

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
OWP	RNAV (GPS) RWY 17	1A	SAND SPRINGS	OK		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
892	889	RNAV (GPS) RWY 17	1	12/26/2024	2E	2025
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV			ROUTINE			

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
TUL VORTAC		ZADNO		TF	FB	1.00	306.01	17.22	3500
MANON		YEKNU		TF	FB	1.00	121.42	14.98	3500
ZADNO	IAF	WEDAX	NOPT	TF	FB	1.00	263.44	5.00	2800
YEKNU	IAF	WEDAX	NOPT	TF	FB	1.00	083.32	5.00	2800
WEDAX	IF/IAF	BLANY		TF	FB	1.00	173.37	6.40	2400
BLANY	FAF	RW17	MAP	TF	FO	0.30	173.39	4.60	
RW17	MAP	1139 MSL		CA			173.39		
1139 MSL		ACERT		DF	FO	1.00			2800

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2800 DIRECT ACERT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
OWP	RNAV (GPS) RWY 17	1A	SAND SPRINGS	OK

PROFILE:									
1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)				
2.	HOLD N WEDAX, RT, 173.37 INBOUND, 2800 IN LIEU OF PT (IAF), MAX 6000.								
3. FAC:	173.39	FAF: BLANY	DIST FAF TO MAP:	4.60	DIST FAF TO THLD:	4.60			
4. MIN ALT:	WEDAX 2800, BLANY 2400								
5. DIST TO THLD FROM OM:		MM:	IM:	150 HAT:	250 HAT:	0.64	GS ANT:		
6. MIN GP INCPT:	2400	GP ALT AT PFAF:	BLANY 2400		OM:		MM:		IM:
7. GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	45.0		
8. MSA FROM:	RW17 3600								

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON TUL VORTAC AIRWAY RADIALS 222 CW 310.
CHART NOTE: CIRCLING NA FOR CAT C E OF RWY 17-35.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TUL ALTIMETER SETTING: INCREASE LPV DA TO 1206 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 1443 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/2 SM.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING TUL ALTIMETER SETTING.
CHART SPEED ICON IN PLANVIEW AT ZADNO: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT YEKNU: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 353.40 INBOUND.
FAS OBST: 1204 AAO 361433N/0960848W.
CHART VDP AT 1.69 NM TO RW17.
WAAS CHANNEL # 56248
REFERENCE PATH ID: W17A
LTP HAE: 242.3 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1139	3/4	250	1139	3/4	250	1139	3/4	250		NA				
LNAV/VNAV DA	1376	1 3/8	487	1376	1 3/8	487	1376	1 3/8	487		NA				
LNAV MDA	1460	1	571	1460	1	571	1460	1 5/8	571		NA				
CIRCLING	1460	1	568	1460	1	568	1560	1 3/4	668		NA				



<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
OWP	RNAV (GPS) RWY 17	1A	SAND SPRINGS	OK

CHANGES - REASONS

1. NOTES: CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT TUL VORTAC ON AIRWAY RADIALS 253 CW 358" TO "PROCEDURE NA FOR ARRIVALS ON TUL VORTAC AIRWAY RADIALS 222 CW 310" – IAW 8260.19K 8-2-5 E.
2. NOTES: CHANGED CHART NOTE FROM "CIRCLING NA FOR CAT C EAST OF RWY 17-35" TO "CIRCLING NA FOR CAT C E OF RWY 17-35" - IAW 8260.19K 8-6-12O(5)(D).
3. NOTES: CHANGED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TUL ALTIMETER SETTING AND INCREASE LPV DA TO 1206 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 1443 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TUL ALTIMETER SETTING: INCREASE LPV DA TO 1206 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 1443 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/2 SM" – NEW CIRCLING CAT C MINIMUM.
4. MINIMUMS: CHANGED CIRCLING CAT C MDA/HAA FROM "1460/568" TO "1560/668" AND VISIBILITY FROM "1 5/8" TO 1 3/4" – CANCEL NOTAM 4/0848.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZKC, TUL APP CON, AMGR

