

For calendar year 2017, or tax year beginning 01-01-2017, and ending 12-31-2017

Name of foundation STEMS MACARTHUR FOUNDATION INC		A Employer identification number 45-2474548	
Number and street (or P O box number if mail is not delivered to street address) 7 WILLOW STREET		Room/suite	
City or town, state or province, country, and ZIP or foreign postal code ANNAPOLIS, MD 214013112		B Telephone number (see instructions)	
G Check all that apply ☐ Initial return ☐ Initial return of a former public charity ☐ Final return ☐ Amended return ☐ Address change ☐ Name change		D 1. Foreign organizations, check here 2 Foreign organizations meeting the 85% test, check here and attach computation	
H Check type of organization ☒ Section 501(c)(3) exempt private foundation ☐ Section 4947(a)(1) nonexempt charitable trust ☐ Other taxable private foundation		E If private foundation status was terminated under section 507(b)(1)(A), check here	
I Fair market value of all assets at end of year (from Part II, col (c), line 16) \$ 522,610	J Accounting method ☒ Cash ☐ Accrual ☐ Other (specify) _____ (Part I, column (d) must be on cash basis)	F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here	

Part I Analysis of Revenue and Expenses (The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a) (see instructions))		(a) Revenue and expenses per books	(b) Net investment income	(c) Adjusted net income	(d) Disbursements for charitable purposes (cash basis only)
Revenue	1 Contributions, gifts, grants, etc , received (attach schedule)				
	2 Check ☒ if the foundation is not required to attach Sch B				
	3 Interest on savings and temporary cash investments	2	2		
	4 Dividends and interest from securities	10,676	10,676		
	5a Gross rents				
	b Net rental income or (loss) _____				
	6a Net gain or (loss) from sale of assets not on line 10	8,910			
	b Gross sales price for all assets on line 6a 38,664				
	7 Capital gain net income (from Part IV, line 2)		8,910		
	8 Net short-term capital gain				
	9 Income modifications				
	10a Gross sales less returns and allowances _____				
Operating and Administrative Expenses	b Less Cost of goods sold				
	c Gross profit or (loss) (attach schedule)				
	11 Other income (attach schedule)				
	12 Total. Add lines 1 through 11	19,588	19,588		
	13 Compensation of officers, directors, trustees, etc				
	14 Other employee salaries and wages				
	15 Pension plans, employee benefits				
	16a Legal fees (attach schedule)				
	b Accounting fees (attach schedule)				
	c Other professional fees (attach schedule)	6,862	6,362		500
	17 Interest	4	4		
	18 Taxes (attach schedule) (see instructions)	264	151		
	19 Depreciation (attach schedule) and depletion				
	20 Occupancy				
	21 Travel, conferences, and meetings				
	22 Printing and publications				
	23 Other expenses (attach schedule)				
	24 Total operating and administrative expenses. Add lines 13 through 23	7,130	6,517		500
	25 Contributions, gifts, grants paid	35,500			35,500
	26 Total expenses and disbursements. Add lines 24 and 25	42,630	6,517		36,000
	27 Subtract line 26 from line 12				
	a Excess of revenue over expenses and disbursements	-23,042			
	b Net investment income (if negative, enter -0-)		13,071		
c Adjusted net income(if negative, enter -0-)					

