

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> LGD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> LA GRANDE	<u>STATE</u> OR
<u>AIRPORT ELEVATION</u> 2718	<u>TDZE</u> 2714	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>DATED</u> 10/07/2021	<u>MAG VAR</u> 14E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ORIGINAL/AMENDMENT</u> 1	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2020
		<u>ACTUAL EFFECTIVE DATE</u> 12 JUNE 2025	<u>CANCEL/SUSPEND</u>	

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
TOLGA	IAF	ZALKU	NOPT	TF	FB	1.00	134.40	10.00	7500
ZALKU		USOWE		TF	FB	1.00	134.77	7.42	7500
ATOKE	IAF	USOWE	NOPT	TF	FB	1.00	223.36	25.83	7500
USOWE	IF/IAF	EGHEB		TF	FB	1.00	169.02	4.00	6400
EGHEB		CEPIP		TF	FB	1.00	169.03	7.06	5200
CEPIP		LIPMY		TF	FB	1.00	169.02	2.00	5100
LIPMY	FAF	RW17	MAP	TF	FO	0.30	166.02	7.38	
RW17	MAP	4600 MSL		CA			166.02		4600
4600 MSL		NUDEQ		DF	FO	1.00			9000

MISSED APPROACH

MAP:

LPV: DA
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4600 THEN CLIMBING LEFT TURN TO 9000 DIRECT NUDEQ AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT**
- SIDE OF COURSE**
- OUTBOUND**
- FT WITHIN**
- MILES OF (IAF)**
- HOLD N USOWE, RT, 169.02 INBOUND, 7500 FT. IN LIEU OF PT (IAF), MAX 10000.**
- FAC:** 166.02 **FAF:** LIPMY **DIST FAF TO MAP:** 7.38 **DIST FAF TO THLD:** 7.38
- MIN ALT:** USOWE 7500, EGHEB 6400, CEPIP 5200, LIPMY 5100
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **1443 HAT:** 4.37 **GS ANT:**
- MIN GP INCPT:** 5100 **GP ALT AT PFAF:** LIPMY 5100 **OM:** **MM:** **IM:**
- GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 35.0
- MSA FROM:** RW17 10900

QUALITY
8
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA FOR CATS C AND D SW OF RWY 12-30.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TOLGA ON V357 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ATOKE ON V182 NORTHEAST BOUND.
CHART PLANVIEW AND PROFILE NOTES: *FOR LPV FLY VISUAL TO AIRPORT, 166 DEGREES-4.37 NM.
CHART NOTE: FLY VISUAL TO AIRPORT AUTHORIZED DURING DAY ONLY.
CHART NOTE: *DAY VISIBILITY MINIMUMS 3 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 325.95 INBOUND.
FAS OBST: 3002 AAO 452512N/1175951W.
CHART VDP AT 5.54 NM TO RW17.
WAAS CHANNEL # 66000
REFERENCE PATH ID: W17A
CHART CIRCLING ICON.
LTP HAE: 809.4 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ CAT A, B, C, D 1900-6

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA*	4157	6	1443	4157	6	1443	4157	6	1443	4157	6	1443			
LNAV MDA	4540	1 1/4	1826	4540	1 1/2	1826	4560	3	1846	4580	3	1866			
CIRCLING	4540	1 1/4	1822	4540	1 1/2	1822	4560	3	1842	4580	3	1862			