FLIGHT CHECKED BY

OFFICE DATE

DEVELOPED BY

RAKE MCGRAW (EMMANUEL R. GONZALES)

OFFICE DATE
AJV-A431 05/13/2026

APPROVED BY

RAKE MCGRAW

OFFICE DATE TITLE
AJV-A422 MANAGER



<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
OWP	RNAV (GPS) RWY 17	1A	SAND SPRINGS	OK

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOWP
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	361059.5750N
LTP/FTP LONGITUDE	0960909.4590W
LTP/FTP ELLIPSOIDAL HEIGHT	+02423
FPAP LATITUDE	360930.6365N
FPAP LONGITUDE	0960900.6270W
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	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 28053321

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02710
FPAP ORTHOMETRIC HEIGHT	+02710



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
OWP	RNAV (GPS) RWY 17	1A	SAND SPRINGS	OK	892	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM

TUL VORTAC

TO

ZADNO

RNP

1.00

DISTANCE

17.22

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	362345.00N/0960221.00W	1162	215	8	4B	1000				AT1338	3500
TERRAIN	362345.00N/0960221.00W	961 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FEEDER

FROM

MANON

TO

YEKNU

RNP

1.00

DISTANCE

14.98

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	363100.00N/0963151.00W	1319	215	8	4B	1000				AT1181	3500
TERRAIN	362909.00N/0963012.00W	1076 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
OWP	RNAV (GPS) RWY 17	1A	SAND SPRINGS	OK	892	RNAV

INITIAL
FROM
ZADNO

TO
WEDAX

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	5.00										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	362345.00N/0960221.00W	1162	215	8	4B	1000				AT638	2800
TERRAIN	362403.00N/0960812.00W	958 (1000)								AS1500	2500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL
FROM
YEKNU

TO
WEDAX

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	5.00										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	362121.00N/0961654.00W	1172	215	8	4B	1000				AT628	2800
TERRAIN	362027.00N/0961645.00W	944 (900)								AS1500	2400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
OWP	RNAV (GPS) RWY 17	1A	SAND SPRINGS	OK	892	RNAV

INTERMEDIATE
FROM
WEDAX (IF/IAF)

TO
BLANY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	6.40										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	361551.00N/0961009.00W	1195	215	8	4B	500				AT705	2400
TERRAIN	361603.00N/0961024.00W	994 (1000)								AS1000	2000

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV
FROM
BLANY

TO
RW17

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	4.60		DA				250				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (40-072905)	361103.25N/0960905.95W	913	20	3	1A		34.00:1				1139

COMPUTATIONS

ALTKIASKTASHAAVKTWTRBADTACOURSE CHANGEDVEBVEB OCSRF CENTER FIX/DISTANCE

SEGMENT REMARKS:



<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
OWP	RNAV (GPS) RWY 17	1A	SAND SPRINGS	OK	892	RNAV

FINAL: LNAV/VNAV

FROM

BLANY

TO

RW17

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	4.60		DA	487	

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	361206.00N/0960954.00W	1075	215	8	4B		23.36:1			AC8	1376

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

BLANY

TO

RW17

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	4.60		RW17	571	

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	361433.00N/0960848.00W	1204	215	8	4B	250					1460

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
OWP	RNAV (GPS) RWY 17	1A	SAND SPRINGS	OK	892	RNAV

HOLD-IN-LIEU OF PT
FROM
WEDAX

TO
P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (40-001321)	362604.90N/0960810.60W	1248	500	50	5D	1000				AT552	2800
TERRAIN	362936.00N/0961303.00W	1033 (1000)								AS1500	2500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LPV
FROM
DA

TO
ACERT

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u> 952		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2800
AAO	360600.00N/0960918.00W	1195	215	8	4B	1000				AT605	2800
TERRAIN	361215.00N/0960930.00W	1026 (1000)								AS1500	2500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FACILITY