Part II Balance Sheets		Attached schedules and amounts in the description column should be for end-of-year amounts only (See instructions.)			
		Beginning of year (a) Book Value	End of year (b) Book Value (c) Fair Market Value		
Assets	1	Cash—non-interest-bearing	4,117	1,789	1,789
	2	Savings and temporary cash investments			
	3	Accounts receivable ▶ _____ Less allowance for doubtful accounts ▶ _____			
	4	Pledges receivable ▶ _____ Less allowance for doubtful accounts ▶ _____			
	5	Grants receivable			
	6	Receivables due from officers, directors, trustees, and other disqualified persons (attach schedule) (see instructions)			
	7	Other notes and loans receivable (attach schedule) ▶ _____ Less allowance for doubtful accounts ▶ _____			
	8	Inventories for sale or use			
	9	Prepaid expenses and deferred charges			
	10a	Investments—U S and state government obligations (attach schedule)			
	b	Investments—corporate stock (attach schedule)			
	c	Investments—corporate bonds (attach schedule)			
	11	Investments—land, buildings, and equipment basis ▶ _____ Less accumulated depreciation (attach schedule) ▶ _____			
	12	Investments—mortgage loans			
	13	Investments—other (attach schedule)	416,618	396,250	520,821
	14	Land, buildings, and equipment basis ▶ _____ Less accumulated depreciation (attach schedule) ▶ _____			
15	Other assets (describe ▶ _____)				
16	Total assets (to be completed by all filers—see the instructions Also, see page 1, item I)	420,735	398,039	522,610	
Liabilities	17	Accounts payable and accrued expenses	1,274	2,412	
	18	Grants payable			
	19	Deferred revenue			
	20	Loans from officers, directors, trustees, and other disqualified persons			
	21	Mortgages and other notes payable (attach schedule)			
	22	Other liabilities (describe ▶ _____)			
	23	Total liabilities (add lines 17 through 22)	1,274	2,412	
Net Assets or Fund Balances	Foundations that follow SFAS 117, check here ☐ and complete lines 24 through 26 and lines 30 and 31.				
	24	Unrestricted			
	25	Temporarily restricted			
	26	Permanently restricted			
	Foundations that do not follow SFAS 117, check here ☒ and complete lines 27 through 31.				
	27	Capital stock, trust principal, or current funds	419,461	395,627	
	28	Paid-in or capital surplus, or land, bldg , and equipment fund			
	29	Retained earnings, accumulated income, endowment, or other funds			
30	Total net assets or fund balances (see instructions)	419,461	395,627		
31	Total liabilities and net assets/fund balances (see instructions) .	420,735	398,039		

Part III Analysis of Changes in Net Assets or Fund Balances

1	Total net assets or fund balances at beginning of year—Part II, column (a), line 30 (must agree with end-of-year figure reported on prior year's return)	1	419,461
2	Enter amount from Part I, line 27a	2	-23,042
3	Other increases not included in line 2 (itemize) ▶ _____	3	
4	Add lines 1, 2, and 3	4	396,419
5	Decreases not included in line 2 (itemize) ▶ _____	5	792
6	Total net assets or fund balances at end of year (line 4 minus line 5)—Part II, column (b), line 30 .	6	395,627

Part IV Capital Gains and Losses for Tax on Investment Income

(a) List and describe the kind(s) of property sold (e g , real estate, 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo , day, yr)	(d) Date sold (mo , day, yr)
1 a MORGAN STANLEY 904016137519	P		
b			
c			
d			
e			

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
a 32,665		29,754	2,911
b			
c			
d			
e			

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			(l) Gains (Col (h) gain minus col (k), but not less than -0-) or Losses (from col (h))
(i) F M V as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col (i) over col (j), if any	
a			2,911
b			
c			
d			
e			

2 Capital gain net income or (net capital loss)	2	8,910
3 Net short-term capital gain or (loss) as defined in sections 1222(5) and (6) If gain, also enter in Part I, line 8, column (c) (see instructions) If (loss), enter -0- in Part I, line 8	3	

Part V Qualification Under Section 4940(e) for Reduced Tax on Net Investment Income

(For optional use by domestic private foundations subject to the section 4940(a) tax on net investment income)

If section 4940(d)(2) applies, leave this part blank

Was the foundation liable for the section 4942 tax on the distributable amount of any year in the base period?



Yes



No

If "Yes," the foundation does not qualify under section 4940(e) Do not complete this part

1 Enter the appropriate amount in each column for each year, see instructions before making any entries

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col (b) divided by col (c))
2016	22,000	472,991	0 046513
2015	28,151	490,132	0 057436
2014	39,898	522,905	0 076301
2013	15,926	513,563	0 031011
2012	12,466	418,904	0 029759
2 Total of line 1, column (d)			0 241020
3 Average distribution ratio for the 5-year base period—divide the total on line 2 by 5, or by the number of years the foundation has been in existence if less than 5 years			0 048204
4 Enter the net value of noncharitable-use assets for 2017 from Part X, line 5			496,848
5 Multiply line 4 by line 3			23,950
6 Enter 1% of net investment income (1% of Part I, line 27b)			131
7 Add lines 5 and 6			24,081
8 Enter qualifying distributions from Part XII, line 4			36,000

If line 8 is equal to or greater than line 7, check the box in Part VI, line 1b, and complete that part using a 1% tax rate See the Part VI instructions

Part VI Excise Tax Based on Investment Income (Section 4940(a), 4940(b), 4940(e), or 4948—see instructions)

