US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZANON	WOSUR (FB)	177.56 / 10.01	6900
WOSUR (IAF)	HADOD (NOPT) (FB)	156.25 / 8.83	6000
KOWTO (IAF)	HADOD (NOPT) (FB)	353.57 / 9.66	6000
HADOD (IF/IAF)	FABAP (FB)	078.48 / 7.00	5400
FABAP (FAF)	SEVGE/2.40 NM TO RW08 (FB)	078.57 / 2.85	
SEVGE/2.40 NM TO RW08	RW08 (MAP) (FO)	078.61 / 2.40	
(SEE FORM 8260-10)			

MISSED APPROACH

LP: RW08
LNAV: RW08

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

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W HADOD, RT, 078.48 INBOUND, 6000 FT. IN LIEU OF PT (IAF)
3. FAC: 078.57 FAF: FABAP DIST FAF TO MAP: 5.25 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: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS CLEAR
8. MSA FROM: RW08 6200

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 3859 TREE 380350N/1024334W
CHART FAS OBST: 3819 TREE 380405N/1024421W
CHART TWO BUTTES MOA.
WAAS CHANNEL # 97429
REFERENCE PATH ID: W08A
FABAP TO RW08: 3.00/45.
LTP HAE: 1099.4 M

MAG VAR: 11E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	4080	1	397	4080	1	397	4080	1 1/8	397	4080	1 1/8	397			
LNAV MDA	4120	1	437	4120	1	437	4120	1 1/4	437	4120	1 1/4	437			
CIRCLING	4280	1	574	4280	1	574	4280	1 1/2	574	4300	2	594			

NOTES:
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 8 PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 26 NA AT NIGHT.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3706 THRE: 3683	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LAMAR, CO	AIRPORT NAME: LAMAR MUNI	RNAV	RNAV (GPS) RWY 8, AMDT 1	AMDT: ORIG-A
				DATED 02/17/2005

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] ZDV ARTCC, AMGR, CO AERO

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: ADOLFO URRUTIA (ROBERT DAVIS)	FIFO AJV-354	DATE: 01/26/2012
APPROVED BY		
NAME: DEZ SILAGYI MANAGER	FIFO AJV-354	DATE:

CHANGES:

1. ADDED KLHX AS BACKUP ALTIMETER AND APPROPRIATE MDA ADJUSTMENTS.
2. ADDED STEPDOWN FIX SEVGE IN FINAL AND LOWERED LNAV ALL CATS MDA FROM 4280 TO 4120 AND LOWERED VISIBILITY CAT C FROM 1 1/2 TO 1 1/4, CAT D FROM 1 3/4 TO 1 1/4.
3. MOVED WOGUS 1.58 NM WEST AND RENAMED WOSUR.
4. SHORTENED INTERMEDIATE SEGMENT FROM 7.7 NM TO 7.0 NM.
5. MOVED FAF TO PFAF LOCATION AND RAISED ALTITUDE FROM 5300 TO 5400.
6. MISSED APPROACH CHANGED TO INCLUDE CLIMB TO ALTITUDE OF 4700.
7. MSA ALTITUDE RAISED FROM 6100 TO 6200.
8. ADDED LP LINE OF MINIMUMS.
9. ADDED PROCEDURE ENTRY RESTRICTIONS FOR ARRIVALS AT KOWTO SOUTHWEST BOUND AND WOSUR WESTBOUND.
10. LOWERED CIRCLING ALL CATS MDA FROM 4420 TO CATS A, B, C 4280, CAT D 4300 AND VISIBILITY CAT C FROM 2 TO 1 1/2, CAT D FROM 2 1/4 TO 2.
11. ADDED ALTERNATE MINIMUMS AND ASSOCIATED NOTE.
12. DELETED NIGHT CIRCLING RESTRICTION NOTE FOR RWY 36.
13. CHANGED TDZE TO THRE.

SEE 8260-10

REASONS:

1., 8. CURRENT AVN DIRECTION.
2. ACHIEVE LOWER MINIMUMS.
3., 4. CONFORM TO 8260.54A CRITERIA FOR LEG LENGTHS AND TURNS.
5. 8260.54A 2-16B PFAF FORMULA APPLIED, AND APPLIED 1500 FT AIRSPACE IN INTERMEDIATE.
6. LEG LENGTH INSUFFICIENT WITHOUT CLIMB TO ALTITUDE PER 8260.54A.
7., 10. UPDATED OBSTACLE DATA.
9. 8260.54A CHAPTER 2 PARA. 2.7.
11. ALTERNATE MINIMUMS NOW AUTHORIZED ON RNAV APPROACHES.
12. 20:1 CLEAR FOR RWY 36.
13. NEW CRITERIA, 8260.3B CHG. 20.
14. MEMORANDUM 04/26/1999: DESCENT GRADIENT PRINTING WHERE VGSI DATA NOT AVAILABLE.

