

July 26, 2024

American Association of Variable Star
Observers
185 Alewife Brook Parkway 410
Cambridge, MA 02138

American Association of Variable Star Observers:

Enclosed is the organization's 2022 Exempt Organization return.

Specific filing instructions are as follows.

FORM 990 RETURN:

This return has qualified for electronic filing. After you have reviewed the return for completeness and accuracy, please sign, date and return Form 8879-TE to our office. We will transmit the return electronically to the IRS and no further action is required. Return Form 8879-TE to us by August 15, 2024.

A copy of the return is enclosed for your files. We suggest that you retain this copy indefinitely.

Sincerely,

EAG NEW ENGLAND LLC

TAX RETURN FILING INSTRUCTIONS

FORM 990

FOR THE YEAR ENDING

September 30, 2023

Prepared For:

American Association of Variable Star
Observers
185 Alewife Brook Parkway 410
Cambridge, MA 02138

Prepared By:

EAG NEW ENGLAND LLC
One Wall Street, 6th F
Burlington, MA 01803

Amount Due or Refund:

Not applicable

Make Check Payable To:

Not applicable

Mail Tax Return and Check (if applicable) To:

Not applicable

Return Must be Mailed On or Before:

Not applicable

Special Instructions:

This return has qualified for electronic filing. After you have reviewed the return for completeness and accuracy, please sign, date and return Form 8879-TE to our office. We will transmit the return electronically to the IRS and no further action is required. Return Form 8879-TE to us by August 15, 2024

Form **8879-TE**

IRS e-file Signature Authorization for a Tax Exempt Entity

OMB No. 1545-0047

For calendar year 2022, or fiscal year beginning OCT 1, 2022, and ending SEP 30, 2023

2022

Department of the Treasury
Internal Revenue Service

Do not send to the IRS. Keep for your records.

Go to www.irs.gov/Form8879TE for the latest information.

Name of filer **AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS**

EIN or SSN
04-2164402

Name and title of officer or person subject to tax **BRIAN KLOPPENBORG
EXECUTIVE DIRECTOR**

Part I Type of Return and Return Information

Check the box for the return for which you are using this Form 8879-TE and enter the applicable amount, if any, from the return. Form 8038-CP and Form 5330 filers may enter dollars and cents. For all other forms, enter whole dollars only. If you check the box on line 1a, 2a, 3a, 4a, 5a, 6a, 7a, 8a, 9a, or 10a below, and the amount on that line for the return being filed with this form was blank, then leave line 1b, 2b, 3b, 4b, 5b, 6b, 7b, 8b, 9b, or 10b, whichever is applicable, blank (do not enter -0-). But, if you entered -0- on the return, then enter -0- on the applicable line below. **Do not complete more than one line in Part I.**

1a Form 990 check here	<input checked="" type="checkbox"/>	b Total revenue , if any (Form 990, Part VIII, column (A), line 12)	1b <u>691,694.</u>
2a Form 990-EZ check here	<input type="checkbox"/>	b Total revenue , if any (Form 990-EZ, line 9)	2b _____
3a Form 1120-POL check here	<input type="checkbox"/>	b Total tax (Form 1120-POL, line 22)	3b _____
4a Form 990-PF check here	<input type="checkbox"/>	b Tax based on investment income (Form 990-PF, Part V, line 5)	4b _____
5a Form 8868 check here	<input type="checkbox"/>	b Balance due (Form 8868, line 3c)	5b _____
6a Form 990-T check here	<input type="checkbox"/>	b Total tax (Form 990-T, Part III, line 4)	6b _____
7a Form 4720 check here	<input type="checkbox"/>	b Total tax (Form 4720, Part III, line 1)	7b _____
8a Form 5227 check here	<input type="checkbox"/>	b FMV of assets at end of tax year (Form 5227, Item D)	8b _____
9a Form 5330 check here	<input type="checkbox"/>	b Tax due (Form 5330, Part II, line 19)	9b _____
10a Form 8038-CP check here	<input type="checkbox"/>	b Amount of credit payment requested (Form 8038-CP, Part III, line 22)	10b _____

Part II Declaration and Signature Authorization of Officer or Person Subject to Tax

Under penalties of perjury, I declare that I am an officer of the above entity or I am a person subject to tax with respect to (name of entity) _____, (EIN) _____ and that I have examined a copy of the 2022 electronic return and accompanying schedules and statements, and, to the best of my knowledge and belief, they are true, correct, and complete. I further declare that the amount in Part I above is the amount shown on the copy of the electronic return. I consent to allow my intermediate service provider, transmitter, or electronic return originator (ERO) to send the return to the IRS and to receive from the IRS (a) an acknowledgement of receipt or reason for rejection of the transmission, (b) the reason for any delay in processing the return or refund, and (c) the date of any refund. If applicable, I authorize the U.S. Treasury and its designated Financial Agent to initiate an electronic funds withdrawal (direct debit) entry to the financial institution account indicated in the tax preparation software for payment of the federal taxes owed on this return, and the financial institution to debit the entry to this account. To revoke a payment, I must contact the U.S. Treasury Financial Agent at 1-888-353-4537 no later than 2 business days prior to the payment (settlement) date. I also authorize the financial institutions involved in the processing of the electronic payment of taxes to receive confidential information necessary to answer inquiries and resolve issues related to the payment. I have selected a personal identification number (PIN) as my signature for the electronic return and, if applicable, the consent to electronic funds withdrawal.

PIN: check one box only

I authorize EAG NEW ENGLAND LLC to enter my PIN 02138
ERO firm name Enter five numbers, but do not enter all zeros

as my signature on the tax year 2022 electronically filed return. If I have indicated within this return that a copy of the return is being filed with a state agency(ies) regulating charities as part of the IRS Fed/State program, I also authorize the aforementioned ERO to enter my PIN on the return's disclosure consent screen.

As an officer or person subject to tax with respect to the entity, I will enter my PIN as my signature on the tax year 2022 electronically filed return. If I have indicated within this return that a copy of the return is being filed with a state agency(ies) regulating charities as part of the IRS Fed/State program, I will enter my PIN on the return's disclosure consent screen.

Signature of officer or person subject to tax _____

Date _____

Part III Certification and Authentication

ERO's EFIN/PIN. Enter your six-digit electronic filing identification number (EFIN) followed by your five-digit self-selected PIN.

04120016012

Do not enter all zeros

I certify that the above numeric entry is my PIN, which is my signature on the 2022 electronically filed return indicated above. I confirm that I am submitting this return in accordance with the requirements of **Pub. 4163**, Modernized e-File (MeF) Information for Authorized IRS e-file Providers for Business Returns.

ERO's signature _____

Date 07/26/24

ERO Must Retain This Form - See Instructions

Do Not Submit This Form to the IRS Unless Requested To Do So

LHA For Privacy Act and Paperwork Reduction Act Notice, see instructions.

Form **8879-TE** (2022)

Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

Do not enter social security numbers on this form as it may be made public.

Go to www.irs.gov/Form990 for instructions and the latest information.

2022

Open to Public Inspection

A For the **2022** calendar year, or tax year beginning **OCT 1, 2022** and ending **SEP 30, 2023**

B Check if applicable: <input type="checkbox"/> Address change <input type="checkbox"/> Name change <input type="checkbox"/> Initial return <input type="checkbox"/> Final return/terminated <input type="checkbox"/> Amended return <input type="checkbox"/> Application pending	C Name of organization AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS Doing business as Number and street (or P.O. box if mail is not delivered to street address) Room/suite 185 ALEWIFE BROOK PARKWAY 410 City or town, state or province, country, and ZIP or foreign postal code CAMBRIDGE, MA 02138 F Name and address of principal officer: BRIAN KLOPPENBORG SAME AS C ABOVE	D Employer identification number 04-2164402 E Telephone number 617-354-0484 G Gross receipts \$ 3,711,528. H(a) Is this a group return for subordinates? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No H(b) Are all subordinates included? <input type="checkbox"/> Yes <input type="checkbox"/> No If "No," attach a list. See instructions H(c) Group exemption number
I Tax-exempt status: <input checked="" type="checkbox"/> 501(c)(3) <input type="checkbox"/> 501(c) () (insert no.) <input type="checkbox"/> 4947(a)(1) or <input type="checkbox"/> 527		
J Website: WWW.AAVSO.ORG		
K Form of organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Trust <input type="checkbox"/> Association <input type="checkbox"/> Other		L Year of formation: 1911 M State of legal domicile: MA