1a	Exempt operating foundations described in section 4940(d)(2), check here ☐ and enter "N/A" on line 1 Date of ruling or determination letter _____ (attach copy of letter if necessary—see instructions)		
b	Domestic foundations that meet the section 4940(e) requirements in Part V, check here ☒ and enter 1% of Part I, line 27b	1	131
c	All other domestic foundations enter 2% of line 27b. Exempt foreign organizations enter 4% of Part I, line 12, col (b)		
2	Tax under section 511 (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)	2	
3	Add lines 1 and 2.	3	131
4	Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)	4	
5	Tax based on investment income. Subtract line 4 from line 3. If zero or less, enter -0-	5	131
6	Credits/Payments		
a	2017 estimated tax payments and 2016 overpayment credited to 2017	6a	
b	Exempt foreign organizations—tax withheld at source	6b	
c	Tax paid with application for extension of time to file (Form 8868)	6c	
d	Backup withholding erroneously withheld	6d	
7	Total credits and payments. Add lines 6a through 6d.	7	131
8	Enter any penalty for underpayment of estimated tax. Check here ☐ if Form 2220 is attached	8	
9	Tax due. If the total of lines 5 and 8 is more than line 7, enter amount owed ▶	9	
10	Overpayment. If line 7 is more than the total of lines 5 and 8, enter the amount overpaid ▶	10	
11	Enter the amount of line 10 to be Credited to 2018 estimated tax ▶ Refunded ▶	11	

Part VII-A Statements Regarding Activities

		Yes	No
1a	During the tax year, did the foundation attempt to influence any national, state, or local legislation or did it participate or intervene in any political campaign?	1a	No
b	Did it spend more than \$100 during the year (either directly or indirectly) for political purposes (see Instructions for definition)? <i>If the answer is "Yes" to 1a or 1b, attach a detailed description of the activities and copies of any materials published or distributed by the foundation in connection with the activities</i>	1b	No
c	Did the foundation file Form 1120-POL for this year?	1c	
d	Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year (1) On the foundation ▶ \$ _____ (2) On foundation managers ▶ \$ _____		
e	Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers ▶ \$ _____		
2	Has the foundation engaged in any activities that have not previously been reported to the IRS? <i>If "Yes," attach a detailed description of the activities</i>	2	No
3	Has the foundation made any changes, not previously reported to the IRS, in its governing instrument, articles of incorporation, or bylaws, or other similar instruments? <i>If "Yes," attach a conformed copy of the changes</i>	3	No
4a	Did the foundation have unrelated business gross income of \$1,000 or more during the year?	4a	No
b	If "Yes," has it filed a tax return on Form 990-T for this year?	4b	
5	Was there a liquidation, termination, dissolution, or substantial contraction during the year? <i>If "Yes," attach the statement required by General Instruction T</i>	5	No
6	Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either • By language in the governing instrument, or • By state legislation that effectively amends the governing instrument so that no mandatory directions that conflict with the state law remain in the governing instrument?	6	Yes
7	Did the foundation have at least \$5,000 in assets at any time during the year? <i>If "Yes," complete Part II, col (c), and Part XV</i>	7	Yes
8a	Enter the states to which the foundation reports or with which it is registered (see instructions) ▶ MD _____		
b	If the answer is "Yes" to line 7, has the foundation furnished a copy of Form 990-PF to the Attorney General (or designate) of each state as required by General Instruction G? <i>If "No," attach explanation</i>	8b	No
9	Is the foundation claiming status as a private operating foundation within the meaning of section 4942(j)(3) or 4942(j)(5) for calendar year 2017 or the taxable year beginning in 2017 (see instructions for Part XIV)? <i>If "Yes," complete Part XIV</i>	9	No
10	Did any persons become substantial contributors during the tax year? <i>If "Yes," attach a schedule listing their names and addresses</i>	10	No

Part VII-A Statements Regarding Activities (continued)

11	At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If "Yes," attach schedule (see instructions).	11		No
12	Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If "Yes," attach statement (see instructions)	12		No
13	Did the foundation comply with the public inspection requirements for its annual returns and exemption application? Website address NONE	13	Yes	
14	The books are in care of GEORGE COWPERTHWAIT Telephone no (301) 694-0144			

Located at **10 NORTH JEFFERSON STREET SUITE 200 FREDERICK MD** ZIP+4 **21701**

15	Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041 —Check here ☐ and enter the amount of tax-exempt interest received or accrued during the year 15			
16	At any time during calendar year 2017, did the foundation have an interest in or a signature or other authority over a bank, securities, or other financial account in a foreign country? See instructions for exceptions and filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial Accounts (FBAR). If "Yes," enter the name of the foreign country ▶	16	Yes	No

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required

File Form 4720 if any item is checked in the "Yes" column, unless an exception applies.

