

**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> KMQW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> MC RAE	<u>STATE</u> GA		
<u>AIRPORT ELEVATION</u> 203	<u>TDZE</u> 202	<u>SUPERSEDED</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 05/26/2016	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 DECEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
CENVA		FINAN		TF	FO	1.00	054.76	26.37	3000
DBN VORTAC	IAF	FINAN	NOPT	TF	FB	1.00	175.89	17.05	3000
FINAN	IF/IAF	OTUVE		TF	FB	1.00	205.83	6.20	2000
OTUVE	FAF	RW21	MAP	TF	FO	0.30	205.80	5.33	
RW21	MAP	603 MSL		CA			205.80		
603 MSL		FINAN		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW21

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 3000 DIRECT FINAN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NE FINAN, RT, 205.83 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 205.80FAF: OTUVEDIST FAF TO MAP: 5.33DIST FAF TO THLD: 5.33

4. MIN ALT: FINAN 3000, OTUVE 2000

5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT:

6. MIN GP INCPT:GP ALT AT FAF :OM:MM:IM:

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM: RW21 2300

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CENVA ON V362 NORTHWEST BOUND.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DBN VORTAC AIRWAY RADIALS 147 CW 243.
CHART NOTE: USE VIDALIA ALTIMETER SETTING; WHEN NOT RECEIVED, USE ALMA ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET AND LNAV CAT C/D VISIBILITY 1/8 SM.

ADDITIONAL FLIGHT DATA:

CHART VIDALIA AWOS-3
FAS OBST: 450 AAO 320933N/0825127W.
460 AAO 321117N/0824954W.
CHART CIRCLING ICON.
OTUVE TO RW21: 3.12/39.

MINIMUMS:

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

ALTERNATE: NA ☒

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	780	1	578	780	1	578	780	1 5/8	578	780	1 5/8	578			
CIRCLING	880	1	677	880	1	677	960	2 1/4	757	1140	3	937			



CHANGES - REASONS

1. REMOVED CHART NOTE: DME/DME RNP -0.3 NA ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW. 19H 4-6-10(E), 8-6-8(B).
2. ADDED CHART PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - IAW . 19H, 8-6-9. M. (2).
3. ADDED PROFILE LINE 7: 20:1 IS NOT CLEAR - 20:1 PENETRATIONS EXIST PER OBSTACLE EVALUATION.
4. CHANGED CHART NOTE FROM: VISIBILITY REDUCTION BY HELICOPTERS NA TO RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - UPDATED NOTE TO CURRENT CRITERIA VERBIAGE.
5. ADDED NEW CIRCLING/CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - IAW CURRENT CRITERIA.
6. CHANGED CIRCLING CAT C MDA/HAA FROM 880/677 TO 960/757, CAT D FROM 960/757 TO 1140/937 - NEW CONTROLLING OBSTACLES/ADDED NEW CIRCLING RADII.
7. CHANGED LNAV CAT C VISIBILITY FROM 1 1/2 SM TO 1 5/8 SM, CAT D FROM 1 3/4 SM TO 1 5/8 SM, CIRCLING CAT C VISIBILITY FROM 2 TO 2 1/4 SM, CAT D FROM 2 1/2 SM TO 3 - UPDATED VISCHECK IAW .3D TABLE 3-3-1.
8. ADDED CHART NOTE: PROCEDURE NA AT NIGHT - OBSTACLE EVALUATION RESULTS/20:1 PENETRATIONS.
9. CHANGED CHART NOTE: USE VIDALIA ALTIMETER SETTING; WHEN NOT RECEIVED, USE ALMA ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET TO USE VIDALIA ALTIMETER SETTING; WHEN NOT RECEIVED, USE ALMA ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET AND INCREASE LNAV CAT C/D VISIBILITY 1/8 SM - UPDATED VISCHECK IAW .3D TABLE 3-3-1.
10. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM OTUVE TO RWY21: 3.13/39 TO OTUVE TO RWY21: 3.12/39. - 2000 CROSS RESULTS IN A 3.12 ANGLE.
11. CHANGED FAS OBST FROM 449 AAO 320933N/0825127W TO 450 AAO 320933N/0825127W - UPDATED MAP STUDY.
12. CHANGED 7:1 EXCLUDED OBST FROM 469 AAO 321117.00N/0824954.00W TO 460 AAO 321117.00N/0824954.00W - UPDATED MAP STUDY.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL, ZJX, AMGR

FLIGHT CHECKED BY

STEPHEN F KOCH

DEVELOPED BY

WARDELL HENNING (KATHERINE EUBANKS)

APPROVED BY

LONNIE EVERHART

*Digitally signed by***WARDELL HENNING**

Aug 31, 2020

OFFICE

FICO

Digitally signed by **DATE****WARDELL HENNING** 9/24/2020

Aug 31, 2020

OFFICE

AJV-A432

DATE

06/26/2020

OFFICE

AJV-A430

DATE**TITLE**

MANAGER