

**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</u> STERLING MUNI	<u>AIRPORT ID</u> KSTK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> STERLING	<u>STATE</u> CO
<u>AIRPORT ELEVATION</u> 4038	<u>TDZE</u> 4028	<u>SUPERSEDED</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 08/21/2014	<u>MAG VAR</u> 8E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MAY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

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>
HINGA		ANUCE		TF	FO	1.00	187.71	22.01	6400
AKO VOR/DME	IAF	ANUCE	NOPT	TF	FB	1.00	351.52	15.49	6400
ANUCE	IF/IAF	DENCO		TF	FB	1.00	334.78	6.77	5800
DENCO	FAF	WOSIK/2.00 NM TO RW33		TF	FB	0.30	334.77	3.43	
WOSIK/2.00 NM TO RW33		RW33	MAP	TF	FO	0.30	334.77	2.00	
RW33	MAP	4278 MSL		CA			334.77		
4278 MSL		ZETAX		DF	FO	1.00			7500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 7500 DIRECT ZETAX AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD SE ANUCE, RT, 334.78 INBOUND, 6400 FT. IN LIEU OF PT (IAF), MAX 7500.
3. FAC: 334.77 FAF: DENCO DIST FAF TO MAP: 5.43 DIST FAF TO THLD: 5.43
4. MIN ALT: ANUCE 6400, DENCO 5800, WOSIK/2.00 NM TO RW33 4700*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.65 GS ANT: MM: IM:
6. MIN GP INCPT: 5800 GP ALT AT FAF : DENCO 5800 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 44.0
8. MSA FROM: RW33 6600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 4 AND 22.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON AKO VOR/DME AIRWAY RADIALS 276 CW 081.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.03 NM TO RW33*
*LNAV ONLY
WAAS CHANNEL #65730
REFERENCE PATH ID: W33A
CHART FAS OBST: 4149 TREE 403652N/1031518W.
4359 AAO 403122N/1031200W.
HOLD NW, RT, 154.71 INBOUND
LTP HAE: 1207.3 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	4278	3/4	250	4278	3/4	250	4278	3/4	250	4278	3/4	250			
LNAV/VNAV DA	4332	1	304	4332	1	304	4332	1	304	4332	1	304			
LNAV MDA	4400	1	372	4400	1	372	4400	1	372	4400	1	372			
CIRCLING	4520	1	482	4580	1	542	4620	1 1/2	582	4720	2 1/4	682			

QUALITY
10
CHECKED

CHANGES - REASONS

1. REMOVED DME/DME RNP -0.3 NA - NO LONGER REQUIRED.
2. ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H 8-6-8.B.(1).
3. ADDED "MAX 7500" TO HOLD-IN-LIEU ON LINE 2 - IAW 8260.19H PARA 8-6-7.B(2).
4. ADDED "34:1 IS CLEAR" AND "20:1 IS CLEAR" TO LINE 7 - THERE ARE NO 34:1 OR 20:1 PENETRATIONS TO RWY 33.
5. CHANGED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 52C (126F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C OR ABOVE 54C" - REMOVED FAHRENHEIT IAW 8260.19H 8-6-9.S, UPDATED CRITICAL HIGH TEMP BASED ON TARGETS BUILD.
6. INCORPORATED P-NOTAM 4/7048.
7. DELETED "HELICOPTER VISIBILITY REDUCTION BELOW ¾ SM NA" - NO 34:1 PENETRATIONS TO RUNWAY 33.
8. ADDED "CHART NOTE: CIRCLING NA TO RWYS 4 AND 22" - CIRCLING NOT AUTHORIZED TO TURF RUNWAYS.
9. REMOVED ALL NOTES AND REFERENCES TO AKRON ALTIMETER SETTING - LOCAL AND SECONDARY WEATHER ON WMSCR.
10. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 7500 DIRECT ZETAX AND HOLD" TO "CLIMB TO 7500 DIRECT ZETAX AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7500" - INCORPORATED NOTAM FDC 9/9831, CLIMB-IN-HOLD REQUIRED PER TARGETS BUILD.
11. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - EXPANDED CIRCLING IMPLEMENTED.
12. UPDATED CAT B CIRCLING MDA/HAA FROM 4540/502 TO 4580/542 - EXPANDED CIRCLING IMPLEMENTED, NEW CONTROLLING OBSTACLE.
13. UPDATED CAT C CIRCLING MDA/HAA FROM 4580/542 TO 4620/582 - EXPANDED CIRCLING IMPLEMENTED, NEW CONTROLLING OBSTACLE.
14. UPDATED CAT D CIRCLING MDA/VIS/HAA FROM 4600/2/562 TO 4720/2 1/4/682 - EXPANDED CIRCLING IMPLEMENTED, NEW CONTROLLING OBSTACLE.
15. CA LEG CHANGED FROM 4276 TO 4278 - USED TDZE VICE THRE.
16. UPDATED PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT AKO VOR/DME AIRWAY RADIALS 276 CW 081" TO "PROCEDURE NA FOR ARRIVAL ON AKO VOR/DME AIRWAY RADIALS 276 CW 081" - UPDATED NOTE FORMAT.
17. UPDATED VDP LOCATION FROM "1.04 NM TO RW33" TO "1.03 NM TO RW33" - IAW TARGETS BUILD.
18. ADDED "CAT D 800-2 1/4" TO ALTERNATE MINIMUMS - NON STANDARD MINIMUMS.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZDV, APT MGR

FLIGHT CHECKED BY

CLINT PALMER

OFFICE

FICO

DATE

3/3/2020

Digitally signed by
ALLAN WILL

DEVELOPED BY

ALLAN WILL (COLIN CAMPBELL)

OFFICE

AJV-A423

DATE

12/12/2019

Digitally signed by
ALLAN WILL
Apr 02, 2020

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

Digitally signed by
ALLAN WILL
Apr 02, 2020

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSTK
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	403629.3380N
LTP/FTP LONGITUDE	1031541.4285W
LTP/FTP ELLIPSOIDAL HEIGHT	+12073
FPAP LATITUDE	403754.4900N
FPAP LONGITUDE	1031616.1300W
THRESHOLD CROSSING HEIGHT (TCH)	00044.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E2358F5E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+12270
FPAP ORTHOMETRIC HEIGHT	+12270

