

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: 5.05 MILES AFTER JATIN/I-CBF 6.12 DME OR AT I-CBF 1.07 DME FIX CLIMB TO 3000 THEN RIGHT TURN DIRECT OVR VORTAC AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 3000 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 298 AND SUX VORTAC R-150 TO ZATNA/SUX 50.00 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 284.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW ZATNA/SUX 50.00 DME, RT, 150.34 INBOUND. CHART FAS OBST: 1269 TREE 411512N/0954535W CHART VDP AT 1.79 DME* DISTANCE VDP TO THLD 0.72 MILES. *LOC ONLY. CHART (CFBZM) AT INTERSECTION OF IPALY DR LEG AND INTERMEDIATE COURSE. CHART IN PLANVIEW: ZATNA/SUX 50.00 DME. CHART CIRCLING ICON.											
OVR VORTAC	JATIN/I-CBF 6.12 DME	268.89 / 1.10	3000												
IPALY/OVR 15.00 DME (IAF)	WAMET/I-CBF 12.26 DME (NOPT)	041.53 / 5.31 (HDG) & 356.53 / 4.40 (I-CBF)	3000												
WAMET/I-CBF 12.26 DME (IF)	JATIN/I-CBF 6.12 DME	356.53 / 6.14 (I-CBF)	2900												
1. PT <u>L</u> SIDE OF COURSE <u>176.53</u> OUTBOUND <u>3000</u> FT WITHIN <u>10</u> MILES OF <u>JATIN</u> (IAF) 2. _____ 3. FAC: <u>356.53</u> FAF: <u>JATIN/I-CBF 6.12 DME</u> DIST FAF TO MAP: <u>5.05</u> THLD: <u>5.05</u> 4. MIN. ALT: <u>JATIN 2900, HODIN/I-CBF 2.77 DME 1760*</u> 5. DIST TO THLD FROM OM: <u>-</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>953</u> 6. MIN GS INCPT: <u>2900</u> GS ALT AT: <u>JATIN 2900</u> OM: <u>-</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>50.0</u> 8. MSA FROM: <u>OVR VORTAC 3900</u>				MAG VAR: 5E EPOCH YEAR: 2000											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N/A		ILS: STANDARD #		LOC: STANDARD @							
CATEGORY =====>	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 36	1445	3/4	200	1445	3/4	200	1445	3/4	200	1445	3/4	200			
S-LOC 36	1760	1	515	1760	1	515	1760	1 3/8	515	1760	1 3/8	515			
CIRCLING	1760	1	515	1840	1	595	1840	1 1/2	595	1880	2	635			
HODIN FIX MINIMUMS															
S-LOC 36	1520	1	275	1520	1	275	1520	1	275	1520	1	275			
CIRCLING	1700	1	455	1840	1	595	1840	1 1/2	595	1880	2	635			
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EPPLEY AIRFIELD ALTIMETER SETTING AND INCREASE ALL DA 52 FEET, AND ALL MDA 60 FEET AND INCREASE S-LOC 36 CATS C AND D AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE. HODIN FIX MINIMUMS: INCREASE CIRCLING CAT C AND D VISIBILITY 1/4 MILE. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 1245 TDZE: 1245		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
COUNCIL BLUFFS, IA		AIRPORT NAME:		I-CBF		ILS OR LOC RWY 36, AMDT 1				AMDT: ORIG					
		COUNCIL BLUFFS MUNI				13 NOVEMBER 2014				DATED		09/23/2010			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CHART NOTE: VDP NA WITH EPPLEY AIRFIELD ALTIMETER SETTING.

CHART PROFILE NOTE: USE I-CBF DME WHEN ON THE LOCALIZER COURSE.



