

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29										Bearings, headings, courses, 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 in feet RVR.									
TERMINAL ROUTES														MISSED APPROACH												
FROM				TO				COURSE AND DISTANCE				ALTITUDE		ILS: DA LOC: 3.74 NM AFTER BATOL LOM/INT												
														CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 215 AND AZO VOR/DME R-090 TO LEROY/AZO 9.42 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000, OR AS DIRECTED BY ATC.												
														ALTERNATE MA: CLIMB TO 1500 THEN CLIMBING LEFT TURN TO (SEE FORM 8260-10)												
														ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.43 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE BATOL LOM/INT, RT, 226.61 INBOUND. FAS OBST: 1140 AAO 422115N/0851049W 1170 AAO 422216N/0850909W CHART: ASR. CHART CIRCLING ICON. CHART IN PLANVIEW: (CFVNZ) AT 422611.60N/0850527.74W												
1. PT <u>L</u> SIDE OF COURSE <u>046.61</u> OUTBOUND <u>2600</u> FT WITHIN <u>10</u> MILES OF <u>BATOL LOM</u> (IAF)																										
2.																										
3. FAC: <u>226.61</u> FAF: <u>BATOL LOM/INT</u> DIST FAF TO MAP: <u>3.74</u> THLD: <u>3.74</u>																										
4. MIN. ALT: <u>BATOL LOM/INT 2200</u>																										
5. DIST TO THLD FROM OM: <u>3.74</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>944</u>																										
6. MIN GS INCPT: <u>2200</u> GS ALT AT: <u>-</u> OM: <u>2172</u> MM: <u>-</u> IM: <u>-</u>																										
7. GS ANGLE: <u>2.98</u> TCH: <u>49.4</u>																										
8. MSA FROM: <u>BT LOM 3000</u>																										
MAG VAR: <u>4W</u> EPOCH YEAR: <u>1985</u>																										
MINIMUMS																										
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: <u>N A</u>			ILS: <u>STANDARD #</u>			LOC: <u>STANDARD @</u>													
CATEGORY <u>=====</u>		A			B			C			D			E												
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA											
S-ILS 23R**	1129	2400	200	1129	2400	200	1129	2400	200	1129	2400	200														
S-LOC 23R	1400	2400	471	1400	2400	471	1400	5000	471	1400	5000	471														
CIRCLING	1420	1	468	1460	1	508	1520	1 1/2	568	1520	2	568														
NOTES: CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. CHART NOTE: CIRCLING TO RWY 05R, 23L, 31 NA AT NIGHT. CHART NOTE: DME REQUIRED. CHART PLANVIEW NOTE: RADAR REQUIRED. (CONTINUED ON PAGE 2)																										
CITY AND STATE BATTLE CREEK, MI				ELEVATION: 952 TDZE: 929 AIRPORT NAME: W K KELLOGG				FACILITY IDENTIFIER: I-BTL		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 23R, AMDT 19 15 SEPTEMBER 2016						SUP: AMDT: 18A DATED 04/02/2015										

**ILS - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29**

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**MISSED APPROACH INSTRUCTIONS, (CONT.):**

**3000 DIRECT BATOL LOM/INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.**

**NOTES, (CONT.):**

**CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRAND RAPIDS ALTIMETER SETTING:**

**INCREASE DA TO 1236 FEET AND INCREASE ALL MDA 120 FEET. INCREASE S-LOC 23R CATS C/D VISIBILITY TO 1 1/4 SM, CIRCLING CAT C VISIBILITY TO 2 SM AND CAT D VISIBILITY TO 2 1/4 SM.**

**CHART NOTE: FOR INOPERATIVE ALS INCREASE S-LOC 23R CAT C/D VISIBILITY TO 1 3/8 SM.**

**CHART NOTE: FOR INOPERATIVE ALS WHEN USING GRAND RAPIDS ALTIMETER SETTING, INCREASE S-ILS 23R ALL CATS VISIBILITY TO RVR 5000.**

CITY AND STATE

**BATTLE CREEK, MI****ELEVATION: 952****TDZE: 929**

AIRPORT NAME:

**W K KELLOGG**FACILITY  
IDENTIFIER:**I-BTL**

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

**ILS OR LOC RWY 23R, AMDT 19**

15 SEPTEMBER 2016

SUP:

AMDT: **18A**DATED: **04/02/2015**QUALITY  
23

CHECKED

## U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

## ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29

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ARINC SUMMARY - KBTL

## ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BATOL	010	BATOL	PI	FB		001.6	VIO		R			AA 02600		EE A
	010	CFVNZ	IF	FB			IBTL					AA 02600 GI 02200		E I
	020	BATOL	CF	FB		227.0	IBTL	2.98		BT		GI 02200 GS 02172		E F
	030	RW23R	CF	FO		227.0	IBTL	2.98				AT 00978		GY M
	040		CA	FB		226.6						AA 01500		M
	050		VI	FB		215.0								
	060	LEROY	CF	FO		270.4	AZO					AA 03000		EY
	070	LEROY	HM	FO		090.4			R			AA 03000		EE

## POINTS

POINT NAME	LATITUDE	LONGITUDE
AZO	N421413.14	W0853311.35
VIO	N424712.18	W0852949.45
LEROY	N421418.08	W0852030.25
BATOL	N422142.35	W0851102.72
CFVNZ	N422611.60	W0850527.74
IBTL (LOC)	N421737.22	W0851606.71
BT	N422143.24	W0851104.20

## RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW23R	N421857.37	W0851427.41	00928	49.4

QUALITY  
28  
CHECKED

CITY AND STATE <b>BATTLE CREEK, MI</b>	ELEVATION: <b>952</b> TDZE: <b>929</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: <b>W K KELLOGG</b>	<b>I-BTL</b>	<b>ILS OR LOC RWY 23R, AMDT 19</b>	AMDT: <b>18A</b>
			15 SEPTEMBER 2016	DATED: <b>04/02/2015</b>

## U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

## LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25

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ARINC SUMMARY - KBTL

## ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BATOL	010	BATOL	PI	FB		001.6	VIO		R			AA 02600		EE A
	010	CFVNZ	IF	FB			IBTL					AA 02600		E I
	020	BATOL	CF	FB		227.0	IBTL			BT		AA 02200		E F
	030	RW23R	CF	FO		227.0	IBTL	3.09				AT 00978		GY M
	040		CA	FB		226.6						AA 01500		M
	050		VI	FB		215.0								
	060	LEROY	CF	FO		270.4	AZO					AA 03000		EY
	070	LEROY	HM	FO		090.4			R			AA 03000		EE

## POINTS

POINT NAME	LATITUDE	LONGITUDE
AZO	N421413.14	W0853311.35
VIO	N424712.18	W0852949.45
LEROY	N421418.08	W0852030.25
BATOL	N422142.35	W0851102.72
CFVNZ	N422611.60	W0850527.74
IBTL (LOC)	N421737.22	W0851606.71
BT	N422143.24	W0851104.20

## RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW23R	N421857.37	W0851427.41	00928	49.4

QUALITY  
28  
CHECKED

CITY AND STATE <b>BATTLE CREEK, MI</b>	ELEVATION: <b>952</b> <b>TDZE: 929</b> AIRPORT NAME: <b>W K KELLOGG</b>	FACILITY IDENTIFIER:  <b>I-BTL</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>ILS OR LOC RWY 23R, AMDT 19</b>  15 SEPTEMBER 2016	SUP:
				AMDT: <b>18A</b>
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