

**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.

<b>AIRPORT ID</b> 0W3	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 19	<b>ORIGINAL/AMENDMENT</b> ORIG	<b>CITY</b> CHURCHVILLE	<b>STATE</b> MD
<b>AIRPORT ELEVATION</b> 412	<b>TDZE</b> 412	<b>SUPERSEDED</b>	<b>ORIGINAL/AMENDMENT</b> NONE	<b>DATED</b>
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 22 JANUARY 2026	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>MAG VAR</b> 11W
				<b>EPOCH YEAR</b> 1995
				<b>CANCEL/SUSPEND</b>

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 098/30 CW 233/30	NOPT	098/17 CW 233/17		3900
2. 098/17 CW 233/17		SYMBA	IF/IAF	2400
3. 233/30 CW 279/30	NOPT	SYMBA	IF/IAF	2400
4. 279/30 CW 008/30		SRABI	IAF	2400
5. 008/30 CW 098/30		008/16 CW 098/16		3400
6. 008/16 CW 098/16		MFASA	IAF	2400

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SRABI	IAF	SYMBA	NOPT	TF	FB	1.00	278.59	6.50	2400
MFASA	IAF	SYMBA	NOPT	TF	FB	1.00	098.41	6.50	2400
SYMBA	IF/IAF	NALAA		TF	FB	1.00	188.50	5.02	2000
NALAA	FAF	RW19	MAP	TF	FO	0.30	188.50	4.84	
RW19	MAP	1000 MSL		CA			188.50		1000
1000 MSL		SHILO		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW19

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT SHILO AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. **PT**                      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF** (IAF)
- 2. HOLD N SYMBA, RT, 188.50 INBOUND, 2400 IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 188.50                      **FAF:** NALAA                      **DIST FAF TO MAP:** 4.84                      **DIST FAF TO THLD:** 4.84
- 4. **MIN ALT:** SYMBA 2400, NALAA 2000
- 5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **281 HAT:** 0.75                      **GS ANT:**
- 6. **MIN GP INCPT:** 2000                      **GP ALT AT PFAF:** NALAA 2000                      **OM:**                      **MM:**                      **IM:**
- 7. **GP ANGLE:** 3.01                      **34:1:** IS NOT CLEAR                      **20:1:** IS CLEAR                      **TCH:** 42.0
- 8. **MSA FROM:**

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.  
 CHART NOTE: RWY 19 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
 CHART NOTE: CIRCLING RWY 1 NA AT NIGHT.  
 CHART NOTE: CIRCLING NA FOR CAT C W OF RWY 1-19.

**ADDITIONAL FLIGHT DATA:**

HOLD N, RT, 195.00 INBOUND.  
 CHART FAS OBST: 543 TOWER (24-040485) 393444N/0761138W.  
 CHART VDP AT 1.00 NM TO RW19.  
 WAAS CHANNEL # 45847  
 REFERENCE PATH ID: W19A  
 LTP HAE: 92.5 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	696	7/8	284	696	7/8	284	696	7/8	284		NA					
LNAV/VNAV DA	693	7/8	281	693	7/8	281	693	7/8	281		NA					
LNAV MDA	800	1	388	800	1	388	800	1 1/8	388		NA					
CIRCLING	860	1	448	880	1	468	880	1 1/2	468		NA					

**CHANGES - REASONS**



AIRPORT ID  
0W3

PROCEDURE NAME  
RNAV (GPS) RWY 19

ORIGINAL/AMENDMENT  
ORIG

CITY  
CHURCHVILLE

STATE  
MD

COORDINATED WITH:

A4A  ALPA  AOPA  APA  HAI  NBAA

OTHER: ZDC ARTCC, PCT APP CON, AMGR

FLIGHT CHECKED BY

GALEN W COLLINS

*Digitally signed by*

**RAKE MCGRAW**

Oct 01, 2025

OFFICE

AJF

DATE

09/30/2025

DEVELOPED BY

JANTZEN TAYLOR

*Digitally signed by*

**RAKE MCGRAW**

Oct 01, 2025

OFFICE

AJV-A422

DATE

07/31/2025

APPROVED BY

RAKE MCGRAW

*Digitally signed by*

**RAKE MCGRAW**

Oct 01, 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  
0W3  
RW19  
0  
0  
W19A  
393424.4400N  
0761215.7205W  
+00925  
393255.3500N  
0761210.6995W  
00042.0  
F  
03.01  
106.75  
1728  
40.0  
50.0

CRC REMAINDER

F061CA00

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE  
LTP ORTHOMETRIC HEIGHT  
FPAP ORTHOMETRIC HEIGHT

K6  
+01255  
+01255

