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
ZEDAN (IAF)	SUTGE (FB)	181.81 / 6.53	9800
SUTGE (IF)	OHKAY (FB)	207.45 / 4.00	9300
OHKAY	YUNSU (FB)	242.53 / 4.00	8900
YUNSU (FAF)	ZUTPA (MAP) (FO)	272.48 / 4.77	
ZUTPA (MAP)	7571 MSL	272.48	
7571 MSL	ZEDAN (FO)		11000

MISSED APPROACH

LP: ZUTPA
LNAV: ZUTPA

CLIMBING RIGHT TURN TO 11000 DIRECT ZEDAN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 176.83 INBOUND.
CHART ARRIVAL HOLDING AT ZEDAN: HOLD N, RT, 176.83 INBOUND, 11000.
CHART FAS OBST: 7139 TREE 355239N/1061508W
CHART FAS OBST: 7159 TREE 355318N/1061533W
CHART R-5101.
WAAS CHANNEL # 56329
REFERENCE PATH ID: W27B
YUNSU TO RW27: 3.00/45.
LTP HAE: 2138.6 M

MAG VAR: 10E EPOCH YEAR: 2005

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT SUTGE
3. FAC: 272.48 FAF: YUNSU DIST FAF TO MAP: 4.77 THLD: 5.57
4. MIN. ALT: SUTGE 9800, OHKAY 9300, YUNSU 8900
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 NOT CLEAR
8. MSA FROM: ZUTPA 13900

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*	7580	1	500	7580	1	500	7580	1 3/8	500		NA				
LP MDA	7700	1	620	7700	1	620	7700	1 7/8	620		NA				
LNAV MDA*	7640	1	560	7640	1	560	7640	1 5/8	560		NA				
LNAV MDA	7880	1	800	7880	1 1/4	800	7880	2 1/2	800		NA				
CIRCLING		NA			NA			NA			NA				

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART NOTE: *LP AND *LNAVMISSED APPROACH REQUIRES A MINIMUM CLIMB OF 280 FEET PER NM TO 8500.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: LIMIT MISSED APPROACH TO 210 KIAS.

@ CAT C 800-2 1/2
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 7171 THRE: 7080	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LOS ALAMOS, NM	AIRPORT NAME: LOS ALAMOS	RNAV	RNAV (GPS) Z RWY 27, ORIG	AMDT: NONE
				DATED

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] **ABQ APP CON, ZAB, AMGR, ST AV DIR.**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **JOSE ALFONSO (THERON CYRUS)**	FIFO **AJV-353**	DATE: **01/26/2012**
APPROVED BY		
NAME: **LARRY H STROUT** **MANAGER**	FIFO **AJV-353**	DATE:

CHANGES:

REASONS:

PDF EDITS:
1. ADDED (FAF) TO YUNSU IN TERMINAL ROUTES ON -3.
2. REMOVED 020 FROM LINE 11 UNDER SEGMENTS ON -10.
3. REMOVED 2.0 FROM LINE 4 UNDER MISSED APPROACH (RNP) ON -10.
4. REMOVED "NA" FROM #1 ON -3.

QUALITY A CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLAM
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27B
LTP/FTP LATITUDE	355240.4920N
LTP/FTP LONGITUDE	1061531.6670W
LTP/FTP ELLIPSOIDAL HEIGHT	+21386
FPAP LATITUDE	355259.6500N
FPAP LONGITUDE	1061718.7600W
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	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	5F4A7343

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+21579
FPAP ORTHOMETRIC HEIGHT	+21579

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 7171 THRE: 7080	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOS ALAMOS, NM	AIRPORT NAME: LOS ALAMOS	RNAV	RNAV (GPS) Z RWY 27, ORIG	AMDT: NONE
				DATED:

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:

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   OHKAY K20    W     N35524059W106040827                        E0090     NAR           OHKAY
        SUSAEAENRT   SUTGE K20    W     N35555144W106010869                        E0090     NAR           SUTGE
        SUSAEAENRT   YUNSU K20    W     N35512833W106084990                        E0090     NAR           YUNSU
        SUSAEAENRT   ZEDAN K20    C   L N36021574W105592987                        E0090     NAR           ZEDAN
        SUSAEAENRT   ZUTPA K20    W     N35523016W106143399                        E0091     NAR           ZUTPA

