

U.S. 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												
TOLGA (IAF)(40E)(43A)	USOWE (TF)(FB)(40E)(41E)	133.54/17.09	7000	LPV: DA LNAV/VNAV: NA LNAV: RW16  CLIMB TO 9000 DIRECT HIPVO AND VIA 139.00 TRACK TO NUDEQ AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9000.											
ATOKE (IAF)(40E)(43A)	USOWE (TF)(FB)(40E)(41E)	221.13/26.43	7000												
USOWE (IF)(40E)(43I)	EGHEB (TF)(FB)(40E)(42S)	163.00/4.00	6400	ADDITIONAL FLIGHT DATA: HOLD SE, RT, 327.87 INBOUND. CHART FAS OBST: 2869 TREE 452306N/1175945W CHART VDP AT 5.31 MILES TO RW16* * LNAV ONLY DISTANCE TO THLD FROM 1459 HAT: 4.47 NM ROUTE TYPE DESCRIPTION: A, R APPROACH ROUTE QUALIFIER 1: W, J APPROACH ROUTE QUALIFIER 2: S WAAS CHANNEL # 66000 REFERENCE PATH ID: W16A CHART: APT ELEV: 2717, TDZE: 2714											
EGHEB (40E)(42S)	LIPMY (TF)(FB)(40E)(43F)	163.00/10.00	4800												
LIPMY (FAF)(40E)(43F)	RW16 (TF)(FO)(40G)(41Y)(43M)	163.00/6.32													
RW16 (MAP)(40G)(41Y)(43M)	3117 MSL (CA)(42M)	163.00													
3117 MSL	HIPVO (DF)(FB)(40E)														
HIPVO (40E)	NUDEQ (TF)(FO)(40E)(41E)(43H)	139.00/12.27	9000												
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)				MAG VAR: 17E      EPOCH YEAR: 2000											
2. PROFILE STARTS AT USOWE															
3. FAC: <u>163.00</u> FAF: <u>LIPMY</u> DIST FAF TO MAP: <u>6.32</u> THLD: <u>6.32</u>															
4. MIN. ALT: <u>USOWE 7000, EGHEB 6400, LIPMY 4800</u>															
5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u>															
6. MIN GS INCPT: <u>4800</u> GS ALT AT: <u>      </u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u>															
7. GS ANGLE: <u>3.00</u> TCH: <u>35.0</u> 34:1 IS CLEAR															
8. MSA FROM: <u>RW16 10900</u>															
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	4173	2	1459	4173	2	1459	4173	3	1459	4173	3	1459			
LNAV/VNAV DA		NA			NA			NA			NA				
LNAV MDA	4440	1 1/4	1726	4440	1 1/2	1726	4440	3	1726	4440	3	1726			
CIRCLING	4440	6	1723	4440	6	1723	4440	6	1723	4440	6	1723			
NOTES: CHART NOTES: DME/DME RNP -0.3 NA. IF LOCAL ALTIMETER SETTING NOT RECEIVED PROCEDURE NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TOLGA VIA V357 NORTHWEST, AND ARRIVALS AT ATOKE VIA V182 NORTHEAST BOUND. CHART PLANVIEW AND PROFILE NOTES: LPV - FLY VISUAL TO AIRPORT, 163 ° - 4.5 MILES															
CITY AND STATE		ELEVATION: 2717 TDZE: 2714		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:				SUP:					
LA GRANDE, OR		AIRPORT NAME: LA GRANDE/UNION COUNTY		RNAV		JUN 8 2006 RNAV (GPS) RWY 16, ORIG				AMDT: NONE					
										DATED					



## U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

## STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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## FAS DATA BLOCK INFORMATION

## DATA FIELD

## DATA

OPERATION TYPE 0  
SBAS SERVICE PROVIDER IDENTIFIER 0  
AIRPORT IDENTIFIER KLGD  
RUNWAY NUMBER RW16  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR 0  
REFERENCE PATH IDENTIFIER (APPROACH ID) W16A  
LTP/FTP LATITUDE 451739.6400N  
LTP/FTP LONGITUDE 1180040.3100W  
LTP/FTP ELLIPSOIDAL HEIGHT +08096  
FPAP LATITUDE 451610.5500N  
FPAP LONGITUDE 1180040.3100W  
THRESHOLD CROSSING HEIGHT (TCH) 00035.0  
TCH UNITS SELECTOR (METERS OR FEET USED) F  
GLIDE PATH ANGLE (GPA) 03.00  
COURSE WIDTH AT THRESHOLD 106.75  
LENGTH OFFSET 1720  
HORIZONTAL ALERT LIMIT (HAL) 40.0  
VERTICAL ALERT LIMIT (VAL) 50.0

## CRC REMAINDER

B4FEB322

## ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K1  
LTP ORTHOMETRIC HEIGHT +08273  
FPAP ORTHOMETRIC HEIGHT +08273

CITY AND STATE

LA GRANDE, OR

ELEVATION:

2717 TDZE:

2714

AIRPORT NAME:

LA GRANDE/UNION COUNTY

FACILITY

IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

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RNAV (GPS) RWY 16, ORIG

SUP:

AMDT: NONE

DATED:

