

**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 ID</u> CFD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> BRYAN	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 367	<u>TDZE</u> 367	<u>SUPERSEDED</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 11/07/2019
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MARCH 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 4E
				<u>EPOCH YEAR</u> 2010
				<u>CANCEL/SUSPEND</u>

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>
ANABE	IAF	WOTPO		TF	FB	1.00	237.75	6.00	2000
HOBEX	IAF	WOTPO		TF	FB	1.00	057.65	6.00	2000
WOTPO	IF	TEYUP		TF	FB	1.00	327.70	5.93	2000
TEYUP	FAF	OROCE/2.80 NM TO RW33		TF	FB	0.30	327.67	2.20	
OROCE/2.80 NM TO RW33		RW33	MAP	TF	FO	0.30	327.66	2.80	
RW33	MAP	642 MSL		CA			327.66		
642 MSL		NUCIB		DF	FO	1.00			2500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 DIRECT NUCIB AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT WOTPO
- FAC: 327.67 FAF: TEYUP DIST FAF TO MAP: 5.00 DIST FAF TO THLD: 5.00
- MIN ALT: WOTPO 2000, TEYUP 2000, OROCE/2.80 NM TO RW33 1280
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 275 HAT: 0.74 GS ANT: IM:
- MIN GP INCPT: 2000 GP ALT AT PFAF: TEYUP 2000 OM: MM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 40.0
- MSA FROM: RW33 3000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CLL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLL ALTIMETER SETTING AND INCREASE LPV AND LNAV/VNAV DA TO 667 FEET; INCREASE ALL MDAS 40 FEET.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 147.60 INBOUND.
CHART FAS OBST: 543 TOWER (48-013014) 304111N/0961833W.
CHART VDP AT 1.27 NM TO RW33.
WAAS CHANNEL # 70603
REFERENCE PATH ID: W33A
LTP HAE: 85.2 M

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
LPV DA	642	1	275	642	1	275		NA			NA				
LNAV/VNAV DA	642	1	275	642	1	275		NA			NA				
LNAV MDA	880	1	513	880	1	513		NA			NA				

CHANGES - REASONS

1. PROFILE LINE 4: REMOVED "*" OROCE/2.80 NM TO RW33 1280 - NO LONGER REQUIRED.
2. PROFILE LINE 7: ADDED "20:1 IS CLEAR" - IAW 8260.19K 8-6-7 G.(3).
3. PBN REQUIREMENTS NOTES: UPDATED FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8250.19K 8-6-8.
4. NOTES: UPDATED FROM "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT" TO "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - IAW 8260.19K 8-6-10.
5. NOTES: REMOVED "LNAV" - NO LONGER REQUIRED.
6. NOTES: UPDATED FROM "CHART NOTE: BARO-VNAV NA" TO "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CLL ALTIMETER SETTING" - ADDED LOCAL ALTIMETER.
7. NOTES: UPDATED FROM "USE COLLEGE STATION ALTIMETER SETTING; WHEN NOT RECEIVED, USE CALDWELL ALTIMETER SETTING AND INCREASE ALL DA 31 FEET AND ALL MDA 40 FEET" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLL ALTIMETER SETTING AND INCREASE LPV AND LNAV/VNAV DA TO 667 FEET; INCREASE ALL MDAS 40 FEET" - ADDED LOCAL ALTIMETER.
8. ADDITIONAL FLIGHT DATA: REMOVED "CHART COLLEGE STATION ASOS" - ADDED LOCAL ALTIMETER.
9. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 1.27 NM TO RW33" - ADDED LOCAL ALTIMETER.
10. ADDITIONAL FLIGHT DATA: REMOVED "CHART PLANVIEW NOTE: RADAR REQUIRED" - IAW 8260.19K 8-6-8D.(2)(B).
11. MINIMUMS: UPDATED ALTERNATE FROM "N/A" TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - ADDED LOCAL ALTIMETER.
12. CRC REMAINDER: UPDATED FROM "CDB38128" TO "EE63A653" - FPAP LAT/LONG UPDATED.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZHU, HOU APP CON, AMGR

FLIGHT CHECKED BY

JUSTUS R BRAY

Digitally signed by

RAKE MCGRAW

Dec 12, 2025

OFFICE

AJF

DATE

12/11/2025

DEVELOPED BY

DANIEL WESTON

Digitally signed by

RAKE MCGRAW

Dec 12, 2025

OFFICE

AJV-A422

DATE

10/14/2025

APPROVED BY

RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Dec 12, 2025

OFFICE

AJV-A422

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD
OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA
0
0
KCFD
RW33
0
0
W33A
304239.0560N
0961941.9780W
+00852
304357.6440N
0962031.0760W
00040.0
F
03.00
106.75
1528
40.0
50.0

CRC REMAINDER EE63A653

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +01118
FPAP ORTHOMETRIC HEIGHT +01118

