

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> FKN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> FRANKLIN	<u>STATE</u> VA
<u>AIRPORT ELEVATION</u> 40	<u>TDZE</u> 40	<u>SUPERSEDED</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 12/05/2019
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 SEPTEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 9W
				<u>EPOCH YEAR</u> 1985
				<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>
SUNNS		EDTAJ		TF	FB	1.00	351.28	10.37	2600
HPW VORTAC		DRIVE		TF	FB	1.00	143.00	36.63	2600
EDTAJ	IAF	JADIM	NOPT	TF	FB	1.00	341.08	8.58	2600
DRIVE	IAF	JADIM	NOPT	TF	FB	1.00	211.45	11.12	2600
JADIM	IF/IAF	OBERE		TF	FB	1.00	270.13	6.50	1700
OBERE	FAF	FOVPO/2.26 NM TO RW27		TF	FB	0.30	270.03	2.83	
FOVPO/2.26 NM TO RW27		RW27	MAP	TF	FO	0.30	270.03	2.26	
RW27	MAP	440 MSL		CA			270.03		
440 MSL		ETUME		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LNAV: RW27

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT ETUME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD E JADIM, RT, 270.12 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 270.03 FAF: OBERE DIST FAF TO MAP: 5.09 DIST FAF TO THLD: 5.09
- MIN ALT: JADIM 2600, OBERE 1700, FOVPO/2.26 NM TO RW27 800
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
- MIN GP INCPT: GP ALT AT FAF: OM: MM: IM:
- GP ANGLE: 34:1 IS NOT CLEAR 20:1 IS CLEAR TCH:
- MSA FROM: RW27 2300



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON HPW VORTAC AIRWAY RADIALS 178 CW 215.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EDTAJ ON V1, T303 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SUNNS ON V139, T307 SOUTHWEST BOUND AND V194 NORTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

OBERE TO RW27: 3.0/40.
HOLD W, RT, 089.83 INBOUND.
CHART FAS OBST: 188 TREE (51-033434) 364242N/0765108W.
CHART VDP AT 1.13 NM TO RW27.

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
LNAV MDA	440	1	400	440	1	400	440	1 1/8	400	440	1 1/8	400			

CHANGES - REASONS

1. MINIMUMS: REMOVED LPV, LNAV/VNAV MINIMUMS AND FAS DATA BLOCK – PER NOTAM !FDC 3/0960, VGS PENETRATIONS EXIST.
2. TERMINAL ROUTES: ADDED SUNNS FEEDER SEGMENT – PER ATC/FPT CHECKLIST.
3. TERMINAL ROUTES: CHANGED JADIM TO OBERE SEGMENT COURSE FROM “270.12” TO “270.13” – FAF MOVED NW 9.38 FEET.
4. TERMINAL ROUTES: CHANGED OBERE TO FOVPO SEGMENT FROM “OBERE TO FOVPO/2.30 TO RW27” TO “OBERE TO FOVPO/2.26 TO RW27”, COURSE FROM “270.04” TO “270.03”, DISTANCE FROM “2.79” TO “2.83” - PROCEDURE REDESIGNED IAW 8260.58C, FAF MOVED NW 9.38 FEET, STEP-DOWN MOVED SW 241.82 FEET.
5. TERMINAL ROUTES: CHANGED COURSE FOR FOVPO/2.26 TO RW27 FROM “270.04” TO “270.03, DISTANCE FROM “2.30” TO “2.26” – FAF MOVED NW 9.38 FEET, STEP-DOWN MOVED SW 241.82 FEET.
6. TERMINAL ROUTE: CHANGED CA LEG ALTITUDE FROM “354 MSL” TO “440 MSL” – LOWEST MDA OR AIRPORT ELEVATION PLUS 400 FEET.
7. MISSED APPROACH: DELETED “LPV: DA” AND “LNAV/VNAV: DA” – REMOVED MINIMUMS.
8. PROFILE LINE 2: ADDED “MAX 6000” - IAW 8260.19I, 8-6-7.B(2).
9. PROFILE LINE 3: CHANGED FAC FROM “270.04” TO “270.03” - FAF MOVED NW 9.38 FEET.
10. PROFILE LINE 4: CHANGED “FOVPO/2.30 NM TO RW27 800” TO “FOVPO/2.26 NM TO RW27 800” AND REMOVED “*” - STEP-DOWN MOVED SW 241.82 FEET, “*” NO LONGER REQUIRED PER CURRENT CRITERIA.
11. PROFILE LINE 7: ADDED 20:1 IS CLEAR” – NO 20:1 PENETRATIONS.
12. PBN REQUIREMENTS: DELETED “CHART NOTE: DME/DME RNP-0.3 NA”, ADDED “RNP APCH – GPS” – IAW 8260.19I, 8-6-8.A(5)(B)(2).
13. DELETED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F) – REMOVED LNAV/VNAV MINIMUMS.
14. DELETED CHART NOTE: BARO-VNAV AND VDP NA WHEN USING SUFFOLK ALTIMETER SETTING - REMOVED LNAV/VNAV MINIMUMS.
15. CHANGED CHART PLANVIEW NOTE: “PROCEDURE NA FOR ARRIVALS AT EDTAJ ON V1 SOUTHWEST BOUND” TO “PROCEDURE NA FOR ARRIVALS AT EDTAJ ON V1, T303 SOUTHWEST BOUND” – ADDED T303, EDTAJ TURN LIMITATIONS IAW 8260.19I 8-2-5E(2), 8260.58C 1-2-5.
16. ADDED CHART PLANVIEW NOTE: “PROCEDURE NA FOR ARRIVALS AT SUNNS ON V139, T307 SOUTHWEST BOUND AND V194 NORTHEAST BOUND – ADDED SUNNS FEEDER, TURN LIMITATION, IAW 8260.19I 8-2-5E(2), 8260.58C 1-2-5.
17. MOVED BACKUP ALTIMETER AND ASSOCIATED NOTES TO THE 8260-9 PART C: GENERAL REMARKS - IAW 82603.19I 8-6-9F(3).
18. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM “188 TREE 364242N/0765108W” TO “188 TREE (51-033434) 364242N/0765108W” - IAW 82603.19I 8-6-10C.
19. ADDITIONAL FLIGHT DATA: DELETED “*LNAV ONLY” – NO LONGER REQUIRED PER CURRENT CRITERIA.
20. ADDITIONAL FLIGHT DATA: DELETED “DISTANCE TO THLD FROM 314 HAT: 0.86 NM”, “WAAS CHANNEL # 90227”, “REFERENCE PATH ID: W27A”, AND “LTP HAE: -23.3 M” – REMOVED LPV AND LNAV/VNAV MINIMUMS.
21. ADDITIONAL FLIGHT DATA: ADDED “OBERE TO RW27: 3.0/40” - IAW 82603.19I 8-6-100(1).



COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

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NBAA

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OTHER: ZDC, ORF APP CON, AMGR, VA DEPT OF AVIATION

FLIGHT CHECKED BY

JEFFREY ECKMAN

Digitally signed by

CASIMIR L TABAKA

Jun 05, 2024

OFFICE

FPO

DATE

05/16/2024

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by

CASIMIR L TABAKA

Apr 05, 2024

OFFICE

AJV-A432

DATE

12/20/2023

APPROVED BY

CASIMIR L. TABAKA

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Apr 05, 2024

OFFICE

AJV-A432

DATE

TITLE

MANAGER