RNAV

ACERT

HMAS
1226

RF CENTER FIX/DISTANCE

ACERT

HMAS
1360

RF CENTER FIX/DISTANCE

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<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
OWP	RNAV (GPS) RWY 17	1A	SAND SPRINGS	OK	892	RNAV

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
CATEGORY A											
TREE	361206.00N/0960954.00W	1.30	568	1075	215	8	4B	300		SI	1460
CATEGORY B											
TREE (40-073244)	361243.54N/0960910.35W	1.84	568	1075	20	3	1A	300		SI	1460
CATEGORY C											
TOWER (40-101834)	361053.08N/0961240.50W	2.89	668	1248	20	3	1A	300			1560

CIRCLING REMARKS:

MSA

CENTER

RADIUS

RW17

25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	TOWER (40-001117)	360114.90N/0954031.80W	111	25.2	2549	250	50	4D	1000			3600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:
PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
TUL APP CON, MLC FSS, ZKC ARTCC

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
AWOS-3T	OWP	24	OWP		Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	TUL	24	TUL	12.85	Y	67

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KOWP 892, KTUL 639
RA = 66.2.



<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
OWP	RNAV (GPS) RWY 17	1A	SAND SPRINGS	OK	892	RNAV

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW17 - MIRL (PCL), PAPI-4L		NPI-G	
RW35 - ODALS (PCL), MIRL (PCL), PAPI-4L		NPI-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	889.0	45.0			3.00	31.4

<u>FINAL APPROACH COURSE AIMING</u>			
RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-16C	+54C	-16C	+13.23C

CRITICAL TEMPERATURE REMARKS:
 AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
 CRITICAL LOW TEMPERATURE BASED ON ACT.
 DESCENT RATE (FPM): STANDARD TEMP 828 HIGH TEMP 1177.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LPV, LNAV/VNAV, LNAV	
34:1		
904 TREE (40-072410) 361104.6900N/0960908.3500W (5.94)	901 TREE (40-072308) 361103.7900N/0960912.5200W (4.8)	
902 TREE (40-071536) 361105.0100N/0960907.6100W (3.13)	901 TREE (40-072354) 361104.8100N/0960908.0200W (2.65)	
900 TREE (40-073540) 361104.2500N/0960912.5500W (2.43)	902 TREE (40-073548) 361105.3600N/0960907.8400W (2.05)	
901 TREE (40-071814) 361105.1000N/0960908.5100W (1.69)	905 TREE (40-073382) 361106.9000N/0960907.8800W (0.48)	
<u>PENETRATIONS REMARKS:</u>		



AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
OWP	RNAV (GPS) RWY 17	1A	SAND SPRINGS	OK	892	RNAV

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

AVERAGE VEGETATION HEIGHT IS 90 FEET.

TAA NOT DEVELOPED PER ATC REQUEST.

CIRCLING NA FOR CAT C EAST OF RWY 17-35 - 2303 FT ANTENNA (40-074094) 361146.52N/0960552.96W (AC 1B) WHICH WOULD RAISE CAT C CIRCLING MDA TO 2620 WHICH IS ABOVE THE FAF ALTITUDE OF 2600.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.35
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	175.39
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1000
DISTANCE FROM	THLD	TO 1500FT POINT	10.40
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	175.37
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1000

THRESHOLD COORDINATES (IF STR-IN)	361059.58N/0960909.46W
ARP COORDINATES	361031.00N/0960906.60W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 35 DISTANCE 0.48 NM
FAF COORDINATES	361535.28N/0960936.87W
FIX NAME COORDINATES	

REMARKS

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
OWP	RNAV (GPS) RWY 17	1A	SAND SPRINGS	OK	892	RNAV

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
RAKE MCGRAW (EMMANUEL R. GONZALES)	AJV-A431	05/13/2026	AERONAUTICAL INFORMATION SPECIALIST