CITY AND STATE COUNCIL BLUFFS, IA	ELEVATION: 1245	TDZE: 1245	FACILITY IDENTIFIER: I-CBF	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 36, AMDT 1 13 NOVEMBER 2014	SUP:
	AIRPORT NAME: COUNCIL BLUFFS MUNI	AMDT: ORIG			
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FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC PACKET - 424-18 - ILS

[illegible][illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	KCBFK3FI36	AIPALY	010IPALYK3EA0E	A	IF					18000		0	NS	
SUSAP	KCBFK3FI36	AIPALY	020CFBZMK3PC0E		TF				+	03000		0	NS	
SUSAP	KCBFK3FI36	AIPALY	030WAMETK3PC0EE	B	CF	ICBFK3	1765012335650044PI		+	03000		0	NS	
SUSAP	KCBFK3FI36	AOVR	010OVR K3D 0V		IF					18000		0	NS	
SUSAP	KCBFK3FI36	AOVR	020JATINK3PC0E		TF				+	03000		0	NS	
SUSAP	KCBFK3FI36	AOVR	030JATINK3PC0EE	AR	PI	OFF K3	0586007013150100D		+	03000		0	NS	
SUSAP	KCBFK3FI36	I	010WAMETK3PC0E	I	IF	ICBFK3	17650123	PI	J	030000290018000		0	NS	
SUSAP	KCBFK3FI36	I	020JATINK3PC0E	F	CF	ICBFK3	1765006135700061PI	H	0290002900		-300OVR	K3D	0	NS
SUSAP	KCBFK3FI36	I	030RW36 K3PG0GY	M	CF	ICBFK3	1765001135700051PI			01292	-300		0	NS
SUSAP	KCBFK3FI36	I	040	0	M	CA	3565		+	03000		0	NS	
SUSAP	KCBFK3FI36	I	050OVR K3D 0VY	R	DF				+	03000		0	NS	
SUSAP	KCBFK3FI36	I	060OVR K3D 0VE	R	HM		2840T010		+	03000		0	NS	

[illegible]

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

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	1	2	3	4	5	6	7	8	9	0	1	2	3
ILS	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KCBFK3IICBF1	011135RW36	N41161697W0954526353565N41152219W0954532601009	09530600300E00505001242										

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KCBFK3SOVR K3D	0	18018003925											M

CITY AND STATE
COUNCIL BLUFFS, IA

ELEVATION: 1245 TDZE: 1245
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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	IPALY	IPALY	010	IAF	IF		FB					
	IPALY	CFBZM	020		TF		FB				AA 03000	
	IPALY	WAMET	030		CF		FB		356.5 ()	004.4	AA 03000	
	OVR	OVR	010		IF		FB					
	OVR	JATIN	020		TF		FB				AA 03000	
	OVR	JATIN	030	IAF	PI	R	FB		131.5 ()	010.0	AA 03000	
		WAMET	010	FACF	IF		FB				AA 03000 GI 02900	
		JATIN	020	FAF	CF		FB		357.0 ()	006.1	GI 02900 GS 02900	
		RW36	030	MAP	CF		FO		357.0 ()	005.1	AT 01292	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		356.5 ()		AA 03000	
	OVR	050		DF	R	FO				AA 03000	
	OVR	060		HM	R	FO		284.0 ()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OFF (DME)	N410702.04	W0955400.04	N4107.034	W09554.001
	OVR	N411001.80	W0954412.67	N4110.030	W09544.211
	ICBF (DME)	N411616.98	W0954527.04	N4116.283	W09545.451
	IPALY	N405558.15	W0955106.92	N4055.969	W09551.115
	CFBZM	N405937.35	W0954601.59	N4059.623	W09546.027
	JATIN	N411009.70	W0954539.33	N4110.162	W09545.656
	WAMET	N410401.15	W0954552.32	N4104.019	W09545.872
	RW36	N411512.69	W0954528.62	N4115.212	W09545.477
	ICBF (LOC)	N411616.97	W0954526.35	N4116.283	W09545.439

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW36	01242		50

CITY AND STATE
COUNCIL BLUFFS, IA

ELEVATION: 1245 TDZE: 1245
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PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 36, AMDT 1
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ARINC PACKET - 424-18 - LOC

