

**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> LEVELLAND MUNI	<u>AIRPORT ID</u> KLLN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> LEVELLAND	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 3514	<u>TDZE</u> 3508	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 04/02/2015	<u>MAG VAR</u> 9E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1995

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>
WINNS		JATMI		TF	FB	1.00	041.49	20.07	5500
LBB VORTAC		VITVY		TF	FB	1.00	278.94	17.29	5500
JATMI	IAF	SOMKE	NOPT	TF	FB	1.00	102.75	7.20	5500
VITVY	IAF	SOMKE	NOPT	TF	FB	1.00	242.24	6.50	5500
SOMKE	IF/IAF	RAWNI		TF	FB	1.00	172.56	6.82	5200
RAWNI	FAF	RW17	MAP	TF	FO	0.30	172.56	5.18	
RW17	MAP	3856 MSL		CA			172.56		
3856 MSL		HEGTA		DF	FO	1.00			5500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5500 DIRECT HEGTA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2. HOLD N SOMKE, RT, 172.56 INBOUND, 5500 FT. IN LIEU OF PT (IAF), MAX 10000.
- 3. **FAC:** 172.56 **FAF:** RAWNI **DIST FAF TO MAP:** 5.18 **DIST FAF TO THLD:** 5.18
- 4. **MIN ALT:** SOMKE 5500, RAWNI 5200
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **348 HAT:** 0.94 **GS ANT:**
- 6. **MIN GP INCPT:** 5200 **GP ALT AT FAF :** RAWNI 5200 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 47.0
- 8. **MSA FROM:** RW17 5400

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: BARO-VNAV NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LBB VORTAC AIRWAY RADIALS 216 CW 004.
 CHART NOTE: USE LUBBOCK ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART LUBBOCK PRESTON SMITH INTL ASOS
 WAAS CHANNEL #77631
 REFERENCE PATH ID: W17A
 CHART FAS OBST: 3821 TOWER 333511N/1022251W.
 HOLD S, RT, 352.56 INBOUND
 LTP HAE: 1044.5 M

MINIMUMS:

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

ALTERNATE: NA

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
LPV DA	3856	1 1/8	348	3856	1 1/8	348	3856	1 1/8	348	3856	1 1/8	348			
LNAV/VNAV DA	4268	2 3/4	760	4268	2 3/4	760	4268	2 3/4	760	4268	2 3/4	760			
LNAV MDA	4180	1	672	4180	1	672	4180	1 7/8	672	4180	1 7/8	672			
CIRCLING	4180	1	666	4300	1	786	4320	2 1/4	806	4320	2 1/2	806			



CHANGES - REASONS

1. REMOVED CHART NOTE DME/DME RNP-0.3 NA AND ADDED EQUIPMENT REQUIREMENTS NOTE RNP APCH - IAW 8260.19H PARAGRAPH 1-1-5 F (14).
2. CHANGED CHART NOTE HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED TO RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - IAW 8260.19H PARAGRAPH 8-6-11 K(3).
3. CHANGED MSA FROM 5300 TO 5400- NEW OBSTACLE DATA (INCORPORATES T-NOTAM 8/8441).
4. CHANGED LPV DA FROM 3853 TO 3856 LNAV/VNAV FROM 4265 TO 4268 LNAV HAT ALL CATS FROM 675 TO 672 - CHANGED THRESHOLD ELEVATION TO TOUCHDOWN ZONE ELEVATION (INCORPORATES P-NOTAM 5/6889).
5. UPDATED CIRCLING CAT B FROM 4260 TO 4300 - NEW IDENTIFIED CONTROLLING OBSTACLE FOR CAT B-D.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** LBB APP CON, AMGR.

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by
ROBERT G HAMILTON
Mar 11, 2019

DEVELOPED BY

ROBERT G HAMILTON (JOSHUA DUGAN)

Digitally signed by
ROBERT G HAMILTON
Mar 11, 2019

OFFICE
AJV-A422

DATE
01/30/2019

APPROVED BY

JULIE MORGAN

Digitally signed by
ROBERT G HAMILTON
Mar 11, 2019

OFFICE
A42

DATE
01/30/2019

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLLN
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	333329.5150N
LTP/FTP LONGITUDE	1022220.8630W
LTP/FTP ELLIPSOIDAL HEIGHT	+10445
FPAP LATITUDE	333200.2900N
FPAP LONGITUDE	1022223.7600W
THRESHOLD CROSSING HEIGHT (TCH)	00047.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0888
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0481A01C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+10682
FPAP ORTHOMETRIC HEIGHT	+10682

