18. UPDATED ADDITIONAL FLIGHT DATA FAS OBS FROM 619 TREE 383336N/0895101W TO 616 TREE 383339N/0895103W - NEW EVALUATION.
19. CRC REMAINDER CHANGED FROM 3C7F076F TO FF4387AC - TCH CHANGED.
20. REMOVED "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CAHOKIA/ST LOUIS ALTIMETER SETTING" - AIRPORT HAS REDUNDANT WEATHER SOURCES PER FPT.
21. REMOVED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ST LOUIS DOWNTOWN ALTIMETER SETTING; INCREASE LPV DA TO 684 FEET AND LNAV/VNAV DA TO 976 FEET AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1/8 MILE AND INCREASE CIRCLING CAT C/D VISIBILITY 1/4 MILE" - AIRPORT HAS REDUNDANT WEATHER SOURCES PER FPT.
22. ADDED CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED - FPT REQUEST/ QUALIFY FOR BASIC SIMULTANEOUS OPERATIONS.
23. CHANGED PBN REQUIREMENTS NOTE FROM "RNAV 1 - GPS" TO "RNP APCH - GPS" - 8-6-8.D.(5)(A)1.
24. CHANGED PROCEDURE NAME FROM RNAV (GPS) RWY 14L TO RNAV (GPS) Y RWY 14L - FPT REQUEST
25. LOWERED LNAV/VNAV MINS FROM DA/HAT 934/492 TO 900/458 - DA BASED ON THE EVALUATION OF THE SLOPING OCS IS NOT REQUIRED TO BE HIGHER THAN THE MDA OF AN LNAV.

10/15/25: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/23/25.

1. ADDED ALTITUDE 2000 TO TERMINAL ROUTE CA LEG.
2. REMOVED CHART: ASR NOTE.

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA

OTHER: ZKC, SCOTT TOWER, STL APP CON, HQ AMC TERPS, ANG/DOBA, AMGR

FLIGHT CHECKED BY

Digitally signed by
CASEY D HILL
 Oct 16, 2025

OFFICE

AJF

DATE

09/25/2025

DEVELOPED BY

Digitally signed by
CASEY D HILL
 Oct 16, 2025

OFFICE

AJV-A433

DATE

04/23/2025

APPROVED BY

Digitally signed by
CASEY D HILL
 Oct 16, 2025

OFFICE

AJV-A433

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBLV
RUNWAY	RW14L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	383322.3120N
LTP/FTP LONGITUDE	0895000.5835W
LTP/FTP ELLIPSOIDAL HEIGHT	+01039
FPAP LATITUDE	383210.5400N
FPAP LONGITUDE	0894834.0360W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER FF4387AC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01345
FPAP ORTHOMETRIC HEIGHT	+01345