Part I Summary

	1	Briefly describe the organization's mission or most significant activities: TO ENABLE ANYONE, ANYWHERE, TO PARTICIPATE IN SCIENTIFIC DISCOVERY THROUGH VARIABLE STAR ASTRONOMY.		
	2	Check this box <input type="checkbox"/> if the organization discontinued its operations or disposed of more than 25% of its net assets.		
Activities & Governance	3	Number of voting members of the governing body (Part VI, line 1a)	3	11
	4	Number of independent voting members of the governing body (Part VI, line 1b)	4	11
	5	Total number of individuals employed in calendar year 2022 (Part V, line 2a)	5	6
	6	Total number of volunteers (estimate if necessary)	6	800
	7a	Total unrelated business revenue from Part VIII, column (C), line 12	7a	0.
	7b	Net unrelated business taxable income from Form 990-T, Part I, line 11	7b	0.
	Revenue	8	Contributions and grants (Part VIII, line 1h)	Prior Year
9		Program service revenue (Part VIII, line 2g)	338,041.	185,936.
10		Investment income (Part VIII, column (A), lines 3, 4, and 7d)	50,670.	115,288.
11		Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	2,246,142.	390,470.
12		Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12)	0.	0.
12			2,634,853.	691,694.
Expenses	13	Grants and similar amounts paid (Part IX, column (A), lines 1-3)	0.	0.
	14	Benefits paid to or for members (Part IX, column (A), line 4)	0.	0.
	15	Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)	505,754.	694,101.
	16a	Professional fundraising fees (Part IX, column (A), line 11e)	0.	0.
	b	Total fundraising expenses (Part IX, column (D), line 25)	58,573.	
	17	Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)	528,893.	500,882.
	18	Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25)	1,034,647.	1,194,983.
	19	Revenue less expenses. Subtract line 18 from line 12	1,600,206.	-503,289.
Net Assets or Fund Balances	20	Total assets (Part X, line 16)	Beginning of Current Year	End of Year
	21	Total liabilities (Part X, line 26)	15,233,992.	16,088,028.
	22	Net assets or fund balances. Subtract line 21 from line 20	464,913.	420,023.
	22		14,769,079.	15,668,005.

Part II Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Sign Here	Signature of officer BRIAN KLOPPENBORG, EXECUTIVE DIRECTOR Type or print name and title	Date
Paid Preparer Use Only	Print/Type preparer's name EUGENE BORGONZI	Preparer's signature
	Date 07/26/24	Check if self-employed <input type="checkbox"/> PTIN P01269879
	Firm's name EAG NEW ENGLAND LLC	Firm's EIN 99-2277914
	Firm's address ONE WALL STREET, 6TH F BURLINGTON, MA 01803	Phone no. 617-227-6161

May the IRS discuss this return with the preparer shown above? See instructions Yes No

Part III Statement of Program Service Accomplishments

Check if Schedule O contains a response or note to any line in this Part III

1 Briefly describe the organization's mission:
**TO ENABLE ANYONE, ANYWHERE, TO PARTICIPATE IN SCIENTIFIC DISCOVERY
THROUGH VARIABLE STAR ASTRONOMY.**

2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? Yes No
If "Yes," describe these new services on Schedule O.

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? Yes No
If "Yes," describe these changes on Schedule O.

4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.

4a (Code: _____) (Expenses \$ 454,615. including grants of \$ 0.) (Revenue \$ 69,159.)
**RESEARCH AND EDUCATION, DATA BASE ACCESS AND MAINTENANCE, DATA
COLLECTION, ARCHIVE SUPPORT AND MAINTENANCE**

4b (Code: _____) (Expenses \$ 193,354. including grants of \$ 0.) (Revenue \$ 42,048.)
MEETINGS AND SYMPOSIUMS

4c (Code: _____) (Expenses \$ 17,189. including grants of \$ 0.) (Revenue \$ 4,081.)
RESEARCH PUBLICATIONS AND NEWSLETTERS

4d Other program services (Describe on Schedule O.)
(Expenses \$ _____ including grants of \$ _____) (Revenue \$ _____)

4e Total program service expenses 665,158.

**AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS**

Form 990 (2022)

04-2164402 Page **3**

Part IV Checklist of Required Schedules

	Yes	No
1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? <i>If "Yes," complete Schedule A</i>	X	
2 Is the organization required to complete <i>Schedule B, Schedule of Contributors</i> ? See instructions	X	
3 Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? <i>If "Yes," complete Schedule C, Part I</i>		X
4 Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? <i>If "Yes," complete Schedule C, Part II</i>		X
5 Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Rev. Proc. 98-19? <i>If "Yes," complete Schedule C, Part III</i>		X
6 Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? <i>If "Yes," complete Schedule D, Part I</i>		X
7 Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? <i>If "Yes," complete Schedule D, Part II</i>		X
8 Did the organization maintain collections of works of art, historical treasures, or other similar assets? <i>If "Yes," complete Schedule D, Part III</i>		X
9 Did the organization report an amount in Part X, line 21, for escrow or custodial account liability, serve as a custodian for amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services? <i>If "Yes," complete Schedule D, Part IV</i>		X
10 Did the organization, directly or through a related organization, hold assets in donor-restricted endowments or in quasi endowments? <i>If "Yes," complete Schedule D, Part V</i>	X	
11 If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X, as applicable.		
a Did the organization report an amount for land, buildings, and equipment in Part X, line 10? <i>If "Yes," complete Schedule D, Part VI</i>	X	
b Did the organization report an amount for investments - other securities in Part X, line 12, that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VII</i>		X
c Did the organization report an amount for investments - program related in Part X, line 13, that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VIII</i>		X
d Did the organization report an amount for other assets in Part X, line 15, that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part IX</i>		X
e Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X</i>	X	
f Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? <i>If "Yes," complete Schedule D, Part X</i>		X
12a Did the organization obtain separate, independent audited financial statements for the tax year? <i>If "Yes," complete Schedule D, Parts XI and XII</i>	X	
b Was the organization included in consolidated, independent audited financial statements for the tax year? <i>If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional</i>		X
13 Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E</i>		X
14a Did the organization maintain an office, employees, or agents outside of the United States?	X	
b Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? <i>If "Yes," complete Schedule F, Parts I and IV</i>	X	
15 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any foreign organization? <i>If "Yes," complete Schedule F, Parts II and IV</i>		X
16 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to or for foreign individuals? <i>If "Yes," complete Schedule F, Parts III and IV</i>		X
17 Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? <i>If "Yes," complete Schedule G, Part I.</i> See instructions		X
18 Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? <i>If "Yes," complete Schedule G, Part II</i>		X
19 Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? <i>If "Yes," complete Schedule G, Part III</i>		X
20a Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H</i>		X
b If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?		
21 Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i>		X

**AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS**

Form 990 (2022)

04-2164402 Page 4

Part IV Checklist of Required Schedules *(continued)*

	Yes	No
22 Did the organization report more than \$5,000 of grants or other assistance to or for domestic individuals on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III</i>	22	X
23 Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5, about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If "Yes," complete Schedule J</i>	23	X
24a Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25a</i>	24a	X
b Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?	24b	
c Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds?	24c	
d Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?	24d	
25a Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i>	25a	X
b Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i>	25b	X
26 Did the organization report any amount on Part X, line 5 or 22, for receivables from or payables to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons? <i>If "Yes," complete Schedule L, Part II</i>	26	X
27 Did the organization provide a grant or other assistance to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity (including an employee thereof) or family member of any of these persons? <i>If "Yes," complete Schedule L, Part III</i>	27	X
28 Was the organization a party to a business transaction with one of the following parties (see the Schedule L, Part IV, instructions for applicable filing thresholds, conditions, and exceptions):		
a A current or former officer, director, trustee, key employee, creator or founder, or substantial contributor? <i>If "Yes," complete Schedule L, Part IV</i>	28a	X
b A family member of any individual described in line 28a? <i>If "Yes," complete Schedule L, Part IV</i>	28b	X
c A 35% controlled entity of one or more individuals and/or organizations described in line 28a or 28b? <i>If "Yes," complete Schedule L, Part IV</i>	28c	X
29 Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>	29	X
30 Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M</i>	30	X
31 Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>	31	X
32 Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If "Yes," complete Schedule N, Part II</i>	32	X
33 Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If "Yes," complete Schedule R, Part I</i>	33	X
34 Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1</i>	34	X
35a Did the organization have a controlled entity within the meaning of section 512(b)(13)?	35a	X
b If "Yes" to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? <i>If "Yes," complete Schedule R, Part V, line 2</i>	35b	
36 Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i>	36	X
37 Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI</i>	37	X
38 Did the organization complete Schedule O and provide explanations on Schedule O for Part VI, lines 11b and 19?	38	X

