

**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 18	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> LAMAR	<u>STATE</u> CO
<u>AIRPORT ELEVATION</u> 3706	<u>TDZE</u> 3695	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1C	<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
WEYYI	IAF	OBOZU	NOPT	TF	FB	1.00	091.77	8.25	6000
WIZGE	IAF	OBOZU	NOPT	TF	FB	1.00	273.51	8.30	6000
OBOZU	IF/IAF	LOLME		TF	FB	1.00	182.65	6.10	5500
LOLME	FAF	RW18	MAP	TF	FO	0.30	182.63	5.51	
RW18	MAP	3945 MSL		CA			182.63		
3945 MSL		IHIYO		DF	FO	1.00			6200

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW18

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 6200 DIRECT IHIYO AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. **PT**      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF (IAF)**
- 2. HOLD N OBOZU, RT, 182.65 INBOUND, 6000 FT. IN LIEU OF PT (IAF), MAX 14000.
- 3. **FAC:** 182.63      **FAF:** LOLME                                      **DIST FAF TO MAP:** 5.51                      **DIST FAF TO THLD:** 5.51
- 4. **MIN ALT:**    OBOZU 6000, LOLME 5500
- 5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **250 HAT:** 0.71                      **GS ANT:**
- 6. **MIN GP INCPT:** 5500                      **GP ALT AT FAF :** LOLME 5500                      **OM:**                                      **MM:**                                      **IM:**
- 7. **GP ANGLE:** 3.00                      **34:1:** IS CLEAR                      **20:1:** IS CLEAR                      **TCH:** 41.0
- 8. **MSA FROM:** RW18 6200

**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

CHART NOTE: CIRCLING RWY 8, 26 NA AT NIGHT.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°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 AT WEYYI ON V263 NORTHWEST BOUND.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WIZGE ON V244 NORTHEAST BOUND.

**ADDITIONAL FLIGHT DATA:**

CHART VDP AT 1.38 NM TO RW18\*  
 \*LNAV ONLY  
 WAAS CHANNEL #86613  
 REFERENCE PATH ID: W18A  
 CHART FAS OBST: 3899 TREE 380918N/1024118W.  
 CHART: 4171 TOWER 381016N/1024051W.  
 HOLD S, RT, 002.58 INBOUND  
 LTP HAE: 1098.1 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									
LPV DA	3945	1	250	3945	1	250	3945	1	250	3945	1	250			
LNAV/VNAV DA	4014	1 1/4	319	4014	1 1/4	319	4014	1 1/4	319	4014	1 1/4	319			
LNAV MDA	4160	1	465	4160	1	465	4160	1 3/8	465	4160	1 1/2	465			



**CHANGES - REASONS**

1. ALL CHANGES FROM AMENDMENT 1A, 1B, AND 1C 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. DELETED "CHART FAS OBST: 3764 OL ON APBN AND WSK" IN ADDITIONAL FLIGHT DATA - LNAV/VNAV CONTROLLING OBSTACLES DO NOT GET CHARTED.
4. REMOVED ALL SECONDARY ALTIMETER NOTES. - KLAA IS ON WMSCR; MOVED NOTE TO BACK OF -9 FOR RECORD KEEPING.
5. ADDED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C. - IAW 8260.19H 8-6-9 S.
6. CHANGED LINE 7 FROM "34:1 IS NOT CLEAR" TO "34:1 IS CLEAR". - 34:1 VISUAL SURFACE CLEAR PER TARGETS.
7. ADDED "20:1 IS CLEAR" ON LINE 7 - 20:1 VISUAL SURFACE CLEAR PER TARGETS.
8. REMOVED CHART NOTE PROCEDURE NA AT NIGHT. - 20:1 VISUAL SURFACE CLEAR PER TARGETS.
9. REMOVED CHART NOTE FOR HELICOPTER VISIBILITY. - VISUAL AREA IS CLEAR.
10. ADDED VDP. - 20:1 VISUAL SURFACE CLEAR PER TARGETS.
11. "MAX 14000" TO HOLD-IN-LIEU ON LINE 2 - PER .19H PARA 8-6-7B (2).
12. MAGVAR CHANGED FROM 11E TO 7E AND EPOCH YEAR FROM 1980 TO 2020. - MAGVAR WAS OUT OF TOLERANCE.
13. INCREASED TERMINAL ROUTES, PROFILE H-I-L, PROFILE FAC, AND MA HOLD INBD COURSES BY 4. - REFLECT MAGVAR CHANGE.
14. ADDED "CHART NOTE: CIRCLING TO RWY 8 AND 26 NA AT NIGHT" - INSUFFICIENT SURVEY. UNABLE TO VERIFY VISUAL SURFACE CLEAR.

**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**

**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	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	380429.4875N
LTP/FTP LONGITUDE	1024122.3985W
LTP/FTP ELLIPSOIDAL HEIGHT	+10981
FPAP LATITUDE	380301.5500N
FPAP LONGITUDE	1024141.2500W
THRESHOLD CROSSING HEIGHT (TCH)	00041.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0832
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A60FE721

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+11213
FPAP ORTHOMETRIC HEIGHT	+11213

