

**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.

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SUPERSEDED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

**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:**

- |                          |                         |                            |                   |          |               |                    |
|--------------------------|-------------------------|----------------------------|-------------------|----------|---------------|--------------------|
| 1. PT                    | SIDE OF COURSE          | OUTBOUND                   | FT WITHIN         | MILES OF | (IAF)         |                    |
| 2.                       | PROFILE STARTS AT TUDPY |                            |                   |          |               |                    |
| 3. FAC:                  | 173.67                  | PFAF: ZIRIN                | DIST PFAF TO MAP: |          |               | DIST PFAF TO THLD: |
| 4. MIN ALT:              | TUDPY 5100, ZIRIN 4400  |                            |                   |          |               |                    |
| 5. DIST TO THLD FROM OM: | 3.31                    | MM:                        | IM:               | 150 HAT: | 288 HAT: 0.74 | GS ANT:            |
| 6. MIN GP INCPT:         | 4400                    | GP ALT AT PFAF: ZIRIN 4400 |                   | OM:      | MM:           | IM:                |
| 7. GP ANGLE:             | 3.00                    | 34:1: IS CLEAR             | 20:1: IS CLEAR    | TCH:     | 52.3          |                    |
| 8. MSA FROM:             | RW17R 5300              |                            |                   |          |               |                    |



PBN REQUIREMENTS NOTE:

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

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI 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	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	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 HOFOB 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.



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