Note: All Form 990 filers are required to complete Schedule O

Part V Statements Regarding Other IRS Filings and Tax Compliance

Check if Schedule O contains a response or note to any line in this Part V

	Yes	No
1a Enter the number reported in box 3 of Form 1096. Enter -0- if not applicable	1a	0
b Enter the number of Forms W-2G included on line 1a. Enter -0- if not applicable	1b	0
c Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?	1c	

**AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS**

Part V Statements Regarding Other IRS Filings and Tax Compliance (continued)

		Yes	No
2a	Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements, filed for the calendar year ending with or within the year covered by this return		
	2a		6
b	If at least one is reported on line 2a, did the organization file all required federal employment tax returns?	X	
3a	Did the organization have unrelated business gross income of \$1,000 or more during the year?		X
b	If "Yes," has it filed a Form 990-T for this year? <i>If "No" to line 3b, provide an explanation on Schedule O</i>		
4a	At any time during the calendar year, did the organization have an interest in, or a signature or other authority over, a financial account in a foreign country (such as a bank account, securities account, or other financial account)?		X
b	If "Yes," enter the name of the foreign country See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR).		
5a	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?		X
b	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?		X
c	If "Yes" to line 5a or 5b, did the organization file Form 8886-T?		
6a	Does the organization have annual gross receipts that are normally greater than \$100,000, and did the organization solicit any contributions that were not tax deductible as charitable contributions?		X
b	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?		
7	Organizations that may receive deductible contributions under section 170(c).		
a	Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and services provided to the payor?		X
b	If "Yes," did the organization notify the donor of the value of the goods or services provided?		
c	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?		X
d	If "Yes," indicate the number of Forms 8282 filed during the year	7d	
e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?		X
f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?		X
g	If the organization received a contribution of qualified intellectual property, did the organization file Form 8899 as required?		
h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization file a Form 1098-C?		
8	Sponsoring organizations maintaining donor advised funds. Did a donor advised fund maintained by the sponsoring organization have excess business holdings at any time during the year?		
9	Sponsoring organizations maintaining donor advised funds.		
a	Did the sponsoring organization make any taxable distributions under section 4966?		
b	Did the sponsoring organization make a distribution to a donor, donor advisor, or related person?		
10	Section 501(c)(7) organizations. Enter:		
a	Initiation fees and capital contributions included on Part VIII, line 12	10a	
b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities	10b	
11	Section 501(c)(12) organizations. Enter:		
a	Gross income from members or shareholders	11a	
b	Gross income from other sources. (Do not net amounts due or paid to other sources against amounts due or received from them.)	11b	
12a	Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form 1041?	12a	
b	If "Yes," enter the amount of tax-exempt interest received or accrued during the year	12b	
13	Section 501(c)(29) qualified nonprofit health insurance issuers.		
a	Is the organization licensed to issue qualified health plans in more than one state? Note: See the instructions for additional information the organization must report on Schedule O.	13a	
b	Enter the amount of reserves the organization is required to maintain by the states in which the organization is licensed to issue qualified health plans	13b	
c	Enter the amount of reserves on hand	13c	
14a	Did the organization receive any payments for indoor tanning services during the tax year?		X
b	If "Yes," has it filed a Form 720 to report these payments? <i>If "No," provide an explanation on Schedule O</i>	14b	
15	Is the organization subject to the section 4960 tax on payment(s) of more than \$1,000,000 in remuneration or excess parachute payment(s) during the year? If "Yes," see the instructions and file Form 4720, Schedule N.	15	X
16	Is the organization an educational institution subject to the section 4968 excise tax on net investment income? If "Yes," complete Form 4720, Schedule O.	16	X
17	Section 501(c)(21) organizations. Did the trust, or any disqualified or other person engage in any activities that would result in the imposition of an excise tax under section 4951, 4952 or 4953? If "Yes," complete Form 6069.	17	

**AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS**

Form 990 (2022)

04-2164402 Page **6**

Part VI Governance, Management, and Disclosure. For each "Yes" response to lines 2 through 7b below, and for a "No" response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes on Schedule O. See instructions.

Check if Schedule O contains a response or note to any line in this Part VI

Section A. Governing Body and Management

			Yes	No
1a Enter the number of voting members of the governing body at the end of the tax year If there are material differences in voting rights among members of the governing body, or if the governing body delegated broad authority to an executive committee or similar committee, explain on Schedule O.	1a	11		
b Enter the number of voting members included on line 1a, above, who are independent	1b	11		
2 Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee?	2			X
3 Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors, trustees, or key employees to a management company or other person?	3			X
4 Did the organization make any significant changes to its governing documents since the prior Form 990 was filed?	4			X
5 Did the organization become aware during the year of a significant diversion of the organization's assets?	5			X
6 Did the organization have members or stockholders?	6		X	
7a Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body?	7a		X	
b Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body?	7b		X	
8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following:				
a The governing body?	8a		X	
b Each committee with authority to act on behalf of the governing body?	8b		X	
9 Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses on Schedule O	9			X

Section B. Policies (This Section B requests information about policies not required by the Internal Revenue Code.)

			Yes	No
10a Did the organization have local chapters, branches, or affiliates?	10a			X
b If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes?	10b			
11a Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form?	11a		X	
b Describe on Schedule O the process, if any, used by the organization to review this Form 990.				
12a Did the organization have a written conflict of interest policy? If "No," go to line 13	12a		X	
b Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	12b		X	
c Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe on Schedule O how this was done	12c		X	
13 Did the organization have a written whistleblower policy?	13			X
14 Did the organization have a written document retention and destruction policy?	14		X	
15 Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision?				
a The organization's CEO, Executive Director, or top management official	15a		X	
b Other officers or key employees of the organization If "Yes" to line 15a or 15b, describe the process on Schedule O. See instructions.	15b			X
16a Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year?	16a			X
b If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?	16b			

Section C. Disclosure

- 17** List the states with which a copy of this Form 990 is required to be filed MA
- 18** Section 6104 requires an organization to make its Forms 1023 (1024 or 1024-A, if applicable), 990, and 990-T (section 501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply.
 Own website Another's website Upon request Other (explain on Schedule O)
- 19** Describe on Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.
- 20** State the name, address, and telephone number of the person who possesses the organization's books and records
BRIAN KLOPPENBORG - 617-354-0484
185 ALEWIFE BROOK PARKWAY, CAMBRIDGE, MA 02138

**AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS**

Form 990 (2022)

04-2164402 Page 7

Part VII Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

Check if Schedule O contains a response or note to any line in this Part VII

Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

1a Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
 - List all of the organization's **current** key employees, if any. See the instructions for definition of "key employee."
 - List the organization's five **current** highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (box 5 of Form W-2, box 6 of Form 1099-MISC, and/or box 1 of Form 1099-NEC) of more than \$100,000 from the organization and any related organizations.
 - List all of the organization's **former** officers, key employees, and highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
 - List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.
- See the instructions for the order in which to list the persons above.

Check this box if neither the organization nor any related organization compensated any current officer, director, or trustee.

(A) Name and title	(B) Average hours per week (list any hours for related organizations below line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC/1099-NEC)	(E) Reportable compensation from related organizations (W-2/1099-MISC/1099-NEC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(1) KATHLEEN SPIRER OPERATIONS MANAGER	35.00					X	107,246.	0.	16,847.	
(2) DR. BRIAN KLOPPENBORG EXECUTIVE DIRECTOR	35.00			X			45,769.	0.	13,248.	
(3) DAVID COWALL PRESIDENT	1.00	X		X			0.	0.	0.	
(4) RICHARD BERRY 1ST VICE PRESIDENT	1.00	X		X			0.	0.	0.	
(5) KRISTINE LARSEN SECRETARY	1.00	X		X			0.	0.	0.	
(6) ROBERT STEPHENS TREASURER	1.00	X		X			0.	0.	0.	
(7) SARAH AUSTRIN WILLIS 2ND VICE PRESIDENT	1.00	X		X			0.	0.	0.	
(8) ROBERT BUCHEIM COUNCIL MEMBER (TERM EXPIRED 9/2023)	1.00	X					0.	0.	0.	
(9) KEN HUDSON COUNCIL MEMBER	1.00	X					0.	0.	0.	
(10) THOMAS MACCARONE COUNCIL MEMBER	1.00	X					0.	0.	0.	
(11) MARTINA BELZ ARNDT COUNCIL MEMBER (RESIGNED 4/2023)	1.00	X					0.	0.	0.	
(12) DENNIS CONTI COUNCIL MEMBER	1.00	X		X			0.	0.	0.	
(13) DR. JOYCE A. GUZIK COUNCIL MEMBER (TERM EXPIRED 10/2022)	1.00	X					0.	0.	0.	
(14) ANTONELLA NOTA COUNCIL MEMBER (RESIGNED 5/2023)	1.00	X					0.	0.	0.	
(15) PETER BEALO COUNCIL MEMBER (APPOINTED 11/2022)	1.00	X					0.	0.	0.	
(16) PATRICK BOYCE COUNCIL MEMBER (APPOINTED 11/2022)	1.00	X					0.	0.	0.	
(17) ARNE HENDEN COUNCIL MEMBER (APPOINTED 11/2022)	1.00	X					0.	0.	0.	

**AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS**

Form 990 (2022)

04-2164402 Page **9**

Part VIII Statement of Revenue

Check if Schedule O contains a response or note to any line in this Part VIII

			(A)	(B)	(C)	(D)	
			Total revenue	Related or exempt function revenue	Unrelated business revenue	Revenue excluded from tax under sections 512 - 514	
Contributions, Gifts, Grants and Other Similar Amounts	1 a Federated campaigns	1a					
	b Membership dues	1b	15,390.				
	c Fundraising events	1c					
	d Related organizations	1d					
	e Government grants (contributions)	1e					
	f All other contributions, gifts, grants, and similar amounts not included above ...	1f	170,546.				
	g Noncash contributions included in lines 1a-1f	1g	\$				
	h Total. Add lines 1a-1f			185,936.			
Program Service Revenue	2 a MEMBERSHIP DUES	Business Code					
		900099	69,159.	69,159.			
	b MEETINGS AND SYMPOSIUM	541700	42,048.	42,048.			
	c PUBLICATIONS AND SUPPLIES	541700	4,081.	4,081.			
	d						
	e						
	f All other program service revenue						
g Total. Add lines 2a-2f			115,288.				
Other Revenue	3 Investment income (including dividends, interest, and other similar amounts)		403,668.			403,668.	
	4 Income from investment of tax-exempt bond proceeds						
	5 Royalties						
	6 a Gross rents	6a	(i) Real				
			(ii) Personal				
	b Less: rental expenses ...	6b					
	c Rental income or (loss)	6c					
	d Net rental income or (loss)						
	7 a Gross amount from sales of assets other than inventory	7a	(i) Securities	3,006,636.			
			(ii) Other				
	b Less: cost or other basis and sales expenses	7b	3,019,834.				
	c Gain or (loss)	7c	-13,198.				
d Net gain or (loss)			-13,198.		-13,198.		
8 a Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c). See Part IV, line 18	8a						
b Less: direct expenses	8b						
c Net income or (loss) from fundraising events							
9 a Gross income from gaming activities. See Part IV, line 19	9a						
b Less: direct expenses	9b						
c Net income or (loss) from gaming activities							
10 a Gross sales of inventory, less returns and allowances	10a						
b Less: cost of goods sold	10b						
c Net income or (loss) from sales of inventory							
Miscellaneous Revenue	11 a	Business Code					
	b						
	c						
	d All other revenue						
	e Total. Add lines 11a-11d						
12 Total revenue. See instructions			691,694.	115,288.	0.	390,470.	

**AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS**

Form 990 (2022)

04-2164402 Page **10**

Part IX Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A).

Check if Schedule O contains a response or note to any line in this Part IX

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21 ...				
2 Grants and other assistance to domestic individuals. See Part IV, line 22				
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16				
4 Benefits paid to or for members				
5 Compensation of current officers, directors, trustees, and key employees	190,484.	95,730.	83,524.	11,230.
6 Compensation not included above to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)				
7 Other salaries and wages	379,705.	194,395.	162,675.	22,635.
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	20,935.	9,668.	10,047.	1,220.
9 Other employee benefits	59,571.	23,715.	32,868.	2,988.
10 Payroll taxes	43,406.	17,722.	23,763.	1,921.
11 Fees for services (nonemployees):				
a Management				
b Legal	3,069.	1,546.	1,343.	180.
c Accounting	21,965.	11,445.	9,096.	1,424.
d Lobbying				
e Professional fundraising services. See Part IV, line 17				
f Investment management fees	45,685.		45,685.	
g Other. (If line 11g amount exceeds 10% of line 25, column (A), amount, list line 11g expenses on Sch O.)	112,274.	105,467.	6,136.	671.
12 Advertising and promotion	10,895.	6,542.	3,838.	515.
13 Office expenses	6,694.	3,303.	3,007.	384.
14 Information technology	49,526.	36,370.	10,963.	2,193.
15 Royalties				
16 Occupancy	98,602.	50,154.	42,651.	5,797.
17 Travel	27,501.	21,387.	6,114.	
18 Payments of travel or entertainment expenses for any federal, state, or local public officials ...				
19 Conferences, conventions, and meetings	82,604.	63,355.	14,074.	5,175.
20 Interest				
21 Payments to affiliates				
22 Depreciation, depletion, and amortization	11,175.	5,629.	4,890.	656.
23 Insurance	8,367.	5,355.	2,510.	502.
24 Other expenses. Itemize expenses not covered above. (List miscellaneous expenses on line 24e. If line 24e amount exceeds 10% of line 25, column (A), amount, list line 24e expenses on Schedule O.)				
a DUES, SUBSCRIPTIONS & L	12,313.	6,202.	5,388.	723.
b BANK FEES	6,124.	3,085.	2,680.	359.
c TELESCOPE RENTAL & SUPP	4,088.	4,088.		
d _____				
e All other expenses _____				
25 Total functional expenses. Add lines 1 through 24e	1,194,983.	665,158.	471,252.	58,573.
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720)				

**AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS**

Form 990 (2022)

04-2164402 Page **11**

Part X Balance Sheet

Check if Schedule O contains a response or note to any line in this Part X

		(A) Beginning of year		(B) End of year
Assets	1 Cash - non-interest-bearing	124,604.	1	120,708.
	2 Savings and temporary cash investments	3,514,445.	2	932,379.
	3 Pledges and grants receivable, net		3	
	4 Accounts receivable, net		4	
	5 Loans and other receivables from any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons		5	
	6 Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), and persons described in section 4958(c)(3)(B)		6	
	7 Notes and loans receivable, net		7	
	8 Inventories for sale or use		8	
	9 Prepaid expenses and deferred charges	34,479.	9	14,064.
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	10a 144,425.		
	b Less: accumulated depreciation	10b 116,835.	34,473.	10c 27,590.
	11 Investments - publicly traded securities	11,169,987.	11	14,704,292.
	12 Investments - other securities. See Part IV, line 11		12	
	13 Investments - program-related. See Part IV, line 11		13	
	14 Intangible assets		14	
	15 Other assets. See Part IV, line 11	356,004.	15	288,995.
16 Total assets. Add lines 1 through 15 (must equal line 33)	15,233,992.	16	16,088,028.	
Liabilities	17 Accounts payable and accrued expenses	68,957.	17	58,052.
	18 Grants payable		18	
	19 Deferred revenue	51,345.	19	80,326.
	20 Tax-exempt bond liabilities		20	
	21 Escrow or custodial account liability. Complete Part IV of Schedule D		21	
	22 Loans and other payables to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons		22	
	23 Secured mortgages and notes payable to unrelated third parties		23	
	24 Unsecured notes and loans payable to unrelated third parties		24	
	25 Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D	344,611.	25	281,645.
	26 Total liabilities. Add lines 17 through 25	464,913.	26	420,023.
Net Assets or Fund Balances	Organizations that follow FASB ASC 958, check here <input checked="" type="checkbox"/> and complete lines 27, 28, 32, and 33.			
	27 Net assets without donor restrictions	11,214,147.	27	12,085,730.
	28 Net assets with donor restrictions	3,554,932.	28	3,582,275.
	Organizations that do not follow FASB ASC 958, check here <input type="checkbox"/> and complete lines 29 through 33.			
	29 Capital stock or trust principal, or current funds		29	
	30 Paid-in or capital surplus, or land, building, or equipment fund		30	
	31 Retained earnings, endowment, accumulated income, or other funds		31	
	32 Total net assets or fund balances	14,769,079.	32	15,668,005.
	33 Total liabilities and net assets/fund balances	15,233,992.	33	16,088,028.

Form **990** (2022)

**AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS**

Form 990 (2022)

04-2164402 Page **12**

Part XI Reconciliation of Net Assets

Check if Schedule O contains a response or note to any line in this Part XI

1	Total revenue (must equal Part VIII, column (A), line 12)	1	691,694.
2	Total expenses (must equal Part IX, column (A), line 25)	2	1,194,983.
3	Revenue less expenses. Subtract line 2 from line 1	3	-503,289.
4	Net assets or fund balances at beginning of year (must equal Part X, line 32, column (A))	4	14,769,079.
5	Net unrealized gains (losses) on investments	5	1,402,215.
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	
9	Other changes in net assets or fund balances (explain on Schedule O)	9	0.
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 32, column (B))	10	15,668,005.

Part XII Financial Statements and Reporting

Check if Schedule O contains a response or note to any line in this Part XII

	Yes	No
1 Accounting method used to prepare the Form 990: <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain on Schedule O.		
2a Were the organization's financial statements compiled or reviewed by an independent accountant? _____ If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both: <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis	2a	X
b Were the organization's financial statements audited by an independent accountant? _____ If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both: <input checked="" type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis	2b	X
c If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? _____ If the organization changed either its oversight process or selection process during the tax year, explain on Schedule O.	2c	X
3a As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Uniform Guidance, 2 C.F.R. Part 200, Subpart F? _____	3a	X
b If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why on Schedule O and describe any steps taken to undergo such audits _____	3b	

Form **990** (2022)

**AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS**

Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)

(Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support

Calendar year (or fiscal year beginning in)	(a) 2018	(b) 2019	(c) 2020	(d) 2021	(e) 2022	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")	284,787.	194,848.	563,165.	329,791.	185,936.	1558527.
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge						
4 Total. Add lines 1 through 3	284,787.	194,848.	563,165.	329,791.	185,936.	1558527.
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						206,733.
6 Public support. Subtract line 5 from line 4.						1351794.

Section B. Total Support

Calendar year (or fiscal year beginning in)	(a) 2018	(b) 2019	(c) 2020	(d) 2021	(e) 2022	(f) Total
7 Amounts from line 4	284,787.	194,848.	563,165.	329,791.	185,936.	1558527.
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources	293,692.	413,652.	298,461.	151,049.	403,668.	1560522.
9 Net income from unrelated business activities, whether or not the business is regularly carried on						
10 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
11 Total support. Add lines 7 through 10						3119049.
12 Gross receipts from related activities, etc. (see instructions)					12	270,071.
13 First 5 years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here						<input type="checkbox"/>

Section C. Computation of Public Support Percentage

14 Public support percentage for 2022 (line 6, column (f), divided by line 11, column (f))	14	43.34 %
15 Public support percentage from 2021 Schedule A, Part II, line 14	15	40.39 %
16a 33 1/3% support test - 2022. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization		<input checked="" type="checkbox"/>
b 33 1/3% support test - 2021. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization		<input type="checkbox"/>
17a 10% -facts-and-circumstances test - 2022. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the facts-and-circumstances test, check this box and stop here. Explain in Part VI how the organization meets the facts-and-circumstances test. The organization qualifies as a publicly supported organization		<input type="checkbox"/>
b 10% -facts-and-circumstances test - 2021. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the facts-and-circumstances test, check this box and stop here. Explain in Part VI how the organization meets the facts-and-circumstances test. The organization qualifies as a publicly supported organization		<input type="checkbox"/>
18 Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions		<input type="checkbox"/>

Part III Support Schedule for Organizations Described in Section 509(a)(2)

(Complete only if you checked the box on line 10 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Calendar year (or fiscal year beginning in)	(a) 2018	(b) 2019	(c) 2020	(d) 2021	(e) 2022	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.")						
2 Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose						
3 Gross receipts from activities that are not an unrelated trade or business under section 513						
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
5 The value of services or facilities furnished by a governmental unit to the organization without charge						
6 Total. Add lines 1 through 5						
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						
b Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year						
c Add lines 7a and 7b						
8 Public support. (Subtract line 7c from line 6.)						

Section B. Total Support

Calendar year (or fiscal year beginning in)	(a) 2018	(b) 2019	(c) 2020	(d) 2021	(e) 2022	(f) Total
9 Amounts from line 6						
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties, and income from similar sources						
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
c Add lines 10a and 10b						
11 Net income from unrelated business activities not included on line 10b, whether or not the business is regularly carried on						
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
13 Total support. (Add lines 9, 10c, 11, and 12.)						

14 First 5 years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and **stop here**

Section C. Computation of Public Support Percentage

15 Public support percentage for 2022 (line 8, column (f), divided by line 13, column (f))	15	%
16 Public support percentage from 2021 Schedule A, Part III, line 15	16	%

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2022 (line 10c, column (f), divided by line 13, column (f))	17	%
18 Investment income percentage from 2021 Schedule A, Part III, line 17	18	%

19a 33 1/3% support tests - 2022. If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization

b 33 1/3% support tests - 2021. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3%, and line 18 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization

20 Private foundation. If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions

Part IV Supporting Organizations

(Complete only if you checked a box on line 12 of Part I. If you checked box 12a, Part I, complete Sections A and B. If you checked box 12b, Part I, complete Sections A and C. If you checked box 12c, Part I, complete Sections A, D, and E. If you checked box 12d, Part I, complete Sections A and D, and complete Part V.)

Section A. All Supporting Organizations

	Yes	No
1 Are all of the organization's supported organizations listed by name in the organization's governing documents? <i>If "No," describe in Part VI how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.</i>		
2 Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? <i>If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2).</i>		
3a Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? <i>If "Yes," answer lines 3b and 3c below.</i>		
b Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? <i>If "Yes," describe in Part VI when and how the organization made the determination.</i>		
c Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? <i>If "Yes," explain in Part VI what controls the organization put in place to ensure such use.</i>		
4a Was any supported organization not organized in the United States ("foreign supported organization")? <i>If "Yes," and if you checked box 12a or 12b in Part I, answer lines 4b and 4c below.</i>		
b Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? <i>If "Yes," describe in Part VI how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.</i>		
c Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? <i>If "Yes," explain in Part VI what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.</i>		
5a Did the organization add, substitute, or remove any supported organizations during the tax year? <i>If "Yes," answer lines 5b and 5c below (if applicable). Also, provide detail in Part VI, including (i) the names and EIN numbers of the supported organizations added, substituted, or removed; (ii) the reasons for each such action; (iii) the authority under the organization's organizing document authorizing such action; and (iv) how the action was accomplished (such as by amendment to the organizing document).</i>		
b Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document?		
c Substitutions only. Was the substitution the result of an event beyond the organization's control?		
6 Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? <i>If "Yes," provide detail in Part VI.</i>		
7 Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (as defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? <i>If "Yes," complete Part I of Schedule L (Form 990).</i>		
8 Did the organization make a loan to a disqualified person (as defined in section 4958) not described on line 7? <i>If "Yes," complete Part I of Schedule L (Form 990).</i>		
9a Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons, as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? <i>If "Yes," provide detail in Part VI.</i>		
b Did one or more disqualified persons (as defined on line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? <i>If "Yes," provide detail in Part VI.</i>		
c Did a disqualified person (as defined on line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? <i>If "Yes," provide detail in Part VI.</i>		
10a Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? <i>If "Yes," answer line 10b below.</i>		
b Did the organization have any excess business holdings in the tax year? <i>(Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)</i>		

Part IV Supporting Organizations *(continued)*

	Yes	No
11 Has the organization accepted a gift or contribution from any of the following persons?		
a A person who directly or indirectly controls, either alone or together with persons described on lines 11b and 11c below, the governing body of a supported organization?		
b A family member of a person described on line 11a above?		
c A 35% controlled entity of a person described on line 11a or 11b above? <i>If "Yes" to line 11a, 11b, or 11c, provide detail in Part VI.</i>		

Section B. Type I Supporting Organizations

	Yes	No
1 Did the governing body, members of the governing body, officers acting in their official capacity, or membership of one or more supported organizations have the power to regularly appoint or elect at least a majority of the organization's officers, directors, or trustees at all times during the tax year? <i>If "No," describe in Part VI how the supported organization(s) effectively operated, supervised, or controlled the organization's activities. If the organization had more than one supported organization, describe how the powers to appoint and/or remove officers, directors, or trustees were allocated among the supported organizations and what conditions or restrictions, if any, applied to such powers during the tax year.</i>		
2 Did the organization operate for the benefit of any supported organization other than the supported organization(s) that operated, supervised, or controlled the supporting organization? <i>If "Yes," explain in Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated, supervised, or controlled the supporting organization.</i>		

Section C. Type II Supporting Organizations

	Yes	No
1 Were a majority of the organization's directors or trustees during the tax year also a majority of the directors or trustees of each of the organization's supported organization(s)? <i>If "No," describe in Part VI how control or management of the supporting organization was vested in the same persons that controlled or managed the supported organization(s).</i>		

