

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> LUD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> DECATUR	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 1047	<u>TDZE</u> 1047	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>DATED</u> 10/08/2020	<u>MAG VAR</u> 3E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 APRIL 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2025
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WANIK	IAF	JERTA		TF	FB	1.00	259.48	4.00	4000
NERME	IAF	JERTA		TF	FB	1.00	079.40	4.00	4000
WISOR	IAF	JERTA		TF	FB	1.00	169.44	4.00	4000
JERTA	IF	TINLE		TF	FB	1.00	169.44	3.00	3400
TINLE	FAF	PAKGI/3.82 NM TO RW17		TF	FB	0.30	169.44	2.42	
PAKGI/3.82 NM TO RW17		RW17	MAP	TF	FO	0.30	169.44	3.82	
RW17	MAP	1500 MSL		CA			169.44		1500
1500 MSL		NERME		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT NERME AND HOLD, CONTINUE CLIMB-IN-HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- PROFILE STARTS AT JERTA
- FAC: 169.44 FAF: TINLE DIST FAF TO MAP: 6.24 DIST FAF TO THLD: 6.24
- MIN ALT: JERTA 4000, TINLE 3400, PAKGI/3.82 NM TO RW17 1720
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.58 GS ANT:
- MIN GP INCPT: 3400 GP ALT AT PFAF: TINLE 3400 OM: MM: IM:
- GP ANGLE: 3.50 34:1: IS CLEAR 20:1: IS CLEAR TCH: 40.0
- MSA FROM: RW17 4000

QUALITY
37
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING FTW ALTIMETER SETTING.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FTW ALTIMETER SETTING AND INCREASE LPV DA TO 1408 FEET; INCREASE LNAV/VNAV DA TO 1466 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 120 FEET.
CHART SPEED ICON IN PLANVIEW AT WANIK: MAX 180 KIAS.
CHART SPEED ICON IN PLANVIEW AT NERME: MAX 180 KIAS.
CHART SPEED ICON IN PLANVIEW AT WISOR: MAX 180 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 079.40 INBOUND.
CHART FAS OBST: 1254 TOWER (48-132210) 331834N/0973437W.
CHART VDP AT 1.22 NM TO RW17.
WAAS CHANNEL # 40107
REFERENCE PATH ID: W17A
CHART CIRCLING ICON.
LTP HAE: 290 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	1297	1	250	1297	1	250		NA			NA				
LNAV/VNAV DA	1355	1	308	1355	1	308		NA			NA				
LNAV MDA	1500	1	453	1500	1	453		NA			NA				
CIRCLING	1600	1	553	1600	1	553		NA			NA				