CHANGES - REASONS

1. TERMINAL ROUTES: TOLGA TO ZALKU, ADDED FIX TYPE "NOPT", UPDATED ALTITUDE FROM "7100" TO "7500" - ADDITION OF HIL, INCREASED IF ALTITUDE, PER FPT CHECKLIST.
2. TERMINAL ROUTES: ZALKU TO USOWE, UPDATED ALTITUDE FROM "7100" TO "7500" - INCREASED ALTITUDE FOR HIL, PER FPT CHECKLIST.
3. TERMINAL ROUTES: ATOKE TO USOWE, ADDED FIX TYPE "NOPT", UPDATED ALTITUDE FROM "7100" TO "7500" - ADDITION OF HIL, INCREASED IF ALTITUDE, PER FPT CHECKLIST.
4. TERMINAL ROUTES: USOWE TO EGHEB, UPDATED FIX TYPE FROM "IF" TO "IF/IAF" - ADDITION OF HIL AT USOWE, PER FPT CHECKLIST.
5. PROFILE LINE 2: UPDATED FROM "PROFILE STARTS AT USOWE" TO "HOLD N USOWE, RT, 169.02 INBOUND, 7500 FT. IN LIEU OF PT (IAF), MAX 10000" - ADDITION OF HIL.
6. PROFILE LINE 4: UPDATED FROM "USOWE 7100, EGHEB 6400, CEPIP 5200, LIPMY 5100" TO "USOWE 7500, EGHEB 6400, CEPIP 5200, LIPMY 5100" - INCREASED ALTITUDE AT USOWE FOR HIL.
7. PROFILE LINE 5: UPDATED FROM "1398 HAT: 4.23" TO "1443 HAT: 4.37" - IAW 8260.19J 8-6-7 E, NEW CONTROLLING OBSTACLE.
8. PROFILE LINE 8: UPDATED FROM "MSA FROM: RW17 10800" TO "MSA FROM: RW17 10900" - NEW CONTROLLING OBSTACLE.
9. NOTES: UPDATED FROM "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TOLGA ON V357 NORTHWEST, AND ARRIVALS AT ATOKE ON V182 NORTHEAST BOUND" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TOLGA ON V357 NORTHWEST BOUND" AND "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ATOKE ON V182 NORTHEAST BOUND" - SEPARATED NOTES, MISSING "BOUND".
10. NOTES: UPDATED FROM "CHART PLANVIEW AND PROFILE NOTES: *FOR LPV FLY VISUAL TO AIRPORT, 166 DEGREES-4.23 NM" TO "CHART PLANVIEW AND PROFILE NOTES: *FOR LPV FLY VISUAL TO AIRPORT, 166 DEGREES-4.37 NM" - INCREASED HAT INCREASES DISTANCE TO THRESHOLD.
11. ADDITIONAL FLIGHT DATA: UPDATED FROM "FAS OBST: 2970 AAO 452323N/1180014W" TO "FAS OBST: 3002 AAO 452512N/1175951W" - UPDATED FINAL NON-PRECISION CONTROLLING OBSTACLE, IAW 8260.19J 8-6-11 C.
12. ADDITIONAL FLIGHT DATA: UPDATED FROM "CHART VDP AT 5.48 NM TO RW17" TO "CHART VDP AT 5.54 NM TO RW17" - IAW 8260.3F 2-6-5 B, FORMULA 2-6-5.
13. ADDITIONAL FLIGHT DATA: UPDATED FROM "LTP HAE: 809.5 M" TO "LTP HAE: 809.4 M" - RUNWAY ELLIPSOID ELEVATION CHANGED FROM 2655.8 TO 2655.6 IN AIRNAV.
14. MINIMUMS ALTERNATE: UPDATED FROM "NA" TO "CAT A, B, C, D 1900-6" - IAW 8260.19J 8-6-12 B.
15. MINIMUMS: LPV ALL CATS DA / VIS / HAT UPDATED FROM "4112 / 5 / 1398" TO "4157 / 6 / 1443" - NEW MISSED PENETRATION CONTROLLING OBSTACLE.
16. MINIMUMS: LNAV MDA / HAT UPDATED FROM CATS C/D "4540 / 1826" TO "CAT C 4560 / 1846, AND CAT D 4580 / 1866" - NEW MISSED PENETRATION CONTROLLING OBSTACLE.
17. MINIMUMS: CIRCLING MDA / HAA UPDATED FROM CATS C/D "4540 / 1826" TO "CAT C 4560 / 1846, AND CAT D 4580 / 1866" - NEW CONTROLLING OBSTACLE FOR STRAIGHT IN.
18. FAS DATA: CRC REMAINDER CHANGE FROM "5DE166A3" TO "62E2A5A9" - LTP/FTP LAT/LONG FROM "451734.8390N/1180040.3025W" TO "451734.8240N/1180040.3025W", LTP/FTP ELLIPSOIDAL HEIGHT FROM "+08095" TO "+08094", FPAP LAT/LONG FROM "451605.7530N/1180040.3345W" TO "451605.7380N/1180040.3360W".

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBAA

☒

OTHER: ZSE, ZLC, AMGR

FLIGHT CHECKED BY

WENDI S GIMA

Digitally signed by

RAKE MCGRAW

Mar 28, 2025

OFFICE

AJF

DATE

03/25/2025

DEVELOPED BY

DANIEL WESTON

Digitally signed by

DANIEL L WESTON

Feb 13, 2025

OFFICE

AJV-A422

DATE

10/25/2024

APPROVED BY

RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Mar 28, 2025

OFFICE

AJV-A422

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLGD
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	451734.8240N
LTP/FTP LONGITUDE	1180040.3025W
LTP/FTP ELLIPSOIDAL HEIGHT	+08094
FPAP LATITUDE	451605.7380N
FPAP LONGITUDE	1180040.3360W
THRESHOLD CROSSING HEIGHT (TCH)	00035.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1712
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	62E2A5A9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+08272
FPAP ORTHOMETRIC HEIGHT	+08272