Section D. All Type III Supporting Organizations

	Yes	No
1 Did the organization provide to each of its supported organizations, by the last day of the fifth month of the organization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax year, (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the organization's governing documents in effect on the date of notification, to the extent not previously provided?		
2 Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization(s) or (ii) serving on the governing body of a supported organization? <i>If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).</i>		
3 By reason of the relationship described on line 2, above, did the organization's supported organizations have a significant voice in the organization's investment policies and in directing the use of the organization's income or assets at all times during the tax year? <i>If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.</i>		

Section E. Type III Functionally Integrated Supporting Organizations

1 Check the box next to the method that the organization used to satisfy the Integral Part Test during the year (see instructions).		
a <input type="checkbox"/> The organization satisfied the Activities Test. Complete line 2 below.		
b <input type="checkbox"/> The organization is the parent of each of its supported organizations. Complete line 3 below.		
c <input type="checkbox"/> The organization supported a governmental entity. Describe in Part VI how you supported a governmental entity (see instructions).		
2 Activities Test. Answer lines 2a and 2b below.		
a Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? <i>If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.</i>		
b Did the activities described on line 2a, above, constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? <i>If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.</i>		
3 Parent of Supported Organizations. Answer lines 3a and 3b below.		
a Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of each of the supported organizations? <i>If "Yes" or "No" provide details in Part VI.</i>		
b Did the organization exercise a substantial degree of direction over the policies, programs, and activities of each of its supported organizations? <i>If "Yes," describe in Part VI the role played by the organization in this regard.</i>		

**AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS**

Schedule A (Form 990) 2022

04-2164402 Page 6

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations

- 1 Check here if the organization satisfied the Integral Part Test as a qualifying trust on Nov. 20, 1970 (*explain in Part VI*). **See instructions.**
All other Type III non-functionally integrated supporting organizations must complete Sections A through E.

Section A - Adjusted Net Income		(A) Prior Year	(B) Current Year (optional)
1	Net short-term capital gain	1	
2	Recoveries of prior-year distributions	2	
3	Other gross income (see instructions)	3	
4	Add lines 1 through 3.	4	
5	Depreciation and depletion	5	
6	Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions)	6	
7	Other expenses (see instructions)	7	
8	Adjusted Net Income (subtract lines 5, 6, and 7 from line 4)	8	

Section B - Minimum Asset Amount		(A) Prior Year	(B) Current Year (optional)
1	Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year):		
a	Average monthly value of securities	1a	
b	Average monthly cash balances	1b	
c	Fair market value of other non-exempt-use assets	1c	
d	Total (add lines 1a, 1b, and 1c)	1d	
e	Discount claimed for blockage or other factors (<i>explain in detail in Part VI</i>):		
2	Acquisition indebtedness applicable to non-exempt-use assets	2	
3	Subtract line 2 from line 1d.	3	
4	Cash deemed held for exempt use. Enter 0.015 of line 3 (for greater amount, see instructions).	4	
5	Net value of non-exempt-use assets (subtract line 4 from line 3)	5	
6	Multiply line 5 by 0.035.	6	
7	Recoveries of prior-year distributions	7	
8	Minimum Asset Amount (add line 7 to line 6)	8	

Section C - Distributable Amount		(A) Prior Year	(B) Current Year
1	Adjusted net income for prior year (from Section A, line 8, column A)		Current Year
2	Enter 0.85 of line 1.		
3	Minimum asset amount for prior year (from Section B, line 8, column A)		
4	Enter greater of line 2 or line 3.		
5	Income tax imposed in prior year		
6	Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions).		
7	<input type="checkbox"/> Check here if the current year is the organization's first as a non-functionally integrated Type III supporting organization (see instructions).		

Schedule A (Form 990) 2022

**AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS**

Schedule A (Form 990) 2022

04-2164402 Page 7

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations (continued)

Section D - Distributions		Current Year
1	Amounts paid to supported organizations to accomplish exempt purposes	1
2	Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	2
3	Administrative expenses paid to accomplish exempt purposes of supported organizations	3
4	Amounts paid to acquire exempt-use assets	4
5	Qualified set-aside amounts (prior IRS approval required - <i>provide details in Part VI</i>)	5
6	Other distributions (<i>describe in Part VI</i>). See instructions.	6
7	Total annual distributions. Add lines 1 through 6.	7
8	Distributions to attentive supported organizations to which the organization is responsive (<i>provide details in Part VI</i>). See instructions.	8
9	Distributable amount for 2022 from Section C, line 6	9
10	Line 8 amount divided by line 9 amount	10

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2022	(iii) Distributable Amount for 2022
1 Distributable amount for 2022 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2022 (reasonable cause required - <i>explain in Part VI</i>). See instructions.			
3 Excess distributions carryover, if any, to 2022			
a From 2017			
b From 2018			
c From 2019			
d From 2020			
e From 2021			
f Total of lines 3a through 3e			
g Applied to underdistributions of prior years			
h Applied to 2022 distributable amount			
i Carryover from 2017 not applied (see instructions)			
j Remainder. Subtract lines 3g, 3h, and 3i from line 3f.			
4 Distributions for 2022 from Section D, line 7: \$			
a Applied to underdistributions of prior years			
b Applied to 2022 distributable amount			
c Remainder. Subtract lines 4a and 4b from line 4.			
5 Remaining underdistributions for years prior to 2022, if any. Subtract lines 3g and 4a from line 2. For result greater than zero, <i>explain in Part VI</i> . See instructions.			
6 Remaining underdistributions for 2022. Subtract lines 3h and 4b from line 1. For result greater than zero, <i>explain in Part VI</i> . See instructions.			
7 Excess distributions carryover to 2023. Add lines 3j and 4c.			
8 Breakdown of line 7:			
a Excess from 2018			
b Excess from 2019			
c Excess from 2020			
d Excess from 2021			
e Excess from 2022			

Schedule A (Form 990) 2022

Schedule B
(Form 990)

Department of the Treasury
Internal Revenue Service

Schedule of Contributors

Attach to Form 990 or Form 990-PF.
Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2022

Name of the organization

**AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS**

Employer identification number

04-2164402

Organization type (check one):

Filers of:

Section:

Form 990 or 990-EZ

501(c)(3) (enter number) organization

4947(a)(1) nonexempt charitable trust **not** treated as a private foundation

527 political organization

Form 990-PF

501(c)(3) exempt private foundation

4947(a)(1) nonexempt charitable trust treated as a private foundation

501(c)(3) taxable private foundation

Check if your organization is covered by the **General Rule** or a **Special Rule**.

Note: Only a section 501(c)(7), (8), or (10) organization can check boxes for both the General Rule and a Special Rule. See instructions.

General Rule

For an organization filing Form 990, 990-EZ, or 990-PF that received, during the year, contributions totaling \$5,000 or more (in money or property) from any one contributor. Complete Parts I and II. See instructions for determining a contributor's total contributions.

Special Rules

For an organization described in section 501(c)(3) filing Form 990 or 990-EZ that met the 33 1/3% support test of the regulations under sections 509(a)(1) and 170(b)(1)(A)(vi), that checked Schedule A (Form 990), Part II, line 13, 16a, or 16b, and that received from any one contributor, during the year, total contributions of the greater of **(1)** \$5,000; or **(2)** 2% of the amount on (i) Form 990, Part VIII, line 1h; or (ii) Form 990-EZ, line 1. Complete Parts I and II.

For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, total contributions of more than \$1,000 exclusively for religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals. Complete Parts I (entering "N/A" in column (b) instead of the contributor name and address), II, and III.

For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, contributions *exclusively* for religious, charitable, etc., purposes, but no such contributions totaled more than \$1,000. If this box is checked, enter here the total contributions that were received during the year for an *exclusively* religious, charitable, etc., purpose. Don't complete any of the parts unless the **General Rule** applies to this organization because it received *nonexclusively* religious, charitable, etc., contributions totaling \$5,000 or more during the year \$ _____

Caution: An organization that isn't covered by the General Rule and/or the Special Rules doesn't file Schedule B (Form 990), but it **must** answer "No" on Part IV, line 2, of its Form 990; or check the box on line H of its Form 990-EZ or on its Form 990-PF, Part I, line 2, to certify that it doesn't meet the filing requirements of Schedule B (Form 990).

Name of organization AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS	Employer identification number 04-2164402
--	---

Part I Contributors (see instructions). Use duplicate copies of Part I if additional space is needed.

