

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										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW36 CLIMB TO 3000 DIRECT FEXUT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 178.32 INBOUND. CHART FAS OBST: 1275 TOWER 363111N/0950002W DISTANCE TO THLD FROM 289 HAT: 0.78 NM. WAAS CHANNEL # 69239 REFERENCE PATH ID: W36A CHART CIRCLING ICON. CHART GROVE MUNI AWOS-3 LTP HAE: 208.3 M							
OMB AE (IF/IAF)		JONAB (FB)		358.32 / 6.00				2500									
JONAB (FAF)		RW36 (MAP) (FO)		358.32 / 5.28													
RW36 (MAP)		1068 MSL		358.32				3000									
1068 MSL		FEXUT (FO)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S OMB AE, RT, 358.32 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 358.32 FAF: JONAB DIST FAF TO MAP: 5.28 THLD: 5.28 4. MIN. ALT: OMB AE 3000, JONAB 2500 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2500 GS ALT AT: JONAB 2500 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 8. MSA FROM: _____										MAG VAR: 2E		EPOCH YEAR: 2020					
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		<input checked="" type="checkbox"/>					
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	1068	1	289	1068	1	289	1068	1	289		NA						
LNAV/VNAV DA	1635	3	856	1635	3	856	1635	3	856		NA						
LNAV MDA	1540	1	761	1540	1 1/4	761	1540	2 1/2	761		NA						
CIRCLING	1540	1	757	1620	1 1/4	837	1620	2 1/2	837		NA						
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: CIRCLING RWY 18 NA AT NIGHT. (CONTINUED ON PAGE 2)																	
CITY AND STATE		ELEVATION: 783 TDZE: 779				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
KETCHUM, OK		AIRPORT NAME: SOUTH GRAND LAKE RGNL						RNAV (GPS) RWY 36, ORIG 21 JULY 2016				AMDT: 4					
												DATED:					

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

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NOTES, (CONT.):

CHART NOTE: USE GROVE ALTIMETER SETTING; WHEN NOT RECEIVED, USE CLAREMORE ALTIMETER SETTING:
INCREASE LPV DA TO 1099 FEET AND ALL VISIBILITIES 1/8 MILE, LNAV/VNAV DA TO 1666 FEET AND ALL
VISIBILITIES 1 MILE; INCREASE ALL MDA 40 FEET.

TAA	FROM	TO	ALT
1.	268/30 CW 088/30 (NOPT)	OMBAE (IF/IAF) (FB)	3000
2.	088/30 CW 268/30	OMBAE (IF/IAF) (FO)	3000

CITY AND STATE
KETCHUM, OK

ELEVATION: 783 **TDZE: 779**
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FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 36, ORIG
21 JULY 2016

SUP: **4**
AMDT: **NONE**
DATED:

QUALITY
CHECKED

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	1K8
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	363227.7510N
LTP/FTP LONGITUDE	0950048.8055W
LTP/FTP ELLIPSOIDAL HEIGHT	+02083
FPAP LATITUDE	363356.9705N
FPAP LONGITUDE	0950048.1880W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 E15F6CA2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02374
FPAP ORTHOMETRIC HEIGHT	+02374

CITY AND STATE
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FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 36, ORIG
21 JULY 2016

SUP: ^{QUALITY} 4
AMDT: ^{CHECKED} NONE
DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - 1K8

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
OMBAE	010	OMBAE	HF	FO		358.3			R			AA 03000		EE A
	010	OMBAE	IF	FB								AA 03000		E I
	020	JONAB	TF	FB	1.0	358.3						AA 02500		E F
	030	RW36	TF	FO	0.3	358.3		3.00				AT 00819		GY M
	040		CA	FB		358.3						AA 01068		M
	050	FEXUT	DF	FO								AA 03000		EY
	060	FEXUT	HM	FO		178.3		R				AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
FEXUT	N364423.43	W0950043.84
JONAB	N362710.61	W0950051.00
OMBAE	N362110.12	W0950053.48

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW36	N363227.75	W0950048.81	00779	40

CITY AND STATE
KETCHUM, OK

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SOUTH GRAND LAKE RGNL

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RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 36, ORIG
 21 JULY 2016

SUP:
 AMDT: **NONE**
 DATED:

QUALITY
 10
 CHECKED