

**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.

AIRPORT ID AKQ	PROCEDURE NAME RNAV (GPS) RWY 21	ORIGINAL/AMENDMENT 2	CITY WAKEFIELD	STATE VA
AIRPORT ELEVATION 111	TDZE 110	SUPERSEDED RNAV (GPS) RWY 20	DATED 08/17/2017	MAG VAR 11W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 27 NOVEMBER 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2020
			CANCEL/SUSPEND	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 118/30 CW 298/30	NOPT	NOXEE	IF/IAF	2600
2. 298/30 CW 118/30		NOXEE	IF/IAF	2600

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
NOXEE	IF/IAF	MILUE		TF	FB	1.00	207.93	6.83	1700
MILUE	FAF	RW21	MAP	TF	FO	0.30	207.91	4.17	
RW21	MAP	511 MSL		CA			207.91		
511 MSL		NOXEE		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LNAV: RW21

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 2600 DIRECT NOXEE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- HOLD NE NOXEE, RT, 207.93 INBOUND, 2600 IN LIEU OF PT (IAF), MAX 10000.
- FAC:** 207.91 **FAF:** MILUE **DIST FAF TO MAP:** 4.17 **DIST FAF TO THLD:** 4.17
- MIN ALT:** NOXEE 2600, MILUE 1700
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- MIN GP INCPT:** **GP ALT AT FAF:** **OM:** **MM:** **IM:**
- GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:**
- MSA FROM:**

QUALITY
21
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

MILUE TO RW21: 3.5/40
FAS OBST: 289 AAO 370251N/0765927W.

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA CAT A, B, C, D 1100-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	A			B			C			D			E		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>												
LNAV MDA	1120	3	1010	1120	3	1010	1120	3	1010	1120	3	1010			
CIRCLING	1120	3	1009	1120	3	1009	1120	3	1009	1120	3	1009			

CHANGES - REASONS

- RWY RENUMBERED AND PROCEDURE NAME CHANGED- FROM RWY 2/20 TO 3/21 AND FROM "RNAV (GPS) RWY 20" TO "RNAV (GPS) RWY 21" - MAGVAR UPDATED.
- REDESIGN OF FINAL DUE TO FC OBSERVED OBSTACLES, TREES 1/4 MILE SHORT FINAL, VDA RAISED TO 3.5 IAW 8260.3G 2-6-4 A.(2).
- TERMINAL ROUTES - NOXEE TO MILUE DISTANCE CHANGED FROM 6 TO 6.83 - PFAF RELOCATED.
- TERMINAL ROUTES - MILUE TO RWY 21 DISTANCE CHANGED FROM 5 TO 4.17 - PFAF RELOCATED.
- PROFILE LINE 3 - DISTANCE FAF TO MAP AND FAF TO THLD CHANGED FROM 5.00 TO 4.17 - FAF RELOCATED .83 SSW, FINAL REDESIGN IAW 8260.3G 2-6-4 A.(2).
- PBN REQUIREMENTS NOTE - ADDED RNP APCH - GPS - IAW 8260.19.
- NOTES - REMOVED "DME/DME RNP-0.3 NA" - OLD CRITERIA.
- ADDITIONAL FLIGHT DATA - NOTE CHANGED FROM "MILUE TO RW20: 2.92/40" TO "MILUE TO RW21: 3.5/40" - RWY NUMBER CHANGED AND VDA RAISED - IAW 8260.3G 2-6-4 A.(2).
- ADDITIONAL FLIGHT DATA - FAS OBSTACLE CHANGED FROM "320 AAO 370430N/0765803W" TO "289 AAO 370251.00N/0765927.00W" - NEW EVALUATION.
- ADDITIONAL FLIGHT DATA - REMOVED CHART CIRCLING ICON - IAW IFP GROUP MEMO DATED 5/15/25.
- ALTERNATE MINIMUMS - ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE - IAW 8260.19 8-6-12 (4).



AIRPORT ID
AKQ

PROCEDURE NAME
RNAV (GPS) RWY 21

ORIGINAL/AMENDMENT
2

CITY
WAKEFIELD

STATE
VA

COORDINATED WITH:

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

OTHER: AIRPORT MANAGER, ORF APP CON, VA AIRPORT AUTHORITY

FLIGHT CHECKED BY

KEVIN RIESE

Digitally signed by
ROBERT G HAMILTON
Jul 29, 2025

OFFICE

AJF

DATE

07/23/2025

DEVELOPED BY

JOHN BRUNO

Digitally signed by
ROBERT G HAMILTON
Jul 29, 2025

OFFICE

AJV-A433

DATE

05/28/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by
ROBERT G HAMILTON
Jul 29, 2025

OFFICE

AJV-A433

DATE

TITLE
MANAGER