

**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 ID</u> KBLV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14L	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> BELLEVILLE	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 459	<u>TDZE</u> 442	<u>SUPERSEDED</u> RNAV (GPS) RWY 14L	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 05/26/2016	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 SEPTEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TOY VORTAC	IAF	BALLY		TF	FB	1.00	231.81	4.65	2100
BALLY	IF	OFAFY		TF	FB	1.00	138.45	6.01	2100
OFAFY	FAF	DMJPS/3.50 NM TO RW14L		TF	FB	0.30	138.50	1.47	
DMJPS/3.50 NM TO RW14L		RW14L	MAP	TF	FO	0.30	138.50	3.50	
RW14L	MAP	694 MSL		CA			138.50		
694 MSL		JIRUB		DF	FB	1.00			
JIRUB		DUTMY		TF	FO	1.00	103.38	10.92	2300

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW14L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2300 DIRECT JIRUB AND ON TRACK 103.38 TO DUTMY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT BALLY
3. **FAC:** 138.50 **FAF:** OFAFY **DIST FAF TO MAP:** 4.97 **DIST FAF TO THLD:** 4.97
4. **MIN ALT:** BALLY 2100, OFAFY 2100, DMJPS/3.50 NM TO RW14L 1620
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **200 HAT:** 0.46 **GS ANT:**
6. **MIN GP INCPT:** 2100 **GP ALT AT PFAF :** OFAFY 2100 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 54.9
8. **MSA FROM:** RW14L 2700

PBN REQUIREMENTS NOTE:

RNAV 1 - GPS.

NOTES:

CHART NOTE: RWY 14L HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON TOY VORTAC AIRWAY RADIALS 189 CW 282.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 HOLD E, RT, 283.48 INBOUND.
 CHART FAS OBST: 619 TREE 383336N/0895101W.
 CHART 759 WATER_TOWER 383536N/0895346W.
 CHART VDP AT 1.21 NM TO RW14L.
 WAAS CHANNEL # 58218
 REFERENCE PATH ID: W14A
 CHART: ASR.
 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.

CATEGORY:	A			B			C			D			E		
	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA									
LPV DA	694	4000	252	694	4000	252	694	4000	252	694	4000	252			
LNAV/VNAV DA	934	1 3/8	492	934	1 3/8	492	934	1 3/8	492	934	1 3/8	492			
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. CHANGED LPV DA/HAT FROM 642/200 TO 694/252. - UPDATED OBSTACLE DATABASE AND EVALUATION.
2. CHANGED CIRCLING CAT B MDA/HAA FROM 1080/621 TO 1120/66. - UPDATED OBSTACLE DATABASE AND EVALUATION.
3. CHANGED FAS DATA BLOCK VAL FROM 35 TO 50, FPAP LAT/LONG FROM 383210.5420N/0894834.0390W TO 383210.5400N/0894834.0360W AND CRC REMAINDER FROM 3FAB922A TO 3C7F076F. - LPV DA RAISED ABOVE 250 AND UPDATED AIRINC DATA.
4. DELETED ALL BACK UP ALTIMETER NOTES FROM 8260-3. - NO LONGER REQUIRED AND MOVED TO 8260-9 AS CONTINGENCY NOTE.
5. CHANGED 34 TO 1 FROM CLEAR TO NOT CLEAR AND ADDED 20 TO 1 IS CLEAR IN LINE 7. - UPDATED OBSTACLE DATABASE AND EVALUATION.
6. REMOVED DEGREES F FROM UNCOMPENSATED BARO-VNAV NOTE. - NO LONGER REQUIRED.
7. DELETED DME/DME RNP 0.3 NA NOTE AND ADDED RNAV 1 - GPS TO PBN REQUIREMENT NOTES. - UPDATED CRITERIA.
8. DELETED "*" LNAV ONLY" AND ASTERISK AT VDP. - NO LONGER REQUIRED.
9. ADDED CHART NOTE: RWY 14L HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED. - 34:1 PENETRATIONS REVEALED IN UPDATED EVALUATION.
10. UPDATED LNAV/VNAV VISIBILITY FROM 1 5/8 TO 1 3/8 - UPDATED VISIBILITY TABLES
11. UPADRED CA ALTITUDE FROM 642 TO 694- NEW LPV DA RAISES ALTITUDE

COORDINATED WITH:

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

FLIGHT CHECKED BY

SCOTT WIEBE

OFFICE

FPO

DATE

07/19/2022

Digitally signed by

DONALD E SMITH

Jul 20, 2022

DEVELOPED BY

STEVEN WINNER

Digitally signed by

STEVEN E WINNER

May 17, 2022

OFFICE

AJV-A413

DATE

04/28/2022

APPROVED BY

JULIE MORGAN

OFFICE

AJV-A410

DATE

TITLE
MANAGER

Digitally signed by

DONALD E SMITH

Jul 20, 2022



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	
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)	00054.9
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	3C7F076F

ADDITIONAL PATH POINT RECORD INFORMATION

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