PDF EDITS: (FAF) ADDED TO FABAP; 4480 DELETED UNDER ALT SECTION AFTER FABAP TO SEVGE LINE; LINE 7: 3.00 DELETED FROM GS ANGLE, 45.0 DELETED FROM TCH; RWY08 (MAP) LINE 078.61 ADDED UNDER COURSE DISTANCE.

QUALITY 2 CHECKED

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW08 (MAP)	4700 MSL	078.61	4700
4700 MSL	HADOD (FO)		6000

NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LA JUNTA ALTIMETER SETTING AND INCREASE ALL MDA 180 FT; INCREASE VISIBILITY LP AND LNAV CAT C, D 1/2 MILE AND CIRCLING CAT C 3/4 MILE, CAT D 1/2 MILE.
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.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 3706 THRE: 3683	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LAMAR, CO	AIRPORT NAME: LAMAR MUNI	RNAV	RNAV (GPS) RWY 8, AMDT 1	AMDT: ORIG-A
				DATED: 02/17/2005

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

CHANGES CONT.

14. VDP DELETED DUE TO INSUFFICIENT DATA.

REASONS:

QUALITY 2 CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
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

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 3706 THRE: 3683	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LAMAR, CO	AIRPORT NAME: LAMAR MUNI	RNAV	RNAV (GPS) RWY 8, AMDT 1	AMDT: ORIG-A
				DATED: 02/17/2005

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

QUALITY 2 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FABAP K20    W     N38042394W102481560                      E0075     NAR           FABAP
        SUSAEAENRT   HADOD K20    W     N38042046W102570750                      E0076     NAR           HADOD
        SUSAEAENRT   KOWTO K20    C   L N37544183W102580595                      E0076     NAR           KOWTO
        SUSAEAENRT   SEVGE K20    W     N38042516W102443909                      E0075     NAR           SEVGE
        SUSAEAENRT   WOSUR K20    C   L N38125764W102593551                      E0076     NAR           WOSUR
        SUSAEAENRT   ZANON K20    R   L N38225198W102574217                      E0076     NAR           ZANON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAAK2ALAA     0     063YHN38041090W102411860E011003706         1800018000C    MNAR    LAMAR MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAAK2FR08   AHADOD 010HADODK2EA0EE AR   HF                    07850060    + 06000     18000                A JS
        SUSAP KLAAK2FR08   AKOWTO 010KOWTOK2EA0E  A    IF                                        18000                A JS
        SUSAP KLAAK2FR08   AKOWTO 020HADODK2EA0EE B 010TF                    35360097    + 06000                          A JS
        SUSAP KLAAK2FR08   AZANON 010ZANONK2EA0E       IF                                        18000                A JS
        SUSAP KLAAK2FR08   AZANON 020WOSURK2EA0E  A 020TF                    17760100    + 06900                          A JS
        SUSAP KLAAK2FR08   AZANON 030HADODK2EA0EE B 010TF                    15630088    + 06000                          A JS
        SUSAP KLAAK2FR08   R      010HADODK2EA0E  I    IF                                + 06000     18000                A JS
        SUSAP KLAAK2FR08   R      020FABAPK2EA1E  F 051TF                    07850070    + 05400                 RW08  K2PGA JS
        SUSAP KLAAK2FR08   R      020FABAPK2EA2WALP        N          ALNAV                                                JS
        SUSAP KLAAK2FR08   R      021SEVGEK2EA0E S  031TF                    07860029    V 0448004492        -300          A JS
        SUSAP KLAAK2FR08   R      030RW08 K2PG0GY M 031TF                    07860024      03728             -300          A JS
        SUSAP KLAAK2FR08   R      040         0  M     CA                    0786        + 04700                          A JS
        SUSAP KLAAK2FR08   R      050HADODK2EA0EY  R   DF                                + 06000                          A JS
        SUSAP KLAAK2FR08   R      060HADODK2EA0EE  R   HM                    07850060    + 06000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAAK2GRW08    0050010786 N38042611W102413673+0100    +10994036830000450 60R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAAK2PR08   RW08 001 0000W08A0N3804261075W10241367290+109940300N3804266600W102394390001067512240004 50F40000001241DC6
        SUSAP KLAAK2PR08   RW08 002E      +11226+11226LP        97429
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3706 THRE: 3683	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAMAR, CO	AIRPORT NAME: LAMAR MUNI	RNAV	RNAV (GPS) RWY 8, AMDT 1	AMDT: ORIG-A
				DATED: 02/17/2005