CHANGES - REASONS

1. MAG VAR: UPDATED FROM "9E 2000" TO "3E 2025" - MAGVAR UPDATED.
2. TERMINAL ROUTES: REMOVED "FROM UKW VORTAC TO WISOR" AND ASSOCIATED DATA - ATC REDESIGN REQUEST.
3. TERMINAL ROUTES: ADDED NEW INITIAL "FROM WANIK TO JERTA, COURSE 259.45, DISTANCE 4.00, ALTITUDE 4000" - ATC REDESIGN REQUEST.
4. TERMINAL ROUTES: ADDED NEW INITIAL "FROM NERME TO JERTA, COURSE 049.40, DISTANCE 4.00, ALTITUDE 4000" - ATC REDESIGN REQUEST.
5. TERMINAL ROUTES: ADDED NEW INITIAL "FROM WISOR TO JERTA, COURSE 169.44, DISTANCE 4.00, ALTITUDE 4000" - ATC REDESIGN REQUEST.
6. TERMINAL ROUTES: UPDATED INTERMEDIATE SEGMENT FROM "FROM WISOR TO TINLE, COURSE 163.43, DISTANCE 6.10" TO "FROM JERTA TO TINLE, COURSE 169.44, DISTANCE 3.00" - ATC REDESIGN REQUEST, IF NAME CHANGE, MAGVAR UPDATED.
7. TERMINAL ROUTES: UPDATED FINAL FROM "TINLE FAF TO RW17 MAP, TF, FO, COURSE 163.44, DISTANCE 7.12" TO "TINLE FAF PAKGI/3.82 NM TO RW17 TF FB 0.30 169.44 2.42" AND "PAKGI/3.82 NM TO RW17 RW17 MAP TF FO 0.30 169.44 3.82" - ADDED NEW SDF, MAGAVR UPDATED, NEW FAF LOCATION.
8. TERMINAL ROUTES: ADDED CA LEG "FROM RW17 TO 1500 MSL, COURSE 169.44" - IAW 8260.58B 3-5-2.
9. TERMINAL ROUTES: UPDATED MISSED FROM "HIRGO, ALTITUDE 2600" TO "HERME, ALTITUDE 4000" - NEW MISSED APPROACH INSTRUCTIONS.
10. MISSED APPROACH INSTRUCTIONS: UPDATED FROM "CLIMB TO 2600 DIRECT HIRGO AND HOLD" TO "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT NERME AND HOLD, CONTINUE CLIMB-IN-HOLD" - NEW MISSED APPROACH INSTRUCTIONS.
11. PROFILE LINE 2: UPDATED FROM " PROFILE STARTS AT WISOR" TO " PROFILE STARTS AT JERTA" - NEW IF.
12. PROFILE LINE 3: UPDATED FAC / DIST FAF TO MAP / DIST FAF TO THLD FROM "163.44 / 7.12 / 7.12" TO "169.44 / 6.24 / 6.24" - MAGVAR UPDATE, UPDATED FAF LOCATION.
13. PROFILE LINE 4: UPDATED MIN ALT FROM "WISOR 3400, TINLE 3400" TO "JERTA 4000, TINLE 3400" AND ADDED "PAKGI/3.82 NM TO RW17 1720" - NEW IF, ALTITUDE, NEW FINAL SDF.
14. PROFILE LINE 5: UPDATED 250 HAT FROM "0.66" TO "0.58" - GP/TCH CHANGE.
15. PROFILE LINE 7: UPDATED GP ANGLE / TCH FROM "3.00 / 45.0" TO "3.50 / 40.00", AND ADDED "20:1: IS CLEAR" - GP MATCH VGSI, NEW TCH, IAW 8260.19J 8-6-7(G)(3)(A).
16. PBN REQUIREMENTS NOTE: UPDATED FROM "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19J 8-6-8(B)(2).
17. 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 8260.19J 8-6-10 M (2).
18. NOTES: UPDATED FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C (2°F) OR ABOVE 54°C (130°F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C" - IAW 8260.19J 8-6-10 R.
19. NOTES: UPDATED FROM ".CHART NOTE: BARO-VNAV AND VDP NA WHEN USING FORT WORTH MEACHAM INTL ALTIMETER SETTING" TO "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING FTW ALTIMETER SETTING" - IAW 8260.19J 8-6-10 E(8).
20. NOTES: UPDATED FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WORTH MEACHAM INTL ALTIMETER SETTING AND INCREASE ALL DAS 113 FEET, AND ALL MDAS 120 FEET, INCREASE LPV VISIBILITIES 1/4 MILE LNAV/VNAV VISIBILITIES 1/2 MILE, AND CIRCLING CAT B VISIBILITY 1/4 MILE" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FTW ALTIMETER SETTING AND INCREASE LPV DA TO 1408 FEET; INCREASE LNAV/VNAV DA TO 1466 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 120 FEET." IAW 8260.19J 8-6-10 F (4).
21. NOTES: ADDED "CHART SPEED ICON IN PLANVIEW AT WANIK: MAX 180 KIAS, CHART SPEED ICON IN PLANVIEW AT NERME: MAX 180 KIAS. CHART SPEED ICON IN PLANVIEW AT WISOR: MAX 180 KIAS" - ATC REQUEST, 8260.19J 4-6-10 G.
22. NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT UKW VORTAC VIA V63 SOUTHWEST BOUND" - UKV VORTAC REMOVED FORM PROCEDURE.
23. ADDITIONAL FLIGHT DATA: UPDATED FROM "HOLD S, LT, 343.46 INBOUND" TO "HOLD W, RT, 079.40 INBOUND" - UPDATED HOLDING FIX.
24. ADDITIONAL FLIGHT DATA: UPDATED FROM "CHART FAS OBST: 1328 TOWER (48-009748) 331854N/0973354W, 1213 TOWER (48-010169) 331559N/0973548W" TO "CHART FAS OBST: 1254 TOWER (48-132210) 331834N/0973437W", AND REMOVED "CHART 2859 TOWER (48-009154) 332312N/0973358W" - NEW OBSTACLE DATA.
25. ADDITIONAL FLIGHT DATA: UPDATED FROM "CHART VDP AT 1.33 NM TO RW17" TO "CHART VDP AT 1.22 NM TO RW17" - BASED ON 8260.3F FORMULA 2-6-5.
26. MINIMUMS: LOWERED LNAV/VNAV ALL CATS DA / VIS / HAT FROM "1459 / 1 1/2 / 412" TO "1355 / 1 / 308" - NEW CONTROLLING OBSTACLE AND VISIBILITY VALUES UPDATED IAW 8260.3E TABLE 3-3-1 AND LOWEST VISIBILITY MINIMUMS ALLOWABLE FOR THE AIRPORT.
27. MINIMUMS: LOWERED LNAV ALL CATS MDA / HAT FROM "1560 / 513" TO "1500 / 473" - NEW CONTROLLING OBSTACLE.
28. MINIMUMS: LOWERED CIRCLING ALL CATS MDA / HAT FROM "1680 / 633" TO "1600 / 553" NEW CONTROLLING OBSTACLE.
29. FAS DATA: UPDATED CRC REMAINDER FROM "0D10F672" TO "07184C13" - LTP/FTP FROM "331535.8600N/0973453.0100W" TO "331535.8460N/0973453.0080W", FPAP FROM "331407.3600N/0973439.0500W" TO "331407.3685N/0973439.0490W", AND TCH UNITS FROM "00045.0" TO "00040.0"

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZFW, REGIONAL APP CON, AMGR, ST AV DIR.

FLIGHT CHECKED BY

CRAIG LARSON

Digitally signed by

RAKE MCGRAW

OFFICE

DATE

Mar 04, 2025

AJF

02/25/2025

DEVELOPED BY

DANIEL WESTON

Digitally signed by

DANIEL L WESTON

OFFICE

DATE

Jan 14, 2025

AJV-A422

10/21/2024

APPROVED BY

RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

OFFICE

DATE

Mar 04, 2025

AJV-A422

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
KLUD
RW17
0
0
W17A
331535.8640N
0973453.0080W
+02900
331407.3685N
0973439.0490W
00040.0
F
03.50
106.75
1472
40.0
50.0

CRC REMAINDER

07184C13

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K4
+03174
+03174

