

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.								
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION												
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW18 CLIMB TO 4000 DIRECT FONIE AND HOLD, CONTINUE CLIMB IN HOLD TO 4000. ADDITIONAL FLIGHT DATA: HOLD S, RT, 357.91 INBOUND. CHART FAS OBST: 990 TK 381920N/0941959W DISTANCE TO THLD FROM 332 HATH: 0.93 NM. WAAS CHANNEL # 82630 REFERENCE PATH ID: W18A LTP HAE: 233.2 M								
BUM VORTAC	ANIFO (FB)	004.21 / 11.69	3000									
ANIFO (IAF)	LADSY (NOPT) (FB)	087.84 / 5.66	3000									
INRAM (IAF)	LADSY (NOPT) (FB)	177.92 / 11.21	3000									
LADSY (IF/IAF)	REMDY (FB)	177.91 / 5.00	2500									
REMDY (FAF)	FABUV/2.50 NM TO RW18 (FB)	177.91 / 2.50										
FABUV/2.50 NM TO RW18 (SEE FORM 8260-10)	RW18 (MAP) (FO)	177.91 / 2.50										
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N LADSY, RT, 177.91 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>177.91</u> FAF: <u>REMDY</u> DIST FAF TO MAP: <u>5.00</u> THLD: <u>5.00</u> 4. MIN. ALT: LADSY 3000, REMDY 2500, FABUV/2.50 NM TO RW18 1700* 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> </u> 6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>REMDY 2500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>37.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW18 2900</u>				MAG VAR: 4E EPOCH YEAR: 1995								
MINIMUMS												
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A X								
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
LPV DA	1203	1 1/8	332	1203	1 1/8	332	NA		NA			
LNAV/VNAV DA	1203	1 1/8	332	1203	1 1/8	332	NA		NA			
LNAV MDA	1340	1	469	1340	1	469	NA		NA			
CIRCLING	1420	1	526	1520	1	626	NA		NA			
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: USE CLINTON ALTIMETER SETTING; WHEN NOT RECEIVED, USE CHARLES B. WHEELER DOWNTOWN ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE. (SEE FORM 8260-10)												
CITY AND STATE		ELEVATION: 894 THRE: 871		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
BUTLER, MO		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 18, ORIG 10 JANUARY 2013			AMDT: NONE			
		BUTLER MEMORIAL							DATED			

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RNAV - STANDARD
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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW18 (MAP)	1203 MSL	177.91	
1203 MSL	FONIE (FO)		4000

NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BUM VORTAC AIRWAY RADIALS 309 CW 085.

*LNAV ONLY

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FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBUM
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	381742.9190N
LTP/FTP LONGITUDE	0942023.6170W
LTP/FTP ELLIPSOIDAL HEIGHT	+02332
FPAP LATITUDE	381613.7800N
FPAP LONGITUDE	0942027.3900W
THRESHOLD CROSSING HEIGHT (TCH)	00037.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

C95C7EBB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02654
FPAP ORTHOMETRIC HEIGHT	+02654

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KBUMK3FR18	ABUM	010BUM	K3D OV	IF						18000		A JS	
SUSAP KBUMK3FR18	ABUM	020ANIFOK3EA0E	A	020TF		00420117	+	03000				A JS	
SUSAP KBUMK3FR18	ABUM	030LADSYK3EA0EE	B	010TF		08780057	+	03000				A JS	
SUSAP KBUMK3FR18	AINRAM	010INRAMK3EA0E	A	IF						18000		A JS	
SUSAP KBUMK3FR18	AINRAM	020LADSYK3EA0EE	B	010TF		17790112	+	03000				A JS	
SUSAP KBUMK3FR18	ALADSY	010LADSYK3EA0EE	AR	HF		17790040	+	03000		18000		A JS	
SUSAP KBUMK3FR18	R	010LADSYK3EA0E	I	IF			+	03000		18000		A JS	
SUSAP KBUMK3FR18	R	020REMDYK3EA1E	F	051TF		17790050	+	02500			RW18	K3PGA	JS
SUSAP KBUMK3FR18	R	020REMDYK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KBUMK3FR18	R	021FABUVK3EA0E	S	031TF		17790025	V	0170001703		-300		A JS	
SUSAP KBUMK3FR18	R	030RW18	K3PGOGY	M	031TF	17790025		00908		-300		A JS	
SUSAP KBUMK3FR18	R	040	0	M	CA	1779	+	01203				A JS	
SUSAP KBUMK3FR18	R	050FONIEK3EA0EY		DF			+	04000				A JS	
SUSAP KBUMK3FR18	R	060FONIEK3EA0EE	R	HM		35790040	+	04000				A JS	

[illegible]

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ARINC SUMMARY - 424-18 - RNAV (GPS)

RCUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BUM	BUM	010		IF		FB					
	BUM	ANIFO	020	IAF	TF		FB	2.0	004.2(008.2T)	011.7	AA 03000	
	BUM	LADSY	030		TF		FB	1.0	087.8(091.8T)	005.7	AA 03000	
	INRAM	INRAM	010	IAF	IF		FB					
	INRAM	LADSY	020		TF		FB	1.0	177.9(181.9T)	011.2	AA 03000	
	LADSY	LADSY	010	IAF	HF	R	FO		177.9(181.9T)	004.0	AA 03000	
		LADSY	010	FACF	IF		FB				AA 03000	
		REMDY	020	FAF	TF		FB	0.5	177.9(181.9T)	005.0	AA 02500	
		FABUV	021	SDF	TF		FB	0.3	177.9(181.9T)	002.5	AA 01700	GS 01703
		RW18	030	MAP	TF		FO	0.3	177.9(181.9T)	002.5	AT 00908	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		177.9(181.9T)		AA 01203	
	FONIE	050		DF		FO				AA 04000	
	FONIE	060		HM	R	FO		357.9(001.9T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BUM	N381619.49	W0942917.74	N3816.325	W09429.296
	ANIFO	N382754.33	W0942710.30	N3827.906	W09427.172
	FABUV	N382013.00	W0942017.27	N3820.217	W09420.288
	FONIE	N380607.87	W0942052.96	N3806.131	W09420.883
	INRAM	N383855.91	W0941929.49	N3838.932	W09419.492
	LADSY	N382743.22	W0941958.16	N3827.720	W09419.969
	REMDY	N382243.08	W0942010.90	N3822.718	W09420.182
	RW18	N381742.92	W0942023.62	N3817.715	W09420.394

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW18	00871		37

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