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAMK2ALAM     0     060YHN35524687W106160727E010007171         1800018000C    MNAR    LOS ALAMOS

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAMK2FR27-Z AZEDAN 010ZEDANK2EA0E  C    IF                                  + 11000     18000                  A JS
        SUSAP KLAMK2FR27-Z AZEDAN 020SUTGEK2EA0EE B 010TF                      18180065    + 09800                            A JS
        SUSAP KLAMK2FR27-Z R      010SUTGEK2EA0E  I    IF                                  + 09800     18000                  A JS
        SUSAP KLAMK2FR27-Z R      011OHKAYK2EA0E S  051TF                      20750040    + 09300                            A JS
        SUSAP KLAMK2FR27-Z R      020YUNSUK2EA1E  F 051TF                      24250040    + 08900                  ZUTPA K2EAA JS
        SUSAP KLAMK2FR27-Z R      020YUNSUK2EA2WALP        N          ALNAV                                                     JS
        SUSAP KLAMK2FR27-Z R      030ZUTPAK2EA0EY M 031TF                      27250048      07379             -300           A JS
        SUSAP KLAMK2FR27-Z R      040          0  M     CA                     2725        + 07571                            A JS
        SUSAP KLAMK2FR27-Z R      050ZEDANK2EA0EY  R   DF                                  + 11000          210               A-JS
        SUSAP KLAMK2FR27-Z R      060ZEDANK2EA0EE  R   HM                      17680070    + 11000                            A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAMK2GRW27    0060002724 N35524049W106153167+1500    +2138607080000045120R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAMK2PR27-Z RW27 001Z0000W27B0N3552404920W10615316670+213860300N3552596500W106171876001067509200004 50F4000005F4A7343
        SUSAP KLAMK2PR27-Z RW27 002E      +21579+21579LP        56329

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAMK2SZUTPAK2EA                0   18018013925                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 7171 THRE: 7080	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LOS ALAMOS, NM	AIRPORT NAME: **LOS ALAMOS**	**RNAV**	**RNAV (GPS) Z RWY 27, ORIG**	AMDT: **NONE**
				DATED:

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
	ZEDAN	ZEDAN	010	IAF	IF		FB				AA 11000	
	ZEDAN	SUTGE	020		TF		FB	1.0	181.8(191.8T)	006.5	AA 09800	
		SUTGE	010	FACF	IF		FB				AA 09800	
		OHKAY	011	SDF	TF		FB	0.5	207.5(217.5T)	004.0	AA 09300	
		YUNSU	020	FAF	TF		FB	0.5	242.5(252.5T)	004.0	AA 08900	
		ZUTPA	030	MAP	TF		FO	0.3	272.5(282.5T)	004.8	AT 07379	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		272.5(282.5T)		AA 07571	
	ZEDAN	050		DF	R	FO				AA 11000	AB 210
	ZEDAN	060		HM	R	FO		176.8(186.8T)	007.0	AA 11000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OHKAY	N355240.59	W1060408.27	N3552.677	W10604.138
	SUTGE	N355551.44	W1060108.69	N3555.857	W10601.145
	YUNSU	N355128.33	W1060849.90	N3551.472	W10608.832
	ZEDAN	N360215.74	W1055929.87	N3602.262	W10559.498
	ZUTPA	N355230.16	W1061433.99	N3552.503	W10614.567
	RW27	N355240.49	W1061531.67	N3552.675	W10615.528

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	07080	45

QUALITY CHECKED

CITY AND STATE	ELEVATION: 7171 THRE: 7080	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LOS ALAMOS, NM	AIRPORT NAME: LOS ALAMOS	RNAV	RNAV (GPS) Z RWY 27, ORIG	AMDT: NONE
				DATED:

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.
INITIAL	ZEDAN	SUTGE	1. AAO	360254.00N/1055657.00W	7304 (4E)	1000	AS1496	9800
			2. TERRAIN	360157.00N/1055730.00W	6559 (6600)		AS1500	8100
INTERMEDIATE	SUTGE	OHKAY	3. AAO	355551.00N/1055836.00W	6506 (4E)	500	SA-12 AC98 AT2208	9300
			4. TERRAIN	355454.00N/1060242.00W	6290 (6300)		AS1500	7800
INTERMEDIATE: STEPDOWN	OHKAY	YUNSU	5. AAO	355122.10N/1060857.20W	6747 (6C)	500	AS1653	8900
			6. TERRAIN	355141.30N/1060815.10W	6547 (6500)		AS1500	8000
FINAL: LP	YUNSU	ZUTPA	7. TREE	355239.36N/1061508.24W	7139 (2C)	250	XP180	7580
FINAL: LP	YUNSU	ZUTPA	7. TREE	355239.36N/1061508.24W	7139 (2C)	250	XP180 MA110	7700
FINAL: LNAV	YUNSU	ZUTPA	8. TREE	355318.01N/1061533.10W	7159 (2C)	250	XP225	7640
FINAL: LNAV	YUNSU	ZUTPA	8. TREE	355318.01N/1061533.10W	7159 (2C)	250	XP225 MA240	7880
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	ZUTPA	ZEDAN	10. AAO	355518.00N/1061757.00W	8168 (4E)	ASC		11000
			9. AAO	355454.00N/1061842.00W	8219 (4E)	ASC		11000
ELEV:	7480/7600/7540/7780		11. AAO	355645.00N/1061830.00W	8268 (4E)	1000		9300

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	
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: ZUTPA

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	AAO	086/ 24.2	12822 (6C)	13900					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 7171 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
LOS ALAMOS, NM	LOS ALAMOS	RNAV	RNAV (GPS) Z RWY 27, ORIG	ANM

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZAB ARTCC ABQ APP CON	N W S	OTHER: AWOS-3	SOURCE: KLAM
	F A A		DISTANCE:
SATISFACTORY ON:	A / C		HOURS REMOTE OPERATION: 24
X V H F X U H F H F	LOCATION: KLAM		ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID:		
	MONITOR POINT:		
	HRS OPTN:	CAT 1	
		CAT 3	
5. APPROACH & RUNWAY LIGHTING		ALS	
		(S) SALS	
		MALS	
		HIRL	
		MIRL	
	X	REIL 27	
		TDZ	
		C/LINE	
	X	OTHER (SPECIFY) PAPI-2L 27	
6. RUNWAY MARKINGS	BASIC BSC-G 09		
	ALL WEATHER		
	INSTRUMENT NPI-G 27		
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: JOSE ALFONSO (THERON CYRUS)	DATE: 01/26/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

VDP NOT ESTABLISHED - UNABLE TO VERIFY VISUAL SURFACES CLEAR DUE TO NO SURVEY.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

BLOCK2, WEATHER SERVICE:
OTHER: AWOS
SERVICE A: Y

CIRCLING NA DUE TO RAPIDLY RISING TERRAIN WEST OF AIRPORT AND R-5101.

INTERMEDIATE COURSE OFFSET 30 DEGREES FROM FINAL COURSE PER FPT REQUEST/CHECKLIST.

25 DEGREE BACK ANGLE AND LIMITED SPEED TO 210 KIAS REQUIRED FOR MISSED APPROACH.

TERPS, VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS:
34:1
7139 TREE 355239.36N/1061508.24W (9.20)

SEE ATTACHED AIRSPACE LETTER.

MINIMUM CLIMB REQUIRED DUE TO MISSED APPROACH PENETRATIONS:
LP: OBS #10 8168 AAO 355510.00N/1061757.00W
LNAV: OBS #9 8219 AAO 355454.00N/1061842.00W

60 FT VEGETATION USED PER FPT.

TAA, LPV, LNAV/VNAV NOT DEVELOPED PER FPT.

NOTE: PER FLIGHT CHECK REMARKS, DATED 5 APR 04 - CIRCLING NA.

MISSED APPROACH EVALUATED USING IPDS.

VGSI DATA: 3.00/45.

XP: LNAV MDA ADJUSTED DUE TO RAPID RISING TERRAIN WEST OF AIRPORT.