[illegible][illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KCBFK3FL36	AIPALY	010IPALYK3EA0E	A	IF					18000		0	NS
SUSAP	KCBFK3FL36	AIPALY	020CFBZMK3PC0E		TF				+ 03000			0	NS
SUSAP	KCBFK3FL36	AIPALY	030WAMETK3PC0EE	B	CF	ICBFK3	1765012335650044PI		+ 03000			0	NS
SUSAP	KCBFK3FL36	AOVR	010OVR K3D 0V		IF					18000		0	NS
SUSAP	KCBFK3FL36	AOVR	020JATINK3PC0E		TF				+ 03000			0	NS
SUSAP	KCBFK3FL36	AOVR	030JATINK3PC0EE	AR	PI	OFF K3	0586007013150100D		+ 03000			0	NS
SUSAP	KCBFK3FL36	L	010WAMETK3PC0E	I	IF	ICBFK3	17650123	PI	+ 03000	18000		0	NS
SUSAP	KCBFK3FL36	L	020JATINK3PC0E	F	CF	ICBFK3	1765006135700061PI		+ 02900		OVR K3D	0	NS
SUSAP	KCBFK3FL36	L	021HODINK3PC0E	S	CF	ICBFK3	1765002835700034PI		+ 01760	-301		0	NS
SUSAP	KCBFK3FL36	L	030RW36 K3PG0GY	M	CF	ICBFK3	1765001135700017PI		01292	-301		0	NS
SUSAP	KCBFK3FL36	L	040	0	M	CA	3565		+ 03000			0	NS
SUSAP	KCBFK3FL36	L	050OVR K3D 0VY	R	DF				+ 03000			0	NS
SUSAP	KCBFK3FL36	L	060OVR K3D 0VE	R	HM		2840T010		+ 03000			0	NS

[illegible]

CITY AND STATE
COUNCIL BLUFFS, IA

AIRPORT NAME:
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SUSAP KCBFK3GRW36 0055003565 N41151269W095452862-0200 +0351001242000050100IICBF1

[illegible]

SUSAP KCBFK3IICBF1 0111358W36 N41161697W0954526353565N41152219W0954532601009 09530600300E00505001242

[illegible]

SUSAP KCBFK3SOVR K3D 0 18018003925 M

SUP:	
AMDT:	ORIG
DATED:	09/23/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	IPALY	IPALY	010	IAF	IF		FB					
	IPALY	CFBZM	020		TF		FB				AA 03000	
	IPALY	WAMET	030		CF		FB		356.5 ()	004.4	AA 03000	
	OVR	OVR	010		IF		FB					
	OVR	JATIN	020		TF		FB				AA 03000	
	OVR	JATIN	030	IAF	PI	R	FB		131.5 ()	010.0	AA 03000	
		WAMET	010	FACF	IF		FB				AA 03000	
		JATIN	020	FAF	CF		FB		357.0 ()	006.1	AA 02900	
		HODIN	021	SDF	CF		FB		357.0 ()	003.4	AA 01760	
		RW36	030	MAP	CF		FO		357.0 ()	001.7	AT 01292	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		356.5 ()		AA 03000	
	OVR	050		DF	R	FO				AA 03000	
	OVR	060		HM	R	FO		284.0 ()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OFF (DME)	N410702.04	W0955400.04	N4107.034	W09554.001
	OVR	N411001.80	W0954412.67	N4110.030	W09544.211
	ICBF (DME)	N411616.98	W0954527.04	N4116.283	W09545.451
	IPALY	N405558.15	W0955106.92	N4055.969	W09551.115
	CFBZM	N405937.35	W0954601.59	N4059.623	W09546.027
	HODIN	N411330.67	W0954532.23	N4113.511	W09545.537
	JATIN	N411009.70	W0954539.33	N4110.162	W09545.656
	WAMET	N410401.15	W0954552.32	N4104.019	W09545.872
	RW36	N411512.69	W0954528.62	N4115.212	W09545.477
	ICBF (LOC)	N411616.97	W0954526.35	N4116.283	W09545.439

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	01242	50

CITY AND STATE
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