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAAK2SRW08 K2PG                0   18018006225                                                                        M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3706 THRE: 3683	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAMAR, CO	AIRPORT NAME: LAMAR MUNI	RNAV	RNAV (GPS) RWY 8, AMDT 1	AMDT: ORIG-A
				DATED: 02/17/2005

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HADOD	HADOD	010	IAF	HF	R	FO		078.5(089.5T)	006.0	AA 06000	
	KOWTO	KOWTO	010	IAF	IF		FB					
	KOWTO	HADOD	020		TF		FB	1.0	353.6(004.6T)	009.7	AA 06000	
	ZANON	ZANON	010		IF		FB					
	ZANON	WOSUR	020	IAF	TF		FB	2.0	177.6(188.6T)	010.0	AA 06900	
	ZANON	HADOD	030		TF		FB	1.0	156.3(167.3T)	008.8	AA 06000	
		HADOD	010	FACF	IF		FB				AA 06000	
		FABAP	020	FAF	TF		FB	0.5	078.5(089.5T)	007.0	AA 05400	
		SEVGE	021	SDF	TF		FB	0.3	078.6(089.6T)	002.9	AA 04480 GS 04492	
		RW08	030	MAP	TF		FO	0.3	078.6(089.6T)	002.4	AT 03728	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		078.6(089.6T)		AA 04700	
	HADOD	050		DF	R	FO				AA 06000	
	HADOD	060		HM	R	FO		078.5(089.5T)	006.0	AA 06000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FABAP	N380423.94	W1024815.60	N3804.399	W10248.260
	HADOD	N380420.46	W1025707.50	N3804.341	W10257.125
	KOWTO	N375441.83	W1025805.95	N3754.697	W10258.099
	SEVGE	N380425.16	W1024439.09	N3804.419	W10244.652
	WOSUR	N381257.64	W1025935.51	N3812.961	W10259.592
	ZANON	N382251.98	W1025742.17	N3822.866	W10257.703
	RW08	N380426.11	W1024136.73	N3804.435	W10241.612

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW08	03683	45

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3706 THRE: 3683	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAMAR, CO	AIRPORT NAME: LAMAR MUNI	RNAV	RNAV (GPS) RWY 8, AMDT 1	AMDT: ORIG-A
				DATED: 02/17/2005

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	ZANON	WOSUR	1. TOWER (08-000214)	382256.00N/1025850.00W	4746 (3C)	1000	AT1154	6900
			2. TERRAIN	381805.00N/1025645.00W	4469 (4500)		AS1500	6000
INITIAL	WOSUR	HADOD	3. AAO	381248.00N/1025651.00W	4466 (4E)	1000	AT534	6000
			4. TERRAIN	382151.00N/1025651.00W	4266 (4300)		AS1500	5800
INITIAL	KOWTO	HADOD	5. AAO	375427.00N/1025757.00W	4416 (2C)	1000	AT584	6000
			6. TERRAIN	375442.00N/1025800.00W	4213 (4200)		AS1500	5700
INTERMEDIATE	HADOD (IF/IAF)	FABAP	7. TOWER (08-000603)	380645.00N/1025739.00W	4425 (5D)	500	SA-204	4800
			8. TERRAIN	380600.00N/1025830.00W	3928 (3900)		AS1500	5400
INTERMEDIATE	HADOD	FABAP	9. AAO	380224.00N/1025721.00W	4124 (4E)	500	AC98	4800
			10. TERRAIN	380224.00N/1025721.00W	3924 (3900)		AS1500	5400
FINAL: LP	FABAP	SEVGE/2.40 NM TO RW08	11. AAO	380347.61N/1024730.62W	4019 (2C)	250	RA163 DG48	4480
FINAL: LP STEPDOWN	SEVGE/2.40 NM TO RW08	RW08	12. TREE	380404.79N/1024420.92W	3819 (2C)	250		4080
2. HOLD-IN-LIEU-OF-PT	HADOD	P-8	15. TOWER (08-000853)	375942.03N/1030940.48W	4431 (1A)	1000	AT569	6000
			16. TERRAIN	375751.00N/1031057.00W	4216 (4200)		AS1500	5700
3. MISSED APPROACH — MAP:	RW08 / RW08	HADOD				ASC		6000
			17. TOWER (08-000125)	375527.66N/1023633.42W	4303 (1A)	1000		5400
ELEV:	3980/4020		18. TERRAIN	375600.00N/1024300.00W	4042 (4000)		AS1500	5500
			19. WML (08-000833)	380339.00N/1024103.00W	3928 (5D)	300	AC50	4280
			19. WML (08-000833)	380339.00N/1024103.00W	3928 (5D)	300	AC50	4280
			20. TRMSN POLE	380205.20N/1024025.70W	3930 (1A)	300	XP50	4280
			21. TL TWR (08-000832)	380205.00N/1024006.00W	3944 (4D)	300	AC50	4300

