

Form 990-PF

Return of Private Foundation

or Section 4947(a)(1) Trust Treated as Private Foundation

OMB No 1545-0052

2017

Department of the Treasury Internal Revenue Service

Do not enter social security numbers on this form as it may be made public. Go to www.irs.gov/Form990PF for instructions and the latest information.

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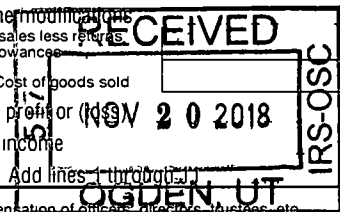
For calendar year 2017 or tax year beginning , and ending

Name of foundation: JUPITER RESEARCH FOUNDATION
Employer identification number: 20-0513215
Address: 350 SECOND STREET, LOS ALTOS, CA 94022
Room/suite: #6
Telephone number: 650-947-9920
Check all that apply: Initial return, Final return, Address change, etc.
Check type of organization: Section 501(c)(3) exempt private foundation
Fair market value of all assets at end of year: \$ 3,465,918.

Table with 5 columns: (a) Revenue and expenses per books, (b) Net investment income, (c) Adjusted net income, (d) Disbursements for charitable purposes. Rows include Revenue (1-12) and Operating and Administrative Expenses (13-26). Total adjusted net income: 7,587.

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Part II Balance Sheets		Attached schedules and amounts in the description column should be for end-of-year amounts only		Beginning of year	End of year		
		(a) Book Value	(b) Book Value	(c) Fair Market Value			
Assets	1	Cash - non-interest-bearing		64,931.	112,637.	112,637.	
	2	Savings and temporary cash investments		4,970,387.	125,766.	125,766.	
	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					
	7	Other notes and loans receivable ▶	793,303.				
		Less: allowance for doubtful accounts ▶	0.				
				879,944.	793,303.	793,303.	
	8	Inventories for sale or use					
	9	Prepaid expenses and deferred charges			51,955.	3,500.	3,500.
	10a	Investments - U.S. and state government obligations					
	b	Investments - corporate stock	STMT 9		0.	1,901,507.	1,965,509.
	c	Investments - corporate bonds					
11	Investments - land, buildings, and equipment basis ▶						
	Less accumulated depreciation ▶						
12	Investments - mortgage loans						
13	Investments - other						
14	Land, buildings, and equipment, basis ▶	1,451,519.					
	Less accumulated depreciation ▶	1,017,411.		1,313,046.	434,108.	434,108.	
15	Other assets (describe ▶	STATEMENT 10)		106,902.	31,095.	31,095.	
16	<b>Total assets</b> (to be completed by all filers - see the instructions. Also, see page 1, item I)			7,387,165.	3,401,916.	3,465,918.	
Liabilities	17	Accounts payable and accrued expenses			64,383.		
	18	Grants payable					
	19	Deferred revenue					
	20	Loans from officers, directors, trustees, and other disqualified persons			1,004,942.	1,004,942.	
	21	Mortgages and other notes payable					
	22	Other liabilities (describe ▶	401K LIABILITIES )		8,561.	0.	
23	<b>Total liabilities</b> (add lines 17 through 22)			1,013,503.	1,069,325.		
Net Assets or Fund Balances	Foundations that follow SFAS 117, check here ▶		<input checked="" type="checkbox"/>				
	and complete lines 24 through 26, and lines 30 and 31						
	24	Unrestricted			6,373,662.	2,332,591.	
	25	Temporarily restricted					
	26	Permanently restricted					
	Foundations that do not follow SFAS 117, check here ▶		<input type="checkbox"/>				
	and complete lines 27 through 31						
27	Capital stock, trust principal, or current funds						
28	Paid-in or capital surplus, or land, bldg., and equipment fund						
29	Retained earnings, accumulated income, endowment, or other funds						
30	<b>Total net assets or fund balances</b>			6,373,662.	2,332,591.		
31	<b>Total liabilities and net assets/fund balances</b>			7,387,165.	3,401,916.		

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	6,373,662.
2	Enter amount from Part I, line 27a	2	<2,688,388.>
3	Other increases not included in line 2 (itemize) ▶	3	0.
4	Add lines 1, 2, and 3	4	3,685,274.
5	Decreases not included in line 2 (itemize) ▶	5	SEE STATEMENT 8
6	<b>Total net assets or fund balances at end of year</b> (line 4 minus line 5) - Part II, column (b), line 30	6	2,332,591.

**Part IV Capital Gains and Losses for Tax on Investment Income**

(a) List and describe the kind(s) of property sold (for example, 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.)
1a SEE ATTACHMENT A	P	VARIOUS	VARIOUS
b CAPITAL GAINS DIVIDENDS			
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 2,253,645.		2,194,809.	58,836.
b 7,024.			7,024.
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) FMV as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col. (i) over col. (j), if any	
a			58,836.
b			7,024.
c			
d			
e			

2 Capital gain net income or (net capital loss)	{ If gain, also enter in Part I, line 7 If (loss), enter -0- in Part I, line 7	2	65,860.
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). If (loss), enter -0- in Part I, line 8		3	58,836.

**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 doesn't qualify under section 4940(e). Do not complete this part

1 Enter the appropriate amount in each column for each year; see the 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	2,445,094.	2,659,451.	.919398
2015	2,496,585.	2,613,891.	.955122
2014	2,613,765.	2,532,306.	1.032168
2013	2,013,371.	2,505,132.	.803699
2012	1,945,924.	1,786,161.	1.089445

2 Total of line 1, column (d)	2	4.799832
3 Average distribution ratio for the 5-year base period - divide the total on line 2 by 5.0, or by the number of years the foundation has been in existence if less than 5 years	3	.959966
4 Enter the net value of noncharitable-use assets for 2017 from Part X, line 5	4	3,586,078.
5 Multiply line 4 by line 3	5	3,442,513.
6 Enter 1% of net investment income (1% of Part I, line 27b)	6	1,267.
7 Add lines 5 and 6	7	3,443,780.
8 Enter qualifying distributions from Part XII, line 4	8	2,696,828.

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 <input type="checkbox"/> 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 <input type="checkbox"/> and enter 1% of Part I, line 27b	1	2,535.
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	0.
3	Add lines 1 and 2	3	2,535.
4	Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only; others, enter -0-)	4	0.
5	Tax based on investment income. Subtract line 4 from line 3. If zero or less, enter -0-	5	2,535.
6	Credits/Payments:		
a	2017 estimated tax payments and 2016 overpayment credited to 2017	6a	0.
b	Exempt foreign organizations - tax withheld at source	6b	0.
c	Tax paid with application for extension of time to file (Form 8868)	6c	10,000.
d	Backup withholding erroneously withheld	6d	0.
7	Total credits and payments. Add lines 6a through 6d	7	10,000.
8	Enter any penalty for underpayment of estimated tax. Check here <input checked="" type="checkbox"/> if Form 2220 is attached	8	79.
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	7,386.
11	Enter the amount of line 10 to be: Credited to 2018 estimated tax <input type="checkbox"/> 7,386. Refunded <input type="checkbox"/>	11	0.

**Part VII-A Statements Regarding Activities**

	Yes	No
1a		X
1b		X
1c		X
2		X
3		X
4a		X
4b		
5		X
6	X	
7	X	
8a		
8b	X	
9	X	
10		X

**Part VII-A Statements Regarding Activities** (continued)

	Yes	No
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		X
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		X
13 Did the foundation comply with the public inspection requirements for its annual returns and exemption application? Website address ► WWW.JUPITERFOUNDATION.ORG	X	
14 The books are in care of ► THE FOUNDATION Telephone no. ► 650-947-9920 Located at ► 350 SECOND STREET, NO. #6, LOS ALTOS, CA ZIP+4 ► 94022		
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		N/A
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 the instructions for exceptions and filing requirements for FinCEN Form 114. If "Yes," enter the name of the foreign country ►		X

**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.

	Yes	No
1a During the year, did the foundation (either directly or indirectly): (1) Engage in the sale or exchange, or leasing of property with a disqualified person? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (2) Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (3) Furnish goods, services, or facilities to (or accept them from) a disqualified person? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (4) Pay compensation to, or pay or reimburse the expenses of, a disqualified person? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 ) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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		N/A
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?		X
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 6c, Part XIII) for tax year(s) beginning before 2017? If "Yes," list the years ►		X
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.)		N/A
c If the provisions of section 4942(a)(2) are being applied to any of the years listed in 2a, list the years here. ►		
3a Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.)		N/A
4a Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?		X
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?		X

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

		Yes	No
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(c))?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
(2) Influence the outcome of any specific public election (see section 4955), or to carry on, directly or indirectly, any voter registration drive?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
(3) Provide a grant to an individual for travel, study, or other similar purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
(4) Provide a grant to an organization other than a charitable, etc., organization described in section 4945(d)(4)(A)? See instructions	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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	N/A	5b	
Organizations relying on a current notice regarding disaster assistance, check here <input type="checkbox"/>			
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?	N/A <input type="checkbox"/> Yes <input type="checkbox"/> No		
If "Yes," attach the statement required by Regulations section 53.4945-5(d).			
6a Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
b Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract?		6b	X
If "Yes" to 6b, file Form 8870.			
7a At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
b If "Yes," did the foundation receive any proceeds or have any net income attributable to the transaction?	N/A	7b	

**Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors**

**1 List all officers, directors, trustees, and foundation managers and their compensation.**

(a) Name and address	(b) Title, and average hours per week devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
JOSEPH D. RIZZI 350 2ND STREET, SUITE 6 LOS ALTOS, CA 94022	FOUNDING MEMBER, PRESIDENT 1.00	0.	0.	0.
BRUCE KAMOLNICK 350 2ND STREET, SUITE 6 LOS ALTOS, CA 94022	DIRECTOR, CFO 40.00	137,500.	23,969.	0.
JORGE DEL CALVO 350 2ND STREET, SUITE 6 LOS ALTOS, CA 94022	DIRECTOR 1.00	0.	0.	0.

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

(a) Name and address of each employee paid more than \$50,000	(b) Title, and average hours per week devoted to position	(c) Compensation	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
KEVIN REA - 314 WALNUT STREET, MENLO PARK, CA 94025	VP SOFTWARE 40.00	229,167.	0.	0.
KURT KIESOW PO BOX 8669, SAN JOSE, CA 95155	VP 40.00	210,833.	0.	0.
WILLIAM STUTZ 2368 YESLER CT, SAN JOSE, CA 95131	CHIEF SCIENTIST 40.00	175,000.	0.	0.
DIANE E GOODWIN PO BOX 44340, KAMUELA, HI 96743	VP 40.00	136,979.	0.	0.
ROGER DELLOR - 953 RUSSELL AVENUE, LOS ALTOS, CA 94024	VP 40.00	133,583.	0.	0.

Total number of other employees paid over \$50,000 ▶ 0

**Part VIII** Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors *(continued)*

**3** Five highest-paid independent contractors for professional services. If none, enter "NONE."

(a) Name and address of each person paid more than \$50,000	(b) Type of service	(c) Compensation
WOLFGANG REISSNEGGER 5433 SILVER VISTA WAY, SAN JOSE, CA 95138	SOFTWARE CONSULTING	134,271.
RAVI MULAM P O BO 8669, SAN JOSE, CA 95155	SOFTWARE CONSULTING	120,000.
VICTOR RIELLY KRUCKENBERG 973 CASCADE DRIVE, SUNNYVALE, CA 94087	BUILDING CONTRACTOR	93,575.

Total number of others receiving over \$50,000 for professional services ▶ 0

**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 <u>SEE STATEMENT 11</u>	709,438.
2 <u>ASSEMBLY, MAINTENANCE, AND DEPLOYMENT OF AUTONOMOUS MARITIME VEHICLES IN NEAR-SHORE WATERS OF HAWAII ISLAND.</u>	485,703.
3 <u>THIS PROJECT SEEKS TO EXPLORE AND ATTEMPT TO CHARACTERIZE THE NATURE OF COMPLEX ELECTRICAL WAVE PATTERNS OBSERVABLE IN ALL PLANT LIFE.</u>	292,076.
4 <u>RESEARCH, ENGINEERING, DESIGN, AND DEVELOPMENT OF RADIO COMMUNICATIONS SENSORS AND SOFTWARE CAPABLE OF REMOTE OPERATION AND AUTONOMOUS INTERACTION.</u>	627,419.

**Part IX-B** Summary of Program-Related Investments

Describe the two largest program related investments made by the foundation during the tax year on lines 1 and 2.	Amount
1 <u>N/A</u>	
2	
All other program-related investments. See instructions.	
3	
<b>Total.</b> Add lines 1 through 3 <span style="float: right;">▶</span>	0.

**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	3,165,478.
b	Average of monthly cash balances	1b	475,210.
c	Fair market value of all other assets	1c	
d	Total (add lines 1a, b, and c)	1d	3,640,688.
e	Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation)	1e	0.
2	Acquisition indebtedness applicable to line 1 assets	2	0.
3	Subtract line 2 from line 1d	3	3,640,688.
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions)	4	54,610.
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4	5	3,586,078.
6	Minimum investment return. Enter 5% of line 5	6	179,304.

**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	
2a	Tax on investment income for 2017 from Part VI, line 5	2a	
b	Income tax for 2017. (This does not include the tax from Part VI.)	2b	
c	Add lines 2a and 2b	2c	
3	Distributable amount before adjustments. Subtract line 2c from line 1	3	
4	Recoveries of amounts treated as qualifying distributions	4	
5	Add lines 3 and 4	5	
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	

**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	2,696,828.
b	Program-related investments - total from Part IX-B	1b	0.
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 0; and Part XIII, line 4	4	2,696,828.
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	5	0.
6	Adjusted qualifying distributions. Subtract line 5 from line 4	6	2,696,828.

**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)

N/A

	(a) Corpus	(b) Years prior to 2016	(c) 2016	(d) 2017
1 Distributable amount for 2017 from Part XI, line 7				
2 Undistributed income, if any, as of the end of 2017				
a Enter amount for 2016 only				
b Total for prior years:				
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: ▶ \$				
a Applied to 2016, but not more than line 2a				
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				
e Remaining amount distributed out of corpus				
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				
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 instr.				
f Undistributed income for 2017 Subtract lines 4d and 5 from line 1. This amount must be distributed in 2018				
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				
9 Excess distributions carryover to 2018 Subtract lines 7 and 8 from line 6a				
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				

**Part XIV Private Operating Foundations** (see instructions and Part VII-A, question 9)

1 a If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2017, enter the date of the ruling ▶ 07/22/05  
 b Check box to indicate whether the foundation is a private operating foundation described in section  4942(j)(3) or  4942(j)(5)

	Tax year				(e) Total
	(a) 2017	(b) 2016	(c) 2015	(d) 2014	
2 a Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed	7,587.	24,389.	130,695.	126,615.	289,286.
b 85% of line 2a	6,449.	20,731.	111,091.	107,623.	245,893.
c Qualifying distributions from Part XII, line 4 for each year listed	2,696,828.	2,445,094.	2,507,095.	2,613,765.	10,262,782.
d Amounts included in line 2c not used directly for active conduct of exempt activities	0.	0.	0.	0.	0.
e Qualifying distributions made directly for active conduct of exempt activities. Subtract line 2d from line 2c	2,696,828.	2,445,094.	2,507,095.	2,613,765.	10,262,782.
3 Complete 3a, b, or c for the alternative test relied upon:					
a "Assets" alternative test - enter:					
(1) Value of all assets	1				1 x 0.
(2) Value of assets qualifying under section 4942(j)(3)(B)(i)					0.
b "Endowment" alternative test - enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed	119,536.	88,649.	87,130.	84,410.	379,725.
c "Support" alternative test - enter:					
(1) Total support other than gross investment income (interest, dividends, rents, payments on securities loans (section 512(a)(5)), or royalties)					0.
(2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii)					0.
(3) Largest amount of support from an exempt organization					0.
(4) Gross investment income					0.

**Part XV Supplementary Information (Complete this part only if the foundation had \$5,000 or more in assets at any time during the year-see instructions.)**

1 Information Regarding Foundation Managers:  
 a List any managers of the foundation who have contributed more than 2% of the total contributions received by the foundation before the close of any tax year (but only if they have contributed more than \$5,000). (See section 507(d)(2).)

JOSEPH D. RIZZI

b List any managers of the foundation who own 10% or more of the stock of a corporation (or an equally large portion of the ownership of a partnership or other entity) of which the foundation has a 10% or greater interest.

NONE

2 Information Regarding Contribution, Grant, Gift, Loan, Scholarship, etc., Programs:  
 Check here  if the foundation only makes contributions to preselected charitable organizations and does not accept unsolicited requests for funds. If the foundation makes gifts, grants, etc., to individuals or organizations under other conditions, complete items 2a, b, c, and d.

a The name, address, and telephone number or email address of the person to whom applications should be addressed:  
**BRUCE KAMOLNICK, 650-947-9920, BRUCE@JUPITERFOUNDATION.ORG**  
**350 2ND STREET, SUITE 6, LOS ALTOS, CA 94022**

b The form in which applications should be submitted and information and materials they should include:  
**ORGANIZATION IS AN OPERATING FDN AND DOES NOT ACCEPT UNSOLICITED REQUESTS.**

c Any submission deadlines:  
 NONE

d Any restrictions or limitations on awards, such as by geographical areas, charitable fields, kinds of institutions, or other factors.  
**SCIENTIFIC RESEARCH**