XP: LP MDA ADJUSTED DUE TO RAPID RISING TERRAIN WEST OF AIRPORT.

MISSED APPROACH OBSTACLES CONT.
PRIMARY:
12. TERRAIN 355645.00N/1061830.00W 8068 (8100) AS1500
9600

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OHKAY **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 355240.59N/1060408.27W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Z RWY 27			KLAM	LOS ALAMOS	NM (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 11/30/2011 **OFFICE:** AJV-353 **NAME:** JOSE ALFONSO (THERON CYRUS)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SUTGE **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 355551.44N/1060108.69W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Z RWY 27			KLAM	LOS ALAMOS	NM (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 12/07/2011 **OFFICE:** AJV-353 **NAME:** JOSE ALFONSO (THERON CYRUS)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY A CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: YUNSU **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 355128.33N/1060849.90W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 27			KLAM	LOS ALAMOS	NM (US)
IAP	RNAV (GPS) Z RWY 27			KLAM	LOS ALAMOS	NM (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
DELETE FAC 1.
UPDATE FIX USE.
FIX MOVED 1620.43 FT.

DEVELOPED BY: **DATE:** 11/29/2011 **OFFICE:** AJV-353 **NAME:** JOSE ALFONSO (THERON CYRUS)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZEDAN **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 360215.74N/1055929.87W **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	SANTA FE	SAF	VORTAC	L	353.83	006.83	30.00	30.00		11000	17500

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	N	SAF	VORTAC	353.83	173.83	R	1-1 1/2		11000	17500	11	18
2	N		WP	356.83	176.83	R		7	11000	14000	10	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	360354.00N/1055133.00W	7835	4E
2	230	AAO	360251.00N/1055236.00W	7792	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V83	1				
IAP	RNAV (GPS) Y RWY 27		2	KLAM	LOS ALAMOS	NM (US)
IAP	RNAV (GPS) Z RWY 27		2	KLAM	LOS ALAMOS	NM (US)
IAP	ILS OR LOC RWY 2			KSAF	SANTA FE	NM (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
ADDED PAT 2.
MOVED HOLDING LIMITED NOTE FROM REMARKS TO HOLDING RESTRICTIONS.
UPDATE FIX USE.

DEVELOPED BY: **DATE:** 12/07/2011 **OFFICE:** AJV-353 **NAME:** JOSE ALFONSO (THERON CYRUS)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: SAF ATCT, ABQ APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZUTPA **STATE:** NM **COUNTRY:** US

LATITUDE/LONGITUDE: 355230.16N/1061433.99W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) Y RWY 27			KLAM	LOS ALAMOS	NM (US)
IAP	RNAV (GPS) Z RWY 27			KLAM	LOS ALAMOS	NM (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
REMOVED FAC 1.
FIX MOVED 1822.63 FT EAST.
UPDATE FIX USE.

DEVELOPED BY: **DATE:** 11/29/2011 **OFFICE:** AJV-353 **NAME:** JOSE ALFONSO (THERON CYRUS)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAB
ATC FACILITY: ABQ APP CON
OTHER:

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **LOS ALAMOS** STATE: **NM**

AIRPORT NAME: **LOS ALAMOS** ID: **KLAM**

PROCEDURE: **RNAV (GPS) Z RWY 27** 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 **2.90**
   (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 **282.48**
4. High Terrain in **FINAL** segment containing 1000' point **7143**
5. Distance from **THLD** to 1500' point **4.97**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.57**
7. True Course of **FINAL** segment containing 1500' point **282.48**
8. High Terrain in **FINAL** segment containing 1500' point **7143**
9. Threshold Coordinates (if straight-in) ... **355240.49N** / **1061531.67W**
10. ARP Coordinates ..... **355246.87N** / **1061607.27W**
11. Runway Approach End and distance furthest from ARP.....RWY **09**
    Distance **0.49** NM
12. FAF Coordinates ..... **355128.33N** / **1060849.90W**
    (Click to Select)

REMARKS: Approach/Drawing attached. MAP (ZUTPA) LAT/LONG: 355230.16N/1060849.90W