

**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><b>AIRPORT ID</b></u> KAQO	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 35	<u><b>ORIGINAL/AMENDMENT</b></u> 1	<u><b>CITY</b></u> LLANO	<u><b>STATE</b></u> TX		
<u><b>AIRPORT ELEVATION</b></u> 1102	<u><b>TDZE</b></u> 1102	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 35	<u><b>ORIGINAL/AMENDMENT</b></u> ORIG-B	<u><b>DATED</b></u> 11/07/2019	<u><b>MAG VAR</b></u> 5E	<u><b>EPOCH YEAR</b></u> 2010
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 23 FEBRUARY 2023	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
CORVY	IAF	IYMUD	NOPT	TF	FB	1.00	041.09	6.30	3500
AMUSE	IAF	IYMUD	NOPT	TF	FB	1.00	285.42	20.14	3500
IYMUD	IF/IAF	ZEBNO		TF	FB	1.00	354.21	6.00	3100
ZEBNO	FAF	KOPFY/3.19 NM TO RW35		TF	FB	0.30	354.21	3.07	
KOPFY/3.19 NM TO RW35		RW35	MAP	TF	FO	0.30	354.21	3.19	
RW35	MAP	1480 MSL		CA			354.21		
1480 MSL		AKEY		DF	FO	1.00			3300

**MISSED APPROACH**

**MAP:**

LNAV: RW35

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3300 DIRECT AKEY AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S IYMUD, RT, 354.21 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 354.21FAF: ZEBNODIST FAF TO MAP: 6.25DIST FAF TO THLD: 6.25

4. MIN ALT: IYMUD 3500, ZEBNO 3100, KOPFY/3.19 NM TO RW35 2140

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

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

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

8. MSA FROM: RW35 3700

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.  
CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AMUSE ON V565 SOUTHEAST BOUND, V306 EASTBOUND, AND V163 SOUTHBOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CORVY ON V568 SOUTHBOUND AND V306 WESTBOUND.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 174.21 INBOUND.  
CHART FAS OBST: 1259 WATER\_TOWER (48-078034) 304619N/0984028W.  
1320 AAO 304314N/0983926W.  
ZEBNO TO RW35: 2.95/40.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	1480	1	378	1480	1	378		NA			NA				



**CHANGES - REASONS**

PURPOSE FOR AMENDMENT: MOVED FAF AND SDF TO ALIGN PROCEDURE TO WITHIN 0.20 DEGREES OF NEW RUNWAY VGSI OF 27.5/40.

ALL CHANGES FROM PNOTAMS ORIG-A AND ORIG-B HAVE BEEN INCORPORATED INTO THIS PROCEDURE.

TERMINAL ROUTES: CHANGED IYMUD TO ZEBNO DISTANCE FROM 6.20 TO 6.00 - NEW FAF LOCATION DUE TO MATCHING PROCEDURE TO RUNWAY VGSI AND TCH.

LINE 2: ADDED ", MAX 6000" - MAXIMUM HOLDING ALTITUDE AT IYMUD.

LINE 3: CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 6.05 TO 6.25 - NEW FAF LOCATION.

LINE 7: ADDED NOTE 20:1 IS NOT CLEAR - IAW 8260.19I, 8-6-7.G.(3).

PBN REQUIREMENTS NOTES: ADDED RNP APCH - GPS - IAW 8260.19I, 8-6-8.B.(1).

NOTES: DELETED NOTE DME/DME RNP-0.3 NA - INCORPORATED CHANGES FROM PNOTAM AMENDMENT ORIG-A.

NOTES: CHANGED PLANVIEW NOTE FROM PROCEDURE NA FOR ARRIVALS AT CORVY VIA V568 SOUTHBOUND TO PROCEDURE NA FOR ARRIVALS AT CORVY ON V568 SOUTHBOUND AND V306 WESTBOUND - IAW 8260.19I, 8-2-5.E.

NOTES: CHANGED PLANVIEW NOTE FROM PROCEDURE NA FOR ARRIVALS AT AMUSE VIA V565 SOUTHBOUND TO PROCEDURE NA FOR ARRIVALS AT AMUSE ON V565 SOUTHEAST BOUND, V306 EASTBOUND, AND V163 SOUTHBOUND - IAW 8260.19I, 8-2-5.E.

REMOVED BACKUP ALTIMETER AND ASSOCIATED VDP NA NOTE - MOVED TO -9 AS A CONTINGENCY.

ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM 1204 TREE 304543N/0983926W TO 1259 WATER\_TOWER (48-078034) 304619N/0984028W- IAW 8260.19I, 8-6-10.E.

ADDITIONAL FLIGHT DATA: ADDED 1320 AAO 304314N/0983926W - IAW 8260.19I, 8-6-10.E.

ADDITIONAL FLIGHT DATA: CHANGED ZEBNO TO RWY 35 FROM 3.05/40 TO 2.95/40 - NEW VGSI DATA.

MINIMUMS: REDUCED LNAV MDA/HAT FROM 1560/458 TO 1480/378 - CURRENT OBSTACLES.

MINIMUMS: DELETED CIRCLING MINS - INCORPORATED CHANGES FROM PNOTAM AMENDMENT ORIG-B.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU, AMGR

*Digitally signed by*

**JASON KRETSCHMER**

Dec 22, 2022

*Digitally signed by*

**DALE P SICKELS**

Oct 27, 2022

*Digitally signed by*

**JASON KRETSCHMER**

Oct 28, 2022

**OFFICE**

FPO

**DATE**

12/20/2022

**OFFICE**

AJV-A421

**DATE**

10/03/2022

**OFFICE**

AJV-A420

**DATE**

**TITLE**  
MANAGER

**FLIGHT CHECKED BY**

GARY BELL

**DEVELOPED BY**

DALE SICKELS

**APPROVED BY**

MARLON ROBINSON

QUALITY  
10  
CHECKED