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	574
CATEGORY B	1.5 NM	450	574
CATEGORY C	1.7 NM	450	574
CATEGORY D	2.3 NM	550	594
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW08

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	WML (08-020134)	192/ 27.2	5171 (5D)	6200					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3706 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
LAMAR, CO	LAMAR MUNI	RNAV	RNAV (GPS) RWY 8, AMDT 1	ANM

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ZDV ARTCC DEN FSS		N W S	OTHER: ASOS	SOURCE: KLAA / KLHX
		F A A		DISTANCE: 0 / 38.93
SATISFACTORY ON:		A / C		HOURS REMOTE OPERATION:
X V H F X U H F H F	LOCATION: KLAA			ADJUSTMENT: 0 / 163

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING		
		ALS
		(S) SALS
		MALS
		HIRL
	X	MIRL 18 (PCL), 36 (PCL), 08 (PCL), 26 (PCL)
	X	REIL 18, 36, 26
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-2L 08, 26 PAPI-4L 36 VASI-4L 18

6. RUNWAY MARKINGS	BASIC	BSC-G 08, 26
	ALL WEATHER	
	INSTRUMENT	NPI-G 18, 36
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	

8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: ADOLFO URRUTIA (ROBERT DAVIS)	DATE: 01/26/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-354

PART C - REMARKS:

VDP NOT ESTABLISHED - DUE TO INSUFFICIENT DATA.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI: 3.00

KLAA ASOS ON SERVICE A.
KLHX ASOS ON SERVICE A.

RASS PRESSURE PATTERNS SAME
KLAA 3705.5 MSL, KLHX 4228.6 MSL
RA = 163.00 FT.
SEE ATTACHED AIRSPACE LETTER.

LPV AND LNAV/VNAV APPROACHES NOT DEVELOPED DUE TO RWY SURVEY.
TAA NOT DEVELOPED DUE TO PREVIOUS REGIONS WRITTEN REQUEST.

OBS #7 IS 2490 FT INTO SECONDARY AREA.

50' VEGETATION HEIGHT USED PER PREVIOUS PROCEDURE.

25 DEGREE BANK ANGLE USED FOR MISSED APPROACH CONSTRUCTION.

TERPS PARA 251 20:1 PENETRATIONS
R26
3701 KLAA0024 FENCE 380424.45N-1024030.18W (5.89)
FPT NOTIFIED

45' TCH RETAINED FROM PREVIOUS PROCEDURE.

NIGHT RESTRICTION DUE TO RWY SURVEY TYPE.

XP: CAT A/B CMDA

QUALITY 2 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FINAL: LNAV	FABAP	SEVGE/2.40 NM TO	13. AAO	380318.15N/1024820.04W	4039 (2C)	250	RA163 DG28	4480
		RW08						
FINAL: LNAV STEPDOWN	SEVGE/2.40 NM TO	RW08	14. TREE	380349.74N/1024333.74W	3859 (2C)	250		4120
	RW08							

3. MISSED APPROACH										
	MAP:									
	ELEV:									

4. CIRCLING AREA	DISTANCE		HT. ABV. ARPT.							
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL						
CATEGORY B	1.5 NM		450							
CATEGORY C	1.7 NM		450							
CATEGORY D	2.3 NM		550							
CATEGORY E	4.5 NM		550							

5. MINIMUM SAFE ALTITUDES PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3706 AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
LAMAR, CO	LAMAR MUNI	RNAV	RNAV (GPS) RWY 8, AMDT 1	ANM

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
SATISFACTORY ON:	N W S	OTHER:	SOURCE:
			DISTANCE:
	F A A		HOURS REMOTE OPERATION:
	A / C		
V H F / U H F / H F	LOCATION:		ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING		**ALS**
		(S) SALS
		MALS
		HIRL
		MIRL
		REIL
		TDZ
		C/LINE
		OTHER (SPECIFY)
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:
9. FINAL APPROACH COURSE AIMING	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