1a	During the year did the foundation (either directly or indirectly)		Yes	No
	(1) Engage in the sale or exchange, or leasing of property with a disqualified person? ☐ Yes ☒ No			
	(2) Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person? ☐ Yes ☒ No			
	(3) Furnish goods, services, or facilities to (or accept them from) a disqualified person? ☐ Yes ☒ No			
	(4) Pay compensation to, or pay or reimburse the expenses of, a disqualified person? ☐ Yes ☒ No			
	(5) Transfer any income or assets to a disqualified person (or make any of either available for the benefit or use of a disqualified person)? ☐ Yes ☒ No			
	(6) Agree to pay money or property to a government official? (Exception. Check "No" if the foundation agreed to make a grant to or to employ the official for a period after termination of government service, if terminating within 90 days). ☐ Yes ☒ No			
b	If any answer is "Yes" to 1a(1)–(6), did any of the acts fail to qualify under the exceptions described in Regulations section 53.4941(d)-3 or in a current notice regarding disaster assistance (see instructions)? ☐ Organizations relying on a current notice regarding disaster assistance check here. ☐	1b		
c	Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2017? ☐	1c		
2	Taxes on failure to distribute income (section 4942) (does not apply for years the foundation was a private operating foundation defined in section 4942(j)(3) or 4942(j)(5))			
a	At the end of tax year 2017, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2017? ☐ Yes ☒ No If "Yes," list the years ▶ 20____, 20____, 20____, 20____			
b	Are there any years listed in 2a for which the foundation is not applying the provisions of section 4942(a)(2) (relating to incorrect valuation of assets) to the year's undistributed income? (If applying section 4942(a)(2) to all years listed, answer "No" and attach statement—see instructions). ☐	2b		
c	If the provisions of section 4942(a)(2) are being applied to any of the years listed in 2a, list the years here ▶ 20____, 20____, 20____, 20____			
3a	Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year? ☐ Yes ☒ No			
b	If "Yes," did it have excess business holdings in 2017 as a result of (1) any purchase by the foundation or disqualified persons after May 26, 1969, (2) the lapse of the 5-year period (or longer period approved by the Commissioner under section 4943(c)(7)) to dispose of holdings acquired by gift or bequest, or (3) the lapse of the 10-, 15-, or 20-year first phase holding period? (Use Schedule C, Form 4720, to determine if the foundation had excess business holdings in 2017). ☐	3b		
4a	Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?	4a		No
b	Did the foundation make any investment in a prior year (but after December 31, 1969) that could jeopardize its charitable purpose that had not been removed from jeopardy before the first day of the tax year beginning in 2017?	4b		No

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required (Continued)

5a	During the year did the foundation pay or incur any amount to				
	(1) Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))?	☐ Yes	☒ No		
	(2) Influence the outcome of any specific public election (see section 4955), or to carry on, directly or indirectly, any voter registration drive?	☐ Yes	☒ No		
	(3) Provide a grant to an individual for travel, study, or other similar purposes?	☐ Yes	☒ No		
	(4) Provide a grant to an organization other than a charitable, etc., organization described in section 4945(d)(4)(A)? (see instructions).	☐ Yes	☒ No		
	(5) Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals?	☐ Yes	☒ No		
b	If any answer is "Yes" to 5a(1)–(5), did any of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance (see instructions)?	5b			
	Organizations relying on a current notice regarding disaster assistance check here. 				
c	If the answer is "Yes" to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant?	☐ Yes	☐ No		
	<i>If "Yes," attach the statement required by Regulations section 53.4945–5(d)</i>				
6a	Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	☐ Yes	☒ No	6b	No
b	Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract?				
	<i>If "Yes" to 6b, file Form 8870</i>				
7a	At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction?	☐ Yes	☒ No	7b	
b	If yes, did the foundation receive any proceeds or have any net income attributable to the transaction?				

