

**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> KSWO	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> STILLWATER	<u>STATE</u> OK		
<u>AIRPORT ELEVATION</u> 1000	<u>TDZE</u> 966	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 04/26/2018	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MAY 2022	<u>REQUIRED EFFECTIVE DATE</u> 05/19/2022	<u>CANCEL/SUSPEND</u>		

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>
TRUMP	IAF	ESCOM	NOPT	TF	FB	1.00	044.74	11.44	3000
TOTES	IAF	ESCOM	NOPT	TF	FB	1.00	332.92	13.61	3000
ESCOM	IF/IAF	BADIC		TF	FB	1.00	354.49	5.99	2600
BADIC	FAF	CUGAC/2.00 NM TO RW35		TF	FB	0.30	354.49	3.01	
CUGAC/2.00 NM TO RW35		RW35	MAP	TF	FO	0.30	354.49	2.00	
RW35	MAP	1166 MSL		CA			354.49		
1166 MSL		ACOKO		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT ACOKO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD S ESCOM, RT, 354.49 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 8000.
3. FAF: 354.49FAF: BADICDIST FAF TO MAP: 5.01DIST FAF TO THLD: 5.01
4. MIN ALT: ESCOM 3000, BADIC 2600, CUGAC/2.00 NM TO RW35 1640
5. DIST TO THLD FROM FAF: 5.01MM:IM:150 HAT:200 HAT: 0.50GS ANT:
6. MIN GP INCPT: 2600GP ALT AT FAF : BADIC 2600OM:MM:IM:
7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 40.0
8. MSA FROM: RW35 3100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PONCA CITY ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TRUMP ON V354 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TOTES ON V14 SOUTHWEST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PONCA CITY ALTIMETER SETTING: INCREASE LPV DA TO 1246 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE LNAV/VNAV DA TO 1336 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CATS C/D 1/4, AND CIRCLING VISIBILITY CAT D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 174.49 INBOUND.
CHART FAS OBST: 1124 TOWER (40-002515) 360750N/0970547W.
CHART VDP AT 1.22 NM TO RW35.
WAAS CHANNEL # 42633
REFERENCE PATH ID: W35A
CHART CIRCLING ICON.
LTP HAE: 266.2 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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	1166	3/4	200	1166	3/4	200	1166	3/4	200	1166	3/4	200			
LNAV/VNAV DA	1256	1	290	1256	1	290	1256	1	290	1256	1	290			
LNAV MDA	1380	1	414	1380	1	414	1380	1 1/8	414	1380	1 1/8	414			
CIRCLING	1460	1	460	1480	1	480	1540	1 1/2	540	1740	2 1/4	740			

CHANGES - REASONS

1. ALL CHANGES FROM PNOTAM AMENDMENTS 1A AND 1B HAVE BEEN INCORPORATED INTO THIS PROCEDURE. - 8260.19I 8-3-4-C (3).
2. PROFILE: LINE 2; ADDED MAX 8000. - IAW 8260.19I 8-6-7 B (2).
3. PROFILE: LINE 5; ADDED DIST TO THLD FROM FAF: 5.01 AND 200 HAT: 0.50. - IAW 8260.19I 8-6-7 E.
4. PROFILE: LINE 4; REMOVED "" FROM CUGAC DESCRIPTION. - IAW 8260.19I 1-1-5 F (12).
5. PROFILE: LINE 7; ADDED 20:1 IS CLEAR. - IAW 8260.19I 8-6-7 G (3) (A).
6. PBN REQUIREMENTS NOTE: CHANGED FROM RNP APCH TO RNP APCH-GPS. - IAW 8260.19I 8-6-8 B (2).
7. NOTES: REMOVED FAHRENHEIT VALUES FROM UNCOMPENSATED BARO-VNAV CRITICAL TEMP NOTE. - IAW 8260.19I 8-6-9 R.
8. NOTES: REMOVED "RGNL" FROM ALL SECONDARY ALTIMETER NOTES, REMOVED BARO-VNAV AND VDP NA SECONDARY NOTES, AND ADDED "BARO-VNAV AND VDP NA WHEN USING PONCA CITY ALTIMETER SETTING". - IAW 8260.19I 8-6-9.
9. NOTES: REMOVED VGSI AND RNAV GLIDEPATH NOT COINCIDENT AND *LNAV ONLY. - IAW 8260.19I 8-6-9 M.
10. NOTES: SECONDARY ALTIMETER NOTE; CHANGED "PONCA CITY RGNL ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FEET AND INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, LNAV CATS C/D VISIBILITY 1/4 MILE, CIRCLING CAT D VISIBILITY 1/2 MILE" TO "PONCA CITY ALTIMETER SETTING: INCREASE LPV DA TO 1246 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE LNAV/VNAV DA TO 1336 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CATS C/D 1/4, AND CIRCLING VISIBILITY CAT D 1/4 SM.". - IAW 8260.19I 8-6-9.
11. ADDITIONAL FLIGHT DATA: UPDATED FAS OBST FROM 1127 TWR TO 1124 TOWER (40-002515). - IAW 8260.19I 8-6-10 C AND OBSTACLE DATA UPDATED.
12. ADDITIONAL FLIGHT DATA: REMOVED *LNAV ONLY, DISTANCE TO THLD FROM 200 HAT: 0.50 NM. - IAW 8260.19I 1-1-5 F (12) AND 8-6-7 E.
13. MINS: CIRC CAT A; CHANGED FROM 1420/420 TO 1460/460, CIRC CAT B; CHANGED FROM 1460/460 TO 1480/480, AND CIRC CAT C; CHANGED FROM 1520/520 TO 1540/540. - MATCHED ILS OR LOC RWY 17 CIRCLING.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZKC, SWO ATCT, ST. AV. DIR., AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE**DATE****DEVELOPED BY**

DONALD H. LANIER (ANDRE TUCKER)

Digitally signed by

DONALD H LANIER

Digitally signed by

DONALD H LANIER

Feb 18, 2022

OFFICE

AJV-A431

DATE

01/18/2022

APPROVED BY

LONNIE EVERHART

Digitally signed by

DONALD H LANIER

Feb 18, 2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSWO
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	360907.1400N
LTP/FTP LONGITUDE	0970511.8935W
LTP/FTP ELLIPSOIDAL HEIGHT	+02662
FPAP LATITUDE	361036.3600N
FPAP LONGITUDE	0970512.8700W
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	0496
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	1BC05885

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02944
FPAP ORTHOMETRIC HEIGHT	+02944

