



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FEDES/1.60 NM TO RW18	RW18 (MAP) (FO)	176.53 / 1.60	
RW18 (MAP)	1491 MSL	176.53	
1491 MSL	WAMET (FO)		3000

NOTES, (CONT.):

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 LPV ALL CATS VISIBILITY 1/4 MILE, LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE AND LNAV CAT C AND D AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON OVR VORTAC AIRWAY RADIALS 276 CW 072.

QUALITY  
6  
CHECKED

CITY AND STATE

COUNCIL BLUFFS, IA

ELEVATION: 1245

TDZE: 1241

AIRPORT NAME:

COUNCIL BLUFFS MUNI

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, AMDT 1

13 NOVEMBER 2014

SUP:

AMDT: ORIG

DATED: 04/10/2008

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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.

**FAS DATA BLOCK INFORMATION****DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCBF
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	411607.0100N
LTP/FTP LONGITUDE	0954526.7030W
LTP/FTP ELLIPSOIDAL HEIGHT	+03476
FPAP LATITUDE	411437.8935N
FPAP LONGITUDE	0954529.8560W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER**

9C5990F0

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03752
FPAP ORTHOMETRIC HEIGHT	+03752

QUALITY  
&  
CHECK

CITY AND STATE COUNCIL BLUFFS, IA	ELEVATION: 1245      TDZE: 1241 AIRPORT NAME: COUNCIL BLUFFS MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 13 NOVEMBER 2014	SUP:
				AMDT:      ORIG
				DATED:      04/10/2008

## **RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

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.

ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KCBFK3FR18	AGLENE	010	GLENEK3EA0E	IF					18000		A	JS
SUSAP	KCBFK3FR18	AGLENE	020	YUFZUK3EA0E	A 020TF	26610047	+	03000				A	JS
SUSAP	KCBFK3FR18	AGLENE	030	IPOREK3EA0EE	B 010TF	26660064	+	03000				A	JS
SUSAP	KCBFK3FR18	AOVR	010	OVR K3D 0V	IF					18000		A	JS
SUSAP	KCBFK3FR18	AOVR	020	IPOREK3EA0EY	020TF	35290173	+	03000				A	JS
SUSAP	KCBFK3FR18	AOVR	030	IPOREK3EA0EE	AR HF	17650040	+	03000				A	JS
SUSAP	KCBFK3FR18	AZISIX	010	ZISIXK3EA0E	A IF					18000		A	JS
SUSAP	KCBFK3FR18	AZISIX	020	IPOREK3EA0EE	B 010TF	09790065	+	03000				A	JS
SUSAP	KCBFK3FR18	R	010	IPOREK3EA0E	I IF		+	03000		18000		A	JS
SUSAP	KCBFK3FR18	R	020	HODERK3EA1E	F 051TF	17650061	+	02900			RW18 K3PGA	JS	
SUSAP	KCBFK3FR18	R	020	HODERK3EA2WALPV		ALNAV/VNAV	ALNAV					JS	
SUSAP	KCBFK3FR18	R	021	FEDESK3EA0E	S 031TF	17650035	V	0178001786		-300		A	JS
SUSAP	KCBFK3FR18	R	030	RW18 K3PGOGY	M 031TF	17650016		01276		-300		A	JS
SUSAP	KCBFK3FR18	R	040		0 M CA	1765	+	01491				A	JS
SUSAP	KCBFK3FR18	R	050	WAMETK3EA0EY	DF		+	03000				A	JS
SUSAP	KCBFK3FR18	R	060	WAMETK3EA0EE	R HM	35650040	+	03000				A	JS

[illegible]

CITY AND STATE  
COUNCIL BLUFFS, IA

ELEVATION: 1245	TDZE: 1241
AIRPORT NAME: COUNCIL BLUFFS MUNI	

FACILITY IDENTIFIER:  
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
**RNAV (GPS) RWY 18, AMDT 1**  
 13 NOVEMBER 2014

SUP:	
AMDT:	ORIG
DATED:	04/10/2008

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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.

SUSAP KCBFK3GRW18 0055001765 N41160701W095452670+0200 +0347601231000045100R

	1	2	3	4	5	6	7	8	9	0	1	2	3	
PP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012													
-----														
SUSAP KCBFK3PR18	RW18	001	0000W18A0N4116070100W09545267030+034760300N4114378935W09545298560106751072000450F4005009C5990F0											
SUSAP KCBFK3PR18	RW18	002E	+03752+03752LPV	42806										

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
-----													
SUSAP KCBFK3SRW18	K3PG	0	18018003925										

QUALITY  
6  
CHECKED

CITY AND STATE COUNCIL BLUFFS, IA	ELEVATION: 1245	TDZE: 1241	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 13 NOVEMBER 2014	SUP:
	AIRPORT NAME: COUNCIL BLUFFS MUNI				AMDT: ORIG
					DATED: 04/10/2008

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GLENE	GLENE	010		IF		FB					
	GLENE	YUFZU	020	IAF	TF		FB	2.0	266.1 (271.1T)	004.7	AA 03000	
	GLENE	IPORE	030		TF		FB	1.0	266.6 (271.6T)	006.4	AA 03000	
	OVR	OVR	010		IF		FB					
	OVR	IPORE	020		TF		FO	2.0	352.9 (357.9T)	017.3	AA 03000	
	OVR	IPORE	030	IAF	HF	R	FO		176.5 (181.5T)	004.0	AA 03000	
	ZISIX	ZISIX	010	IAF	IF		FB					
	ZISIX	IPORE	020		TF		FB	1.0	097.9 (102.9T)	006.5	AA 03000	
		IPORE	010	FACF	IF		FB				AA 03000	
		HODER	020	FAF	TF		FB	0.5	176.5 (181.5T)	006.1	AA 02900	
		FEDES	021	SDF	TF		FB	0.3	176.5 (181.5T)	003.5	AA 01780	GS 01786
		RW18	030	MAP	TF		FO	0.3	176.5 (181.5T)	001.6	AT 01276	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		176.5 (181.5T)		AA 01491	
	WAMET	050		DF		FO				AA 03000	
	WAMET	060		HM	R	FO		356.5 (001.5T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OVR	N411001.80	W0954412.67	N4110.030	W09544.211
	FEDES	N411743.03	W0954523.30	N4117.717	W09545.388
	GLENE	N412704.84	W0953017.94	N4127.081	W09530.299
	HODER	N412113.01	W0954515.86	N4121.217	W09545.264
	IPORE	N412720.87	W0954502.78	N4127.348	W09545.046
	WAMET	N410401.15	W0954552.32	N4104.019	W09545.872
	YUFZU	N412710.23	W0953629.10	N4127.171	W09536.485
	ZISIX	N412847.72	W0955325.78	N4128.795	W09553.430
	RW18	N411607.01	W0954526.70	N4116.117	W09545.445

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	01231	45



CITY AND STATE <b>COUNCIL BLUFFS, IA</b>	ELEVATION: <b>1245</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 18, AMDT 1</b> <b>13 NOVEMBER 2014</b>	SUP:
	AIRPORT NAME: <b>COUNCIL BLUFFS MUNI</b>			AMDT: <b>ORIG</b>
				DATED: <b>04/10/2008</b>