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors**1 List all officers, directors, trustees, foundation managers and their compensation (see instructions).**

(a) Name and address	Title, and average hours per week (b) devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	Expense account, (e) other allowances
MARCIA MACARTHUR 1661 PINE STREET 545 SAN FRANCISCO, CA 94109	PRESIDENT 000 00	0	0	0
STEVEN RABORN 9704 53RD AVENUE COLLEGE PARK, MD 20740	VICE PRESIDE 000 00	0	0	0
EMILY HANSON 4920 COLISEUM STREET NEW ORLEANS, LA 70115	SECRETARY 000 00	0	0	0

2 Compensation of five highest-paid employees (other than those included on line 1—see instructions). If none, enter "NONE."

(a) Name and address of each employee paid more than \$50,000	Title, and average hours per week (b) devoted to position	(c) Compensation	Contributions to employee benefit plans and deferred compensation (d)	Expense account, (e) other allowances
NONE				

Total number of other employees paid over \$50,000. ▶**3 Five highest-paid independent contractors for professional services (see instructions). If none, enter "NONE".**

(a) Name and address of each person paid more than \$50,000	(b) Type of service	(c) Compensation
NONE		

Total number of others receiving over \$50,000 for professional services. ▶**Part IX-A Summary of Direct Charitable Activities**

List the foundation's four largest direct charitable activities during the tax year. Include relevant statistical information such as the number of organizations and other beneficiaries served, conferences convened, research papers produced, etc.

	Expenses
1	
2	
3	
4	

Part IX-B Summary of Program-Related Investments (see instructions)

Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2	Amount
1 N/A	
2	
All other program-related investments. See instructions.	
3	
Total. Add lines 1 through 3	▶

Part X Minimum Investment Return (All domestic foundations must complete this part. Foreign foundations, see instructions.)

1	Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes		
a	Average monthly fair market value of securities.	1a	501,461
b	Average of monthly cash balances.	1b	2,953
c	Fair market value of all other assets (see instructions).	1c	0
d	Total (add lines 1a, b, and c).	1d	504,414
e	Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation).	1e	
2	Acquisition indebtedness applicable to line 1 assets.	2	
3	Subtract line 2 from line 1d.	3	504,414
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions).	4	7,566
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4.	5	496,848
6	Minimum investment return. Enter 5% of line 5.	6	24,842

Part XI Distributable Amount (see instructions) (Section 4942(j)(3) and (j)(5) private operating foundations and certain foreign organizations check here ☐ and do not complete this part.)

1	Minimum investment return from Part X, line 6.	1	24,842
2a	Tax on investment income for 2017 from Part VI, line 5.	2a	131
b	Income tax for 2017 (This does not include the tax from Part VI).	2b	
c	Add lines 2a and 2b.	2c	131
3	Distributable amount before adjustments. Subtract line 2c from line 1.	3	24,711
4	Recoveries of amounts treated as qualifying distributions.	4	
5	Add lines 3 and 4.	5	24,711
6	Deduction from distributable amount (see instructions).	6	
7	Distributable amount as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1.	7	24,711

Part XII Qualifying Distributions (see instructions)

1	Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes		
a	Expenses, contributions, gifts, etc.—total from Part I, column (d), line 26.	1a	36,000
b	Program-related investments—total from Part IX-B.	1b	
2	Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes.	2	
3	Amounts set aside for specific charitable projects that satisfy the		
a	Suitability test (prior IRS approval required).	3a	
b	Cash distribution test (attach the required schedule).	3b	
4	Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4.	4	36,000
5	Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b (see instructions).	5	131
6	Adjusted qualifying distributions. Subtract line 5 from line 4.	6	35,869

Note: The amount on line 6 will be used in Part V, column (b), in subsequent years when calculating whether the foundation qualifies for the section 4940(e) reduction of tax in those years.

Part XIII Undistributed Income (see instructions)

