

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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.

AIRPORT ID LBB	PROCEDURE NAME RNAV (RNP) Z RWY 17R	ORIGINAL/AMENDMENT ORIG-D	CITY LUBBOCK	STATE TX
AIRPORT ELEVATION 3282	TDZE 3282	SUPERSEDED RNAV (RNP) Z RWY 17R	DATED 06/20/2019	MAG VAR 6E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 12 JUNE 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2020
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
FLOYD		HOFOB		TF	FB	1.00	240.10	20.23	5200
HOFOB	IAF	TUDPY		TF	FB	1.00	263.78	10.00	5100
SPADE		ONEXY		TF	FB	1.00	119.88	7.57	5100
ONEXY	IAF	TUDPY		TF	FB	1.00	083.56	10.00	5100
TUDPY	IF	ZIRIN	PFAF	TF	FB	0.50	173.67	6.01	4400
ZIRIN	PFAF	RW17R	MAP	TF	FO	0.30	173.67	3.31	
RW17R	MAP	ZOVOC		TF	FO	1.00	173.67	12.53	5400

MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5400 ON 173.67 TRACK TO ZOVOC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT TUDPY
- FAC: 173.67 PFAF: ZIRIN DIST PFAF TO MAP: DIST PFAF TO THLD:
- MIN ALT: TUDPY 5100, ZIRIN 4400
- DIST TO THLD FROM OM: 3.31 MM: IM: 150 HAT: 288 HAT: 0.74 GS ANT: MM: IM:
- MIN GP INCPT: 4400 GP ALT AT PFAF: ZIRIN 4400 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 52.3
- MSA FROM: RW17R 5300



PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS, MIN RNP 0.50. AUTHORIZATION REQUIRED.

NOTES:

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT (VGS1 ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -11°C OR ABOVE 54°C.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.16 ALL CATS VISIBILITY TO RVR 4500 AND INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 5500.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SPADE ON V62 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FLOYD ON V14 NORTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 353.67 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												
AUTHORIZATION REQUIRED																
RNP 0.16 DA	3570	2400	288	3570	2400	288	3570	2400	288	3570	2400	288				
RNP 0.30 DA	3641	3000	359	3641	3000	359	3641	3000	359	3641	3000	359				

CHANGES - REASONS

1. INCORPORATED CHANGES FROM FDC NOTAMS FOR AMDTS ORIG-B AND ORIG-C INTO FORM - IAW 8260.19J 8-3-4.C(3).
2. TERMINAL ROUTES: UPDATED FEEDER SEGMENT FLOYD TO HOF0B RNP FROM "2.0" TO "1.0" - IAW 8260.58C, TABLE 1-2-1.
3. TERMINAL ROUTES: UPDATED FEEDER SEGMENT SPADE TO ONEXY RNP FROM "2.0" TO "1.0" - IAW 8260.58C, TABLE 1-2-1.
4. PROFILE LINE 5: UPDATED DISTANCE TO THLD FROM "267 HAT: 0.67 NM" TO "288 HAT: 0.74" - HAT INCREASED, NEW CONTROLLING OBSTACLE, MOVED FROM ADDITIONAL FLIGHT DATA.
5. PROFILE LINE 7: ADDED "20:1 IS CLEAR" - IAW 8260.19J 8-6-7.G(3)(A).
6. PBN REQUIREMENTS NOTE: CHANGED FROM "RNP AR APCH" TO "RNP AR APCH - GPS, MIN RNP 0.50. AUTHORIZATION REQUIRED." - IAW 8260.19J 8-6-8.D.
7. NOTES: DELETED "CHART NOTE: GPS REQUIRED" - NO LONGER REQUIRED DUE TO THE PBN REQUIREMENTS NOTE BEING ADDED.
8. NOTES: UPDATED FROM "CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.16 ALL CATS VISIBILITY TO RVR 4500 AND INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 6000" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.16 ALL CATS VISIBILITY TO RVR 4500 AND INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 5500" - IAW 8260.3F, TABLE 3-3-1.
9. NOTES: UPDATED FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -12C OR ABOVE 51C" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -11C OR ABOVE 54C" - 5YR HISTORICAL WEATHER DATA 2019-2023.
10. ADDITIONAL FLIGHT DATA: REMOVED "ROUTE TYPE DESCRIPTION: A, H" - NO LONGER REQUIRED.
11. ADDITIONAL FLIGHT DATA: REMOVED "ROUTE TYPE QUALIFIER 1: F" - NO LONGER REQUIRED.
12. ADDITIONAL FLIGHT DATA: REMOVED "ROUTE TYPE QUALIFIER 2: S" - NO LONGER REQUIRED.
13. ADDITIONAL FLIGHT DATA: REMOVED "#TCH 3334.70 (DO NOT CHART)" - NO LONGER REQUIRED.
14. MINIMUMS: RNP 0.16 DA/HAT CHANGED FROM "3549/267" TO "3570/288" - NEW CONTROLLING OBSTACLE AND CLEARED T-NOTAM 3/8313.
15. MINIMUMS: RNP 0.30 DA/HAT CHANGED FROM "3639/357" TO "3641/359" - NEW CONTROLLING OBSTACLE AND CLEARED T-NOTAM 3/8313.



AIRPORT ID
LBB

PROCEDURE NAME
RNAV (RNP) Z RWY 17R

ORIGINAL/AMENDMENT
ORIG-D

CITY
LUBBOCK

STATE
TX

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZFW, AMGR, LBB ATCT.

FLIGHT CHECKED BY

BRIAN HARRELSON

Digitally signed by

ROBERT G HAMILTON

Mar 06, 2025

OFFICE

AJF

DATE

03/05/2025

DEVELOPED BY

ROBERT G HAMILTON (PHILLIP T. HILL)

Digitally signed by

ROBERT G HAMILTON

Mar 06, 2025

OFFICE

AJV-A433

DATE

09/17/2024

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Mar 06, 2025

OFFICE

AJV-A433

DATE

TITLE

MANAGER

