

**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> SOUTHEAST COLORADO RGNL	<u>AIRPORT ID</u> KLAA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> LAMAR	<u>STATE</u> CO
<u>AIRPORT ELEVATION</u> 3706	<u>TDZE</u> 3685	<u>SUPERSEDED</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 07/18/2019	<u>MAG VAR</u> 7E
<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> 2020

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZANON		WOSUR		TF	FB	1.00	181.56	10.01	6900
WOSUR	IAF	HADOD	NOPT	TF	FB	1.00	160.25	8.83	6000
KOWTO	IAF	HADOD	NOPT	TF	FB	1.00	357.57	9.66	6000
HADOD	IF/IAF	FABAP		TF	FB	1.00	082.48	7.00	5400
FABAP	FAF	SEVGE/2.40 NM TO RW08		TF	FB	0.30	082.57	2.85	
SEVGE/2.40 NM TO RW08		RW08	MAP	TF	FO	0.30	082.57	2.40	
RW08	MAP	4700 MSL		CA			078.57		4700
4700 MSL		HADOD		DF	FO	1.00			6000

**MISSED APPROACH**

**MAP:**

LP: RW08  
LNAV: RW08

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4700 THEN CLIMBING RIGHT TURN TO 6000 DIRECT HADOD AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. **PT**      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF (IAF)**
- 2. HOLD W HADOD, RT, 082.48 INBOUND, 6000 FT. IN LIEU OF PT (IAF), MAX 14000.
- 3. **FAC:** 082.57      **FAF:** FABAP                                      **DIST FAF TO MAP:** 5.25                                      **DIST FAF TO THLD:** 5.25
- 4. **MIN ALT:** HADOD 6000, FABAP 5400, SEVGE/2.40 NM TO RW08 4480
- 5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **GS ANT:**
- 6. **MIN GP INCPT:**                                      **GP ALT AT FAF :**                                      **OM:**                                      **MM:**                                      **IM:**
- 7. **GP ANGLE:**                                      **34:1:** IS NOT CLEAR                      **20:1:** IS NOT CLEAR                      **TCH:**
- 8. **MSA FROM:** RW08 6200

**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

CHART NOTE: PROCEDURE NA AT NIGHT.  
 CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZANON ON V263 NORTHWEST BOUND.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WOSUR ON V10-244 WESTBOUND.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KOWTO ON V263 SOUTHWEST BOUND.

**ADDITIONAL FLIGHT DATA:**

FABAP TO RW08: 3.00/45.  
 CHART TWO BUTTES MOA  
 WAAS CHANNEL #97429  
 REFERENCE PATH ID: W08A  
 CHART FAS OBST: 3819 TREE 380405N/1024421W, 3859 TREE 380350N/1024334W.  
 LTP HAE: 1099.4 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		
	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
LP MDA	4080	1	395	4080	1	395	4080	1 1/8	395	4080	1 1/8	395			
LNAV MDA	4120	1	435	4120	1	435	4120	1 1/4	435	4120	1 1/4	435			



**CHANGES - REASONS**

1. ALL CHANGES FROM AMENDMENT 1A AND 1B HAVE BEEN INCORPORATED INTO THIS PROCEDURE. - 8260.19H 8-3-4-C(1).
2. CHANGED AIRPORT NAME FROM LAMAR MUNI TO SOUTHEAST COLORADO REGIONAL. - REQUESTED BY CITY OF LAMAR.
3. ADDED "34:1 IS NOT CLEAR" AND "20:1 IS NOT CLEAR" TO LINE 7 - INSUFFICIENT SURVEY. UNABLE TO VERIFY VISUAL SURFACES ARE CLEAR.
4. REMOVED SECONDARY ALTIMETER NOTE. - KLAA IS ON WMSCR; MOVED NOTE TO BACK OF -9 FOR RECORD KEEPING.
5. CHANGED ALL HEADINGS BY 4 DEGREES - MAG VAR CHANGED FROM 11E/1980 TO 7E/2020.
6. ADDED "MAX 14000" TO HOLD-IN-LIEU ON LINE 2 - PER .19H PARA 8-6-7B (2).
7. MAGVAR CHANGED FROM 11E TO 7E AND EPOCH YEAR FROM 1980 TO 2020. - MAGVAR WAS OUT OF TOLERANCE.
8. INCREASED TERMINAL ROUTES, PROFILE H-I-L, AND PROFILE FAC COURSES BY 4. - REFLECT MAGVAR CHANGE.

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZDV, AMGR

**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

**OFFICE**

**DATE**

*Digitally signed by*

**JOHN BORDY**

Apr 10, 2020

**DEVELOPED BY**

JOHN BORDY (ANDRE TUCKER)

*Digitally signed by*

**JOHN BORDY**

Apr 10, 2020

**OFFICE**

AJV-A422

**DATE**

01/15/2020

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by*

**JOHN BORDY**

Apr 10, 2020

**OFFICE**

AJV-A420

**DATE**

**TITLE**  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLAA
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	380426.1075N
LTP/FTP LONGITUDE	1024136.7290W
LTP/FTP ELLIPSOIDAL HEIGHT	+10994
FPAP LATITUDE	380426.6600N
FPAP LONGITUDE	1023943.9000W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	01241DC6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+11226
FPAP ORTHOMETRIC HEIGHT	+11226