	(a) Corpus	(b) Years prior to 2016	(c) 2016	(d) 2017
1 Distributable amount for 2017 from Part XI, line 7				24,711
2 Undistributed income, if any, as of the end of 2017				
a Enter amount for 2016 only.			1,778	
b Total for prior years 20____, 20____, 20____				
3 Excess distributions carryover, if any, to 2017				
a From 2012.				
b From 2013.				
c From 2014.				
d From 2015.				
e From 2016.				
f Total of lines 3a through e.				
4 Qualifying distributions for 2017 from Part XII, line 4 ▶ \$ 36,000				
a Applied to 2016, but not more than line 2a			1,778	
b Applied to undistributed income of prior years (Election required—see instructions).				
c Treated as distributions out of corpus (Election required—see instructions).				
d Applied to 2017 distributable amount.				24,711
e Remaining amount distributed out of corpus	9,511			
5 Excess distributions carryover applied to 2017 (If an amount appears in column (d), the same amount must be shown in column (a))				
6 Enter the net total of each column as indicated below:				
a Corpus Add lines 3f, 4c, and 4e Subtract line 5	9,511			
b Prior years' undistributed income Subtract line 4b from line 2b				
c Enter the amount of prior years' undistributed income for which a notice of deficiency has been issued, or on which the section 4942(a) tax has been previously assessed.				
d Subtract line 6c from line 6b Taxable amount—see instructions				
e Undistributed income for 2016 Subtract line 4a from line 2a Taxable amount—see instructions				
f Undistributed income for 2017 Subtract lines 4d and 5 from line 1 This amount must be distributed in 2018				0
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (Election may be required - see instructions).				
8 Excess distributions carryover from 2012 not applied on line 5 or line 7 (see instructions).				
9 Excess distributions carryover to 2018. Subtract lines 7 and 8 from line 6a	9,511			
10 Analysis of line 9				
a Excess from 2013.				
b Excess from 2014.				
c Excess from 2015.				
d Excess from 2016.				
e Excess from 2017.	9,511			

b Check box to indicate whether the organization is a private operating foundation described in section ☐ 4942(j)(3) or ☐ 4942(j)(5)Form **990-PF** (2017)

Part XV **Supplementary Information** (continued)**3 Grants and Contributions Paid During the Year or Approved for Future Payment**

Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i> See Additional Data Table				
Total			3a	35,500
b <i>Approved for future payment</i>				
Total			3b	

Enter gross amounts unless otherwise indicated

Part XVI-B Relationship of Activities to the Accomplishment of Exempt Purposes

Form **990-PF** (2017)

Part XVII Information Regarding Transfers To and Transactions and Relationships With Noncharitable Exempt Organizations

1 Did the organization directly or indirectly engage in any of the following with any other organization described in section 501(c) of the Code (other than section 501(c)(3) organizations) or in section 527, relating to political organizations?		Yes	No
a Transfers from the reporting foundation to a noncharitable exempt organization of			
(1) Cash.	1a(1)		No
(2) Other assets.	1a(2)		No
b Other transactions			
(1) Sales of assets to a noncharitable exempt organization.	1b(1)		No
(2) Purchases of assets from a noncharitable exempt organization.	1b(2)		No
(3) Rental of facilities, equipment, or other assets.	1b(3)		No
(4) Reimbursement arrangements.	1b(4)		No
(5) Loans or loan guarantees.	1b(5)		No
(6) Performance of services or membership or fundraising solicitations.	1b(6)		No
c Sharing of facilities, equipment, mailing lists, other assets, or paid employees.	1c		No
d If the answer to any of the above is "Yes," complete the following schedule. Column (b) should always show the fair market value of the goods, other assets, or services given by the reporting foundation. If the foundation received less than fair market value in any transaction or sharing arrangement, show in column (d) the value of the goods, other assets, or services received.			

(a) Line No	(b) Amount involved	(c) Name of noncharitable exempt organization	(d) Description of transfers, transactions, and sharing arrangements

2a Is the foundation directly or indirectly affiliated with, or related to, one or more tax-exempt organizations described in section 501(c) of the Code (other than section 501(c)(3)) or in section 527? ☐ Yes ☒ No

b If "Yes," complete the following schedule

(a) Name of organization	(b) Type of organization	(c) Description of relationship

Sign Here	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 taxpayer) is based on all information of which preparer has any knowledge.	***** 2018-05-26 *****	May the IRS discuss this return with the preparer shown below (see instr)? ☒ Yes ☐ No
	Signature of officer or trustee	Date	Title

Paid Preparer Use Only	Print/Type preparer's name	Preparer's Signature	Date	Check if self-employed ☒	PTIN
	GEORGE E COWPERTHWAIT JR CPA		2018-05-23		P00173413
	Firm's name ► GEORGE E COWPERTHWAIT JR CPA LLC				Firm's EIN ► 86-1108733
	Firm's address ► 10 NORTH JEFFERSON STREET SUITE 20 FREDERICK, MD 21701				Phone no (301) 694-0144

