

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</u> LAMPASAS	<u>AIRPORT ID</u> KLZZ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> LAMPASAS	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 1214	<u>TDZE</u> 1190	<u>SUPERSEDED</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 12/17/2009	<u>MAG VAR</u> 8E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 11 OCTOBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1980

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>
LLO VORTAC		NOTAW		TF	FB	2.00	070.42	28.16	3200
NOTAW	IAF	HUGOD	NOPT	TF	FB	1.00	072.69	5.00	3200
JODEB	IAF	HUGOD	NOPT	TF	FB	1.00	252.79	5.00	3200
HUGOD	IF/IAF	CUDEG		TF	FB	1.00	342.74	7.01	2800
CUDEG	FAF	RW34	MAP	TF	FO	0.30	342.73	4.96	
RW34	MAP	1614 MSL		CA			342.73		
1614 MSL		GUBVE		DF	FB	1.00			
GUBVE		AGJ VORTAC		TF	FO	1.00	063.20	3.56	3000

MISSED APPROACH

MAP:

LNAV: RW34

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT GUBVE AND ON TRACK 063.20 TO AGJ VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD S HUGOD, RT, 342.74 INBOUND, 3200 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 342.73FAF: CUDEGDIST FAF TO MAP: 4.96DIST FAF TO THLD: 4.96

4. MIN ALT: HUGOD 3200, CUDEG 2800

5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT:MM:IM:

6. MIN GP INCPT:GP ALT AT FAF :OM:MM:IM:

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS CLEARTCH:

8. MSA FROM: RW34 4100

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 16 NA AT NIGHT.
CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LLO VORTAC AIRWAY RADIALS 018 CW 120.

ADDITIONAL FLIGHT DATA:

CUDEG TO RW34: 3.04/40.
CHART VDP AT 1.33 NM TO RW34
CHART FAS OBST: 1316 TOWER 310504N/0981103W.
HOLD N, RT, 190.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA☐ STANDARD

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
LNAV MDA	1620	1	430	1620	1	430	1620	1 1/4	430		NA				
CIRCLING	1680	1	466	1720	1	506	1720	1 1/2	506		NA				



CHANGES - REASONS

1. ADDED RNP VALUES TO TERMINAL ROUTES - IAW 8260.19H 8-6-4 A (6).
2. CHANGED MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 3000 DIRECT GUBVE AND VIA TRACK 063.20 TO AGJ VORTAC AND HOLD TO CLIMB TO 3000 DIRECT GUBVE AND ON TRACK 063.20 TO AGJ VORTAC AND HOLD - IAW 8260.19H PARA 8-6-6 D.
3. ADDED MAXIMUM ALTITUDE 6000 TO HOLDING PATTERN IN-LIEU-OF-PT ON LINE 2 - IAW 8260.19H PARA 8-6-7 B (2).
4. CHANGED 34:1 IS CLEAR TO 34:1 IS NOT CLEAR AND ADDED 20:1 IS CLEAR TO LINE 7 - IAW 8260.19H PARA 8-6-7 G (3) AND NEW SURVEY OBSTACLES.
5. UPDATED AIRPORT ELEVATION FROM 1215 TO 1214 AND TDZE FROM 1198 TO 1190 - UPDATED AIRPORT SURVEY.
6. INCREASED LNAV HAT FROM 422 TO 430 ALL CATS AND CIRCLING HAA'S FROM CAT A 465 TO 466, CAT S B AND C FROM 505 TO 506 - UPDATED AIRPORT SURVEY, TDZE AND AIRPORT ELEVATION UPDATED.
7. DELETED DME/DME RNP -0.3 NA - REPLACED WITH NAVSPEC NOTE.
8. ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H PARA 8-6-8 B (1).
9. DELETED BACKUP ALTIMETER AND ASSOCIATED VDP NA NOTE - ALTIMETER SOURCE ON WMSCR AND DEEMED RELIABLE.
10. ADDED CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - 34:1 PENETRATIONS PER 8260.19H SECTION 8-8 C (11).
11. ADDED CA LEG TO THE MISSED APPROACH SEGMENT - IAW 8260.58A PARA 3-5-2.
12. ADDED CHART NOTE: CIRCLING RWY 16 NA AT NIGHT - 20:1 PENETRATION AND IAW 8260.19H PARA 8-6-11 O 2(G).
13. DELETED PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY AT JODEB - RADAR NOT REQUIRED FOR GPS PROCEDURES.
14. CHANGED FAS OBSTACLE FROM 1497 TOWER TO 1316 TOWER - NEW FINAL EVALUATION.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU ARTCC, AIRPORT MANAGER.

FLIGHT CHECKED BY

ZACK SMYER

Digitally signed by
DONALD H LANIER
Aug 15, 2018

OFFICE

FICO

DATE

08/09/2018

DEVELOPED BY

FRANK JACKSON JR

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06/25/2018

APPROVED BY

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TITLE
MANAGER