

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
BUM VORTAC	FONIE (FO)	142.88 / 12.15	4000	LPV: DA LNAV/VNAV: DA LNAV: RW36
DIZZI (IAF)	FONIE (NOPT) (FB)	021.35 / 13.94	4000	
STARE (IAF)	FONIE (NOPT) (FB)	293.25 / 8.51	4000	CLIMB TO 3000 DIRECT LADSY AND HOLD.
FONIE (IF/IAF)	CEKBO (FB)	357.91 / 5.99	2500	
CEKBO (FAF)	RW36 (MAP) (FO)	357.91 / 4.93		ADDITIONAL FLIGHT DATA: HOLD N, RT, 177.91 INBOUND. CHART FAS OBST: 1293 TOWER 381437N/0942052W DISTANCE TO THLD FROM 332 HATH: 0.93 NM. WAAS CHANNEL # 90530 REFERENCE PATH ID: W36A LTP HAE: 240 M
RW36 (MAP)	1225 MSL	357.91		
1225 MSL	LADSY (FO)		3000	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD S FONIE, RT, 357.91 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 357.91 FAF: CEKBO DIST FAF TO MAP: 4.93 THLD: 4.93
4. MIN. ALT: FONIE 4000, CEKBO 2500
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2500 GS ALT AT: CEKBO 2500 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 35.9 34:1 IS NOT CLEAR
8. MSA FROM: RW36 2900

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	DH/MDA	VIS	HAT/HAA
LPV DA	1225	1 1/8	332	1225	1 1/8	332		NA			NA				
LNAV/VNAV DA	1522	2 1/4	629	1522	2 1/4	629		NA			NA				
LNAV MDA	1640	1	747	1640	1 1/4	747		NA			NA				
CIRCLING	1640	1	746	1640	1 1/4	746		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 BUTLER, MO	ELEVATION: 894 THRE: 893 AIRPORT NAME: BUTLER MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG 10 JANUARY 2013	SUP:
				AMDT: NONE
				DATED

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RNAV - STANDARD
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NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BUM VORTAC AIRWAY RADIALS 085 CW 200.

CITY AND STATE

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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 RW36
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W36A
LTP/FTP LATITUDE 381703.4075N
LTP/FTP LONGITUDE 0942025.2945W
LTP/FTP ELLIPSOIDAL HEIGHT +02400
FPAP LATITUDE 381832.5500N
FPAP LONGITUDE 0942021.5200W
THRESHOLD CROSSING HEIGHT (TCH) 00035.9
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

4A9388A1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +02721
FPAP ORTHOMETRIC HEIGHT +02721

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KBUMK3FR36	ABUM	010BUM	K3D	0V	IF					18000		A	JS
SUSAP KBUMK3FR36	ABUM	020FONIEK3EA0EY		020TF			14290122	+	04000			A	JS
SUSAP KBUMK3FR36	ABUM	030FONIEK3EA0EE	AR	HF			35790040	+	04000			A	JS
SUSAP KBUMK3FR36	ADIZZI	010DIZZIK3EA0E	A	IF						18000		A	JS
SUSAP KBUMK3FR36	ADIZZI	020FONIEK3EA0EE	B	010TF			02140139	+	04000			A	JS
SUSAP KBUMK3FR36	ASTARE	010STAREK3EA0E	A	IF						18000		A	JS
SUSAP KBUMK3FR36	ASTARE	020FONIEK3EA0EE	B	010TF			29330085	+	04000			A	JS
SUSAP KBUMK3FR36	R	010FONIEK3EA0E	I	IF				+	04000	18000		A	JS
SUSAP KBUMK3FR36	R	020CEKBOK3EA1E	F	051TF			35790060	+	02500		RW36	K3PGA	JS
SUSAP KBUMK3FR36	R	020CEKBOK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KBUMK3FR36	R	030RW36	K3PGOGY	M	031TF		35790049		00929	-300		A	JS
SUSAP KBUMK3FR36	R	040		0	M	CA	3579	+	01225			A	JS
SUSAP KBUMK3FR36	R	050LADSYK3EA0EY		DF				+	03000			A	JS
SUSAP KBUMK3FR36	R	060LADSYK3EA0EE	R	HM			17790040	+	03000			A	JS

[illegible][illegible]

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SUSAP KBUMK3PR36	RW36	001	0000W36A0N3817034075W09420252945+024000300N3818325500W09420215200106751528000359F4005004A9388A1
SUSAP KBUMK3PR36	RW36	002E	+02721+02721LPV 90530

[illegible]

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
BUM		BUM	010		IF		FB					
BUM		FONIE	020		TF		FO	2.0	142.9 (146.9T)	012.2	AA 04000	
BUM		FONIE	030	IAF	HF	R	FO		357.9 (001.9T)	004.0	AA 04000	
DIZZI		DIZZI	010	IAF	IF		FB					
DIZZI		FONIE	020		TF		FB	1.0	021.4 (025.4T)	013.9	AA 04000	
STARE		STARE	010	IAF	IF		FB					
STARE		FONIE	020		TF		FB	1.0	293.3 (297.3T)	008.5	AA 04000	
		FONIE	010	FACF	IF		FB				AA 04000	
		CEKBO	020	FAF	TF		FB	0.5	357.9 (001.9T)	006.0	AA 02500	
		RW36	030	MAP	TF		FO	0.3	357.9 (001.9T)	004.9	AT 00929	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		357.9 (001.9T)		AA 01225	
	LADSY	050		DF		FO				AA 03000	
	LADSY	060		HM	R	FO		177.9 (181.9T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BUM	N381619.49	W0942917.74	N3816.325	W09429.296
	CEKBO	N381207.21	W0942037.81	N3812.120	W09420.630
	DIZZI	N375331.34	W0942826.63	N3753.522	W09428.444
	FONIE	N380607.87	W0942052.96	N3806.131	W09420.883
	LADSY	N382743.22	W0941958.16	N3827.720	W09419.969
	STARE	N380214.08	W0941117.58	N3802.235	W09411.293
	RW36	N381703.41	W0942025.29	N3817.057	W09420.422

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00893	36

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