Form 990PF Part XV Line 3 - Grants and Contributions Paid During the Year or Approved for Future Payment				
Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
WORLD WILDLIFE FUND 1250 24TH STREET NW WASHINGTON, DC 20037	NONE	501(C)(3)	SUPPORT CHARITABLE ACTIVITIES	1,000
SALVATION ARMY832 FOLSOM STREET SAN FRANCISCO, CA 94107	NONE	501(C)(3)	SUPPORT CHARITABLE ACTIVITIES	1,000
DEMOCRACY NOW 207 WEST 25TH STREET NEW YORK, NY 10001	NONE	501(C)(3)	SUPPORT CHARITABLE ACTIVITIES	3,000
PETS FOR VETSPO BOX 10860 WILMINGTON, NC 28404	NONE	501(C)(3)	SUPPORT CHARITABLE ACTIVITIES	5,000
NATIONAL WOMENS HISTORY MUSEUM 205 S WHITING ST STE 254 ALEXANDRIA, VA 22304	NONE	501(C)(3)	SUPPORT CHARITABLE ACTIVITIES	1,000
Total ▶ 3a				35,500

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Name and address (home or business)				
a <i>Paid during the year</i>				
ST JUDE CHILDREN'S RESEARCH 501 ST JUDE PLACE MEMPHIS, TN 38105	NONE	501(C)(3)	SUPPORT CHARITABLE ACTIVITIES	1,000
SAN FRANCISCO NIGHT MINISTRY 1031 FRANKLIN ST SAN FRANCISCO, CA 94109	NONE	501(C)(3)	SUPPORT CHARITABLE ACTIVITY	1,000
NATIONAL MUSEUM OF WOMEN IN ARTS 1250 NEW YORK AVE NW WASHINGTON, DC 20005	NONE	501(C)(3)	SUPPORT CHARITABLE ACTIVITIES	10,000
FINE ARTS MUSEUM OF SAN FRANCISCO 50 HAGIWARA TEA GARDEN DR SAN FRANCISCO, CA 94118	NONE	501(C)(3)	SUPPORT CHARITABLE ACTIVITIES	2,500
VETS FOR PEACE1404 N BROADWAY ST LOUIS, MO 63102	NONE	501(C)(3)	SUPPORT CHARITABLE ACTIVITIES	3,000
Total ► 3a				35,500

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Name and address (home or business)				
a <i>Paid during the year</i>				
HONOR THE EARTH PO BOX 63 607 MAIN AVE CALLAWAY, MN 56521	NONE	501(C)(3)	SUPPORT CHARITABLE ACTIVITIES	6,000
UNIVERSITY OF CA BERKELEY LIBRARY 131 DOE LIBRARY BERKELEY, CA 94720	NONE	501(C)(3)	SUPPORT CHARITABLE ACTIVITIES	1,000
Total ▶ 3a				35,500

TY 2017 Explanation of Non-Filing with Attorney General Statement

Name: STEMS MACARTHUR FOUNDATION INC

EIN: 45-2474548

Statement:

MARYLAND DOES NOT REQUIRE FORM 990PF TO BE FILED WITH THE ATTORNEY GENERAL BECAUSE THE FOUNDATION DOES NOT SOLICIT CONTRIBUTIONS FROM THE PUBLIC.

TY 2017 Investments - Other Schedule**Name:** STEMS MACARTHUR FOUNDATION INC**EIN:** 45-2474548**Investments Other Schedule 2**

Category/ Item	Listed at Cost or FMV	Book Value	End of Year Fair Market Value
MUTUAL FUNDS	AT COST	173,607	181,765
ETF & CLOSED END FUNDS	AT COST	222,643	339,056

TY 2017 Other Decreases Schedule

Name: STEMS MACARTHUR FOUNDATION INC
EIN: 45-2474548

Description	Amount
UNLOCATED DIFFERENCE	792

TY 2017 Other Professional Fees Schedule**Name:** STEMS MACARTHUR FOUNDATION INC**EIN:** 45-2474548

Category	Amount	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
INVESTMENT MANAGEMENT FEES	5,837	5,837		
TAX PREPARATION	1,025	525		500

TY 2017 Taxes Schedule**Name:** STEMS MACARTHUR FOUNDATION INC**EIN:** 45-2474548

Category	Amount	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
FOREIGN TAXES	151	151		
EXCISE TAX ON INVESTMENT INCOME	113			