(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
1	GORDON MYERS 5 INVERNESS WAY HILLSBOROUGH, CA 94010	\$ 25,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
2	THE CLARENCE AND ALEMEDA CONRAD FOUNDATION C/O 2375 E CAMELBACK RD PHOENIX, AZ 85001	\$ 26,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
3	JAY MILLER 8924 RIDGE PLACE BETHESDA, MD 20817	\$ 10,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
4	WILLIAM STEIN 6025 CALLE PARAISO LAS CRUCES, CA 88012	\$ 8,750.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
5	FIDELITY INVESTMENTS CHARITABLE GIFT FUND 245 SUMMER STREET BOSTON, MA 02210	\$ 5,000.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
6	U.S. NATIONAL SCIENCE FOUNDATION 2415 EISENHOWER AVE ALEXANDRIA, VA 22314	\$ 20,166.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)

Name of organization AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS	Employer identification number 04-2164402
--	---

Part I Contributors (see instructions). Use duplicate copies of Part I if additional space is needed.

(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
7	AMERICAN ASTRONOMICAL SOCIETY 1667 K ST, NW, STE 800 WASHINGTON, DC 20006	\$ 15,716.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
_____	_____ _____ _____	\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
_____	_____ _____ _____	\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
_____	_____ _____ _____	\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
_____	_____ _____ _____	\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
_____	_____ _____ _____	\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)

Name of organization AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS	Employer identification number 04-2164402
--	---

Part II Noncash Property (see instructions). Use duplicate copies of Part II if additional space is needed.

(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (See instructions.)	(d) Date received
		\$ _____	
		\$ _____	
		\$ _____	
		\$ _____	
		\$ _____	
		\$ _____	
		\$ _____	

Name of organization AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS	Employer identification number 04-2164402
--	---

Part III Exclusively religious, charitable, etc., contributions to organizations described in section 501(c)(7), (8), or (10) that total more than \$1,000 for the year from any one contributor. Complete columns (a) through (e) and the following line entry. For organizations completing Part III, enter the total of exclusively religious, charitable, etc., contributions of \$1,000 or less for the year. (Enter this info. once.) \$ _____
Use duplicate copies of Part III if additional space is needed.

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held

(e) Transfer of gift	
Transferee's name, address, and ZIP + 4	Relationship of transferor to transferee

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held

(e) Transfer of gift	
Transferee's name, address, and ZIP + 4	Relationship of transferor to transferee

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held

(e) Transfer of gift	
Transferee's name, address, and ZIP + 4	Relationship of transferor to transferee

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held

(e) Transfer of gift	
Transferee's name, address, and ZIP + 4	Relationship of transferor to transferee

SCHEDULE D (Form 990)

Department of the Treasury Internal Revenue Service

Supplemental Financial Statements

Complete if the organization answered "Yes" on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b. Attach to Form 990.

Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2022

Open to Public Inspection

Name of the organization AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS Employer identification number 04-2164402

Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts. Complete if the organization answered "Yes" on Form 990, Part IV, line 6.

Table with 3 columns: Question, (a) Donor advised funds, (b) Funds and other accounts. Rows include total number at end of year, aggregate value of contributions, grants, and end of year, and two yes/no questions about donor property and grant fund usage.

Part II Conservation Easements. Complete if the organization answered "Yes" on Form 990, Part IV, line 7.

Table with 3 columns: Question, (a) Donor advised funds, (b) Funds and other accounts. Rows include purpose(s) of conservation easements, a table for lines 2a-2d (Total number, acreage, certified historic structures, acquired after 2006), and questions about monitoring, expenses, and reporting requirements.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets. Complete if the organization answered "Yes" on Form 990, Part IV, line 8.

Table with 3 columns: Question, (a) Donor advised funds, (b) Funds and other accounts. Rows include questions about reporting requirements for art and historical treasures, including revenue and asset amounts.

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990. Schedule D (Form 990) 2022

**AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS**

Schedule D (Form 990) 2022

04-2164402 Page **3**

Part VII Investments - Other Securities.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11b. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely held equity interests		
(3) Other		
(A)		
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Col. (b) must equal Form 990, Part X, col. (B) line 12.)		

Part VIII Investments - Program Related.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

(a) Description of investment	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (Col. (b) must equal Form 990, Part X, col. (B) line 13.)		

Part IX Other Assets.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11d. See Form 990, Part X, line 15.

(a) Description	(b) Book value
(1)	
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col. (B) line 15.)	

Part X Other Liabilities.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11e or 11f. See Form 990, Part X, line 25.

1. (a) Description of liability	(b) Book value
(1) Federal income taxes	
(2) OPERATING LEASE LIABILITIES	281,645.
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col. (B) line 25.)	281,645.

2. Liability for uncertain tax positions. In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FASB ASC 740. Check here if the text of the footnote has been provided in Part XIII ...

Schedule D (Form 990) 2022

**AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS**

Part XI Reconciliation of Revenue per Audited Financial Statements With Revenue per Return.

Complete if the organization answered "Yes" on Form 990, Part IV, line 12a.

1	Total revenue, gains, and other support per audited financial statements	1	2,057,662.
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12:		
a	Net unrealized gains (losses) on investments	2a	1,402,215.
b	Donated services and use of facilities	2b	9,438.
c	Recoveries of prior year grants	2c	
d	Other (Describe in Part XIII.)	2d	
e	Add lines 2a through 2d	2e	1,411,653.
3	Subtract line 2e from line 1	3	646,009.
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1:		
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	45,685.
b	Other (Describe in Part XIII.)	4b	
c	Add lines 4a and 4b	4c	45,685.
5	Total revenue. Add lines 3 and 4c . (This must equal Form 990, Part I, line 12.)	5	691,694.

Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return.

Complete if the organization answered "Yes" on Form 990, Part IV, line 12a.

1	Total expenses and losses per audited financial statements	1	1,158,736.
2	Amounts included on line 1 but not on Form 990, Part IX, line 25:		
a	Donated services and use of facilities	2a	9,438.
b	Prior year adjustments	2b	
c	Other losses	2c	
d	Other (Describe in Part XIII.)	2d	
e	Add lines 2a through 2d	2e	9,438.
3	Subtract line 2e from line 1	3	1,149,298.
4	Amounts included on Form 990, Part IX, line 25, but not on line 1:		
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a	45,685.
b	Other (Describe in Part XIII.)	4b	
c	Add lines 4a and 4b	4c	45,685.
5	Total expenses. Add lines 3 and 4c . (This must equal Form 990, Part I, line 18.)	5	1,194,983.

Part XIII Supplemental Information.

Provide the descriptions required for Part II, lines 3, 5, and 9; Part III, lines 1a and 4; Part IV, lines 1b and 2b; Part V, line 4; Part X, line 2; Part XI, lines 2d and 4b; and Part XII, lines 2d and 4b. Also complete this part to provide any additional information.

PART V, LINE 4:

TERM ENDOWMENTS ARE RESTRICTED FOR THE FOLLOWING PURPOSES: 1) FUNDING THE RESEARCH OF A VISITING FELLOW AT THE ASSOCIATION'S HEADQUARTERS FOR A LIMITED TIME, 2) TO PAY FOR OR DEFRAY EXPENSES INCURRED BY THE HIRING OF RESEARCH ASSISTANTS, AND 3) FUNDING THE ESTABLISHMENT, REFURBISHMENT AND MAINTENANCE OF TELESCOPES, CAMERAS, MOUNTS, ENCLOSURES, COMPUTERS, SOFTWARE, AND HARDWARE REQUIRED TO OPERATE THE ROBOTIC TELESCOPE NETWORK. THE PERMANENT ENDOWMENT IS INTENDED TO PROVIDE A RELIABLE INCOME STREAM FROM ITS INVESTMENT FOR THE USE OF THE ORGANIZATION IN ITS USUAL OPERATIONS.

**SCHEDULE F
(Form 990)**

Department of the Treasury
Internal Revenue Service

Statement of Activities Outside the United States

Complete if the organization answered "Yes" on Form 990, Part IV, line 14b, 15, or 16.

Attach to Form 990.

Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2022

Open to Public
Inspection

Name of the organization
AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS

Employer identification number
04-2164402

Part I **General Information on Activities Outside the United States.** Complete if the organization answered "Yes" on Form 990, Part IV, line 14b.

- 1 For grantmakers.** Does the organization maintain records to substantiate the amount of its grants and other assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No
- 2 For grantmakers.** Describe in Part V the organization's procedures for monitoring the use of its grants and other assistance outside the United States.
- 3 Activities per Region.** (The following Part I, line 3 table can be duplicated if additional space is needed.)

(a) Region	(b) Number of offices in the region	(c) Number of employees, agents, and independent contractors in the region	(d) Activities conducted in the region (by type) (such as, fundraising, program services, investments, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in the region	(f) Total expenditures for and investments in the region
SOUTH AMERICA	0	1	VARIABLE STAR DATABASE MANAGEMENT	N/A	26,436.
3 a Subtotal	0	1			26,436.
b Total from continuation sheets to Part I	0	0			0.
c Totals (add lines 3a and 3b)	0	1			26,436.

AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS

Part IV Foreign Forms

- 1 Was the organization a U.S. transferor of property to a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 926, Return by a U.S. Transferor of Property to a Foreign Corporation (see Instructions for Form 926)* Yes No

- 2 Did the organization have an interest in a foreign trust during the tax year? *If "Yes," the organization may be required to separately file Form 3520, Annual Return To Report Transactions With Foreign Trusts and Receipt of Certain Foreign Gifts, and/or Form 3520-A, Annual Information Return of Foreign Trust With a U.S. Owner (see Instructions for Forms 3520 and 3520-A; don't file with Form 990)* Yes No

- 3 Did the organization have an ownership interest in a foreign corporation during the tax year? *If "Yes," the organization may be required to file Form 5471, Information Return of U.S. Persons With Respect to Certain Foreign Corporations (see Instructions for Form 5471)* Yes No

- 4 Was the organization a direct or indirect shareholder of a passive foreign investment company or a qualified electing fund during the tax year? *If "Yes," the organization may be required to file Form 8621, Information Return by a Shareholder of a Passive Foreign Investment Company or Qualified Electing Fund (see Instructions for Form 8621)* Yes No

- 5 Did the organization have an ownership interest in a foreign partnership during the tax year? *If "Yes," the organization may be required to file Form 8865, Return of U.S. Persons With Respect to Certain Foreign Partnerships (see Instructions for Form 8865)* Yes No

- 6 Did the organization have any operations in or related to any boycotting countries during the tax year? *If "Yes," the organization may be required to separately file Form 5713, International Boycott Report (see Instructions for Form 5713; don't file with Form 990)* Yes No

Part V Supplemental Information

Provide the information required by Part I, line 2 (monitoring of funds); Part I, line 3, column (f) (accounting method; amounts of investments vs. expenditures per region); Part II, line 1 (accounting method); Part III (accounting method); and Part III, column (c) (estimated number of recipients), as applicable. Also complete this part to provide any additional information. See instructions.

PART I, LINE 3:

THE ASSOCIATION USES THE ACCRUAL METHOD OF ACCOUNTING FOR ITS
EXPENDITURES.

Multiple horizontal lines for supplemental information.

**SCHEDULE O
(Form 990)**

Department of the Treasury
Internal Revenue Service

Supplemental Information to Form 990 or 990-EZ

Complete to provide information for responses to specific questions on
Form 990 or 990-EZ or to provide any additional information.
Attach to Form 990 or Form 990-EZ.
Go to www.irs.gov/Form990 for the latest information.

OMB No. 1545-0047

2022

Open to Public
Inspection

Name of the organization

AMERICAN ASSOCIATION OF VARIABLE STAR
OBSERVERS

Employer identification number

04-2164402

FORM 990, PART VI, SECTION A, LINE 6:

THERE SHALL BE THREE CLASSES OF MEMBERSHIP IN THE ASSOCIATION: MEMBERS,
HONORARY MEMBERS AND ORGANIZATIONAL MEMBERS. THE ELIGIBILITY REQUIREMENTS
AND RIGHTS OF EACH CLASS OF MEMBERS SHALL BE AS FOLLOWS:

MEMBERS: ANY INDIVIDUAL WHO IS INTERESTED IN THE ADVANCEMENT OF VARIABLE
STAR WORK AND KINDRED SUBJECTS SHALL BE ELIGIBLE TO BECOME A MEMBER. UPON
APPLICATION AND PAYMENT OF DUES, IN SUCH AMOUNTS AS SHALL BE DETERMINED BY
THE BOARD OF DIRECTORS FROM TIME TO TIME, SUCH PERSONS SHALL BECOME
MEMBERS. MEMBERS SHALL PAY ANNUAL DUES, MAY SERVE AS OFFICERS OR DIRECTORS
OF THE ASSOCIATION, AND ARE ENTITLED TO VOTE ON ASSOCIATION AFFAIRS.

HONORARY MEMBERS: THE BOARD OF DIRECTORS MAY ELECT ANY INDIVIDUAL AS AN
HONORARY MEMBER IN RECOGNITION OF SUCH INDIVIDUAL'S DISTINGUISHED
CONTRIBUTION TO ASTRONOMY. THE SECRETARY SHALL NOTIFY SUCH INDIVIDUAL OF
HIS/HER ELIGIBILITY TO BECOME AN HONORARY MEMBER AND HE/SHE SHALL BECOME SO
UPON NOTIFYING THE SECRETARY OF ACCEPTANCE. HONORARY MEMBERS SHALL NOT BE
LIABLE FOR THE PAYMENT OF DUES AND SHALL NOT BE ELIGIBLE TO SERVE AS AN
OFFICER OF THE ASSOCIATION, BUT MAY SERVE ON THE BOARD OF DIRECTORS AND MAY
VOTE ON ASSOCIATION AFFAIRS.

ORGANIZATIONAL MEMBERS: CORPORATIONS AND OTHER ENTITIES DESIROUS OF
ENCOURAGING THE WORK OF THE ASSOCIATION MAY BECOME ORGANIZATIONAL MEMBERS.
ORGANIZATIONAL MEMBERS DO NOT PAY DUES, MAY NOT HOLD OFFICE OR SERVE ON THE
BOARD OF DIRECTORS, AND ARE NOT ENTITLED TO VOTE ON ASSOCIATION AFFAIRS.

Name of the organization	AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS	Employer identification number	04-2164402
--------------------------	---	--------------------------------	------------

FORM 990, PART VI, SECTION A, LINE 7A:

EACH MEMBER AND HONORARY MEMBER SHALL BE ENTITLED TO ONE VOTE TO ELECT THE ELECTED DIRECTORS. ORGANIZATIONAL MEMBERS ARE NOT ALLOWED TO VOTE TO ELECT THE ELECTED DIRECTORS.

FORM 990, PART VI, SECTION A, LINE 7B:

EACH MEMBER AND HONORARY MEMBER IS ENTITLED TO ONE VOTE ON EACH MATTER SUBMITTED TO A VOTE OF THE MEMBERS. MEMBERS SHALL BE ENTITLED TO VOTE ON ALL OTHER MATTERS ON WHICH CORPORATE MEMBERS ARE ENTITLED TO VOTE UNDER THE NONPROFIT CORPORATION LAWS OF THE COMMONWEALTH OF MASSACHUSETTS. ORGANIZATIONAL MEMBERS ARE NOT ENTITLED TO VOTE ON ASSOCIATION AFFAIRS.

FORM 990, PART VI, SECTION B, LINE 11B:

THE FORM 990 IS REVIEWED BY THE TREASURER AND THE EXECUTIVE DIRECTOR BEFORE IT IS FILED.

FORM 990, PART VI, SECTION B, LINE 12C:

IN ADDITION TO AN ANNUAL DISCLOSURE BEING COMPLETED, INFORMATION IS VOLUNTARILY DISCLOSED THROUGHOUT THE YEAR AND DISCUSSED AT REGULAR MEETINGS OR WITH THE EXECUTIVE DIRECTOR. FAILURE TO DISCLOSE ACTUAL OR POTENTIAL CONFLICTS OF INTEREST MAY RESULT IN DISCIPLINARY ACTION, UP TO AND INCLUDING TERMINATION OF EMPLOYMENT OR REMOVAL FROM THE BOARD OF DIRECTORS. IF A CONFLICT OF INTEREST IS IDENTIFIED AND CANNOT BE MANAGED, THE INDIVIDUAL MAY BE ASKED TO RESIGN FROM THEIR POSITION WITH THE ASSOCIATION.

FORM 990, PART VI, SECTION B, LINE 15A:

THE COUNCIL REVIEWS SALARIES AS NEEDED BASED ON CURRENT MARKET DATA ON COMPARABLE POSITIONS

Name of the organization AMERICAN ASSOCIATION OF VARIABLE STAR OBSERVERS	Employer identification number 04-2164402
--	---

FORM 990, PART VI, SECTION C, LINE 19:

THE ASSOCIATION MAKES ITS GOVERNING DOCUMENTS, CONFLICT OF INTEREST POLICY
AND FINANCIAL STATEMENTS AVAILABLE TO THE PUBLIC UPON REQUEST.