

**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</u> LIBERAL MID-AMERICA RGNL	<u>AIRPORT ID</u> KLBL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> LIBERAL	<u>STATE</u> KS	
<u>AIRPORT ELEVATION</u> 2886	<u>TDZE</u> 2880	<u>SUPERSEDED</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 01/08/2015	<u>MAG VAR</u> 6E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 JANUARY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 129/30 CW 309/30	NOPT	NULEE	IAF	4800
2. 309/30 CW 039/30		KIDME	IAF	4800
3. 039/30 CW 129/30		BUCAR	IAF	4800

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BUCAR	IAF	NULEE	NOPT	TF	FB	1.00	128.97	6.70	4800
KIDME	IAF	NULEE	NOPT	TF	FB	1.00	309.09	6.70	4800
NULEE	IF/IAF	JILEN		TF	FB	1.00	219.03	6.25	4600
JILEN	FAF	RW22	MAP	TF	FO	0.30	218.97	5.28	
RW22	MAP	3080 MSL		CA			218.97		
3080 MSL		PERDE		DF	FO	1.00			4800

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4800 DIRECT PERDE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
20
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLBL
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	370254.2565N
LTP/FTP LONGITUDE	1005732.2940W
LTP/FTP ELLIPSOIDAL HEIGHT	+08507
FPAP LATITUDE	370151.0780N
FPAP LONGITUDE	1005850.8675W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	4F422ACD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+08774
FPAP ORTHOMETRIC HEIGHT	+08774