QUALITY CHECKED 2

RADIO FIX AND HOLDING DATA RECORD

NAME: FABAP **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 380423.94N/1024815.60W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
8260.54A 2-16B PFAF FORMULA APPLIED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 8			KLAA	LAMAR	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
DELETED FACILITY 1.
MOVED FIX WEST 2324.67 FT.
ADDED PFAF FORMULA REMARKS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/17/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (ROBERT DAVIS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZDV
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HADOD **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 380420.46N/1025707.50W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	W		WP	258.48	078.48	R		6	6000	14000	8	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (08-000853)	375942.03N/1030940.48W	4431	1A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 8		1	KLAA	LAMAR	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
DELETED FACILITY 1.
MOVED FIX EAST 1786.53 FT.
UPDATED HOLDING MINIMUM AND MAXIMUM TEMPLATES.
UPDATED HOLDING CONTROLLING OBSTACLE.
MOVED HOLDING LIMITED REMARK FROM REMARKS SECTION TO HOLDING RESTRICTIONS SECTION.
ADDED PRECIPITOUS TERRAIN REMARK.
CHANGED HOLDING DME LEG LENGTH FROM 4 TO 6.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/17/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (ROBERT DAVIS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZDV
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KOWTO **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 375441.83N/1025805.95W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	LAMAR	LAA	VOR/DME	H	205.96	217.96	21.67	21.67		7400	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V263	1				CO (US)
IAP	RNAV (GPS) RWY 26			KLHX	LA JUNTA	CO (US)
IAP	RNAV (GPS) RWY 36			KLAA	LAMAR	CO (US)
IAP	RNAV (GPS) RWY 8			KLAA	LAMAR	CO (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
UPDATED FACILITY LAA FROM VORTAC TO VOR/DME.
ADDED DISTANCE FROM DATA.
DELETED PRECIPITOUS TERRAIN REMARK.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/17/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (ROBERT DAVIS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZDV
ATC FACILITY:
OTHER:

QUALITY 1 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SEVGE **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 380425.16N/1024439.09W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 8			KLAA	LAMAR	CO (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 01/25/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (ROBERT DAVIS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZDV
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WOSUR **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 381257.64N/1025935.51W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	LAMAR	LAA	VOR/DME	H	262.58	274.58	14.50	14.50		7000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
NAME CHANGED FROM WOGUS TO WOSUR.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V10-244	1				(US)
IAP	RNAV (GPS) RWY 8			KLAA	LAMAR	CO (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
MOVED FIX WEST 1.58 NM.
CHANGED FIX NAME FROM WOGUS TO WOSUR.
DELETED HADOD AS FACILITY 1.
UPDATED FACILITY LAA FROM VORTAC TO VOR/DME.
ADDED DISTANCE FROM DATA.
DELETED "COORDINATES DETERMINED BY" AND "WP/FIX COLLOCATED ON V10-244" REMARKS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/17/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (ROBERT DAVIS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZDV
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZANON **STATE:** CO **COUNTRY:** US

LATITUDE/LONGITUDE: 382251.98N/1025742.17W **TYPE:** DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	LAMAR	LAA	VOR/DME	H	298.50	310.50	17.01	17.01		6900	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V263	1				(US)
IAP	RNAV (GPS) RWY 8			KLAA	LAMAR	CO (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
DELETED HADOD AS FACILITY 1.
UPDATED FACILITY LAA FROM VORTAC TO VOR/DME.
ADDED DISTANCE FROM DATA.
DELETED "COORDINATES DETERMINED BY" AND "WP/FIX COLLOCATED ON V263" REMARKS.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/17/2012 **OFFICE:** AJV-354 **NAME:** ADOLFO URRUTIA (ROBERT DAVIS)

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: WST
ARTCC: ZDV
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **LAMAR** STATE: **CO**

AIRPORT NAME: **LAMAR MUNI** ID: **KLAA**

PROCEDURE: **RNAV GPS RWY 8** AMDT: **1**

DOCKET # :
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **3.25**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **089.57**
4. High Terrain in **FINAL** segment containing 1000' point **3839**
5. Distance from **THLD** to 1500' point **5.05**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.94**
7. True Course of **FINAL** segment containing 1500' point **089.57**
8. High Terrain in **FINAL** segment containing 1500' point **3839**
9. Threshold Coordinates (if straight-in) ... **380426.11N** / **1024136.73W**
10. ARP Coordinates ..... **380410.90N** / **1024118.60W**
11. Runway Approach End and distance furthest from ARP.....RWY **36**
    Distance **0.75** NM
12. FAF Coordinates ..... **380423.94N** / **1024815.60W**
    (Click to Select)

REMARKS: Approach/Drawing attached.