

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				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LP: ZUTPA LNAV: ZUTPA	
VECUT (IAF)	ASHLY (FB)	332.22 / 4.86	9500	CLIMBING RIGHT TURN TO 11000 DIRECT ZEDAN AND HOLD.	
ASHLY (IF)	YUNSU (FB)	302.06 / 5.16	8900		
YUNSU (FAF)	ZUTPA (MAP) (FO)	272.48 / 4.77	11000	ADDITIONAL FLIGHT DATA: HOLD N, RT, 176.83 INBOUND. CHART ARRIVAL HOLDING AT VECUT: HOLD S, LT, 356.83 INBOUND, 11000. CHART FAS OBST: 7139 TREE 355239N/1061508W CHART FAS OBST: 7159 TREE 355318N/1061533W CHART R-5101. WAAS CHANNEL # 82028 REFERENCE PATH ID: W27A YUNSU TO RW27: 3.00/45 LTP HAE: 2138.6 M	
ZUTPA (MAP)	7571 MSL	272.48			
7571 MSL	ZEDAN (FO)				

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT ASHLY
- FAC: 272.48 FAF: YUNSU DIST FAF TO MAP: 4.77 THLD: 5.57
- MIN. ALT: ASHLY 9500, YUNSU 8900
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCP: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: ZUTPA 13900

MAG VAR: 10E EPOCH YEAR: 2005

MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			STANDARD @					
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	PAT/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 *LNAV MISSED 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.

CITY AND STATE LOS ALAMOS, NM	ELEVATION: 7171 THRE: 7080 AIRPORT NAME: LOS ALAMOS	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 27, AMDT 1 31 MAY 2012	SUP: RNAV (GPS) RWY 27 AMDT: ORIG DATED 03/15/2007
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLAM
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
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 077ACF04

ADDITIONAL PATH POINT RECORD INFORMATION

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

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	AIRPORT NAME: LOS ALAMOS			AMDT: ORIG
				DATED: 03/15/2007

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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
	VE CUT	VE CUT	010	IAF	IF		FB				AA 11000	
	VE CUT	ASHLY	020		TF		FB	1.0	332.2(342.2T)	004.9	AA 09500	
		ASHLY	010	FACF	IF		FB				AA 09500	
		YUNSU	020	FAF	TF		FB	0.5	302.1(312.1T)	005.2	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
	ASHLY	N354800.58	W1060406.99	N3548.010	W10604.117
	VE CUT	N354322.24	W1060217.41	N3543.371	W10602.290
	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

CITY AND STATE LOS ALAMOS, NM	ELEVATION: 7171	THRE: 7080	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 27
	AIRPORT NAME:	LOS ALAMOS	RNAV	RNAV (GPS) Y RWY 27, AMDT 1	AMDT: ORIG
				31 MAY 2012	DATED: 03/15/2007