

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
FAR 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	
EWLEP (IAF)	AYXOS (NOPT) (FB)	227.20 / 5.00	5600	LPV: DA LNAV: RW33  CLIMB TO 5600 DIRECT AHUJ AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD NW, RT, 136.95 INBOUND. CHART FAS OBST: 3574 TOWER 404949N/1014140W DISTANCE TO THLD FROM 285 HAT: 0.78 NM. CHART VDP AT 1.19 MILES TO RW33* *LNAV ONLY. WAAS CHANNEL # 62908 REFERENCE PATH ID: W33A
VOGXY (IAF)	AYXOS (NOPT) (FB)	047.08 / 5.00	5600	
AYXOS (IF/IAF)	IYAYU (FB)	317.14 / 6.12	5200	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE AYXOS, RT, 317.14 INBOUND, 5600 FT. IN LIEU OF PT (IAF)
- FAC: 317.09 FAF: IYAYU DIST FAF TO MAP: 5.38 THLD: 5.38
- MIN. ALT: AYXOS 5600, IYAYU 5200, FOMUK/3.00 NM TO RW33 4400\*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 5200 GS ALT AT: IYAYU OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 9E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X											
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	
LPV DA	3710	1	285	3710	1	285		NA			NA					
LNAV MDA	3840	1	415	3840	1	415		NA			NA					
CIRCLING	3900	1	475	3980	1	555		NA			NA					

NOTES:  
CHART NOTE: DME/DME RNP-0.3 NA.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OGALLALA ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET AND LPV ALL CATS VISIBILITY 1/4 MILE.  
CHART NOTE: VDP NA WHEN USING OGALLALA ALTIMETER SETTING.  
\*LNAV ONLY.

CITY AND STATE	ELEVATION: 3425 TDZE: 3425	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, AMDT 1 31 JUL 2008	SUP:
GRANT, NE	AIRPORT NAME: GRANT MUNI			AMDT: ORIG
				DATED 06/13/2008

QUALITY  
CHECKED

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## TAA

	FROM	TO	ALT
1.	227/30 CW 047/30 (NOPT)	AYXOS (IF/IAF)	5600
2.	047/30 CW 137/30	VOGXY (IAF)	5600
3.	137/30 CW 227/30	EWLEP (IAF)	5600

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGGF
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	405154.7290N
LTP/FTP LONGITUDE	1014344.5210W
LTP/FTP ELLIPSOIDAL HEIGHT	+10217
FPAP LATITUDE	405308.6800N
FPAP LONGITUDE	1014450.1300W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1288
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

051B5716

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+10431
FPAP ORTHOMETRIC HEIGHT	+10431

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**ARINC PACKET - 424-18**[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KGGFK3FR33	AAYXOS	010AYXOSK3EA0EE	CR	HF			31710050	+	05600	18000		A JS	
SUSAP KGGFK3FR33	AEWLEP	010EWLEPK3EA0E	A	IF						18000		A JS	
SUSAP KGGFK3FR33	AEWLEP	020AYXOSK3EA0EE		010TF			22720050	+	05600			A JS	
SUSAP KGGFK3FR33	AVOGXY	010VOGYXK3EA0E	A	IF						18000		A JS	
SUSAP KGGFK3FR33	AVOGXY	020AYXOSK3EA0EE		010TF			04710050	+	05600			A JS	
SUSAP KGGFK3FR33	R	010AYXOSK3EA0E	I	IF				+	05600	18000		A JS	
SUSAP KGGFK3FR33	R	020IYAYUK3EA1E	F	051TF			31710061	+	05200			A JS	
SUSAP KGGFK3FR33	R	020IYAYUK3EA2WALPV			N	ALNAV						JS	
SUSAP KGGFK3FR33	R	021FOMUKK3EA0E	S	031TF			31710024	V	0440004433		-300	A JS	
SUSAP KGGFK3FR33	R	030RW33 K3PG0GY	M	031TF			31710030		03462		-300	A JS	
SUSAP KGGFK3FR33	R	040AHHUJK3EA0EYM		010DF				+	05600			A JS	
SUSAP KGGFK3FR33	R	050AHHUJK3EA0EE		HR020HM			13700050	+	05600			A JS	

[illegible][illegible]

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SUSAP KGGFK3PR33 RW33 001 0000W33A0N4051547290W10143445210+102170300N4053086800W10144501300106751288000400F400500051B5716  
SUSAP KGGFK3PR33 RW33 002E +10431+10431LPV 62908 000

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AYXOS	AYXOS	010		HF	R	FB		317.1 (326T)	005.0	05600
	EWLEP	EWLEP	010	IAF	IF		FB				
	EWLEP	AYXOS	020		TF		FB	1.0	227.2 (236T)	005.0	05600
	VOGXY	VOGXY	010	IAF	IF		FB				
	VOGXY	AYXOS	020		TF		FB	1.0	047.1 (056T)	005.0	05600
		AYXOS	010	FACF	IF		FB				05600
		IYAYU	020	FAF	TF		FB	0.5	317.1 (326T)	006.1	05200
		FOMUK	021	SDF	TF		FB	0.3	317.1 (326T)	002.4	04400
		RW33	030	MAP	TF		FO	0.3	317.1 (326T)	003.0	03462

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AHHUJ	040		DF		FO	1.0			05600
	AHHUJ	050		HM	R	FO	2.0	137.0 (146T)	005.0	05600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AHHUJ	N410206.34	W1015248.66	N4102.106	W10152.811
	AYXOS	N404221.74	W1013517.88	N4042.362	W10135.298
	EWLEP	N404508.87	W1012950.08	N4045.148	W10129.835
	FOMUK	N404925.30	W1014132.11	N4049.422	W10141.535
	IYAYU	N404726.89	W1013947.32	N4047.448	W10139.789
	VOGXY	N403934.35	W1014045.22	N4039.573	W10140.754
	RW33	N405154.73	W1014344.52	N4051.912	W10143.742

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW33	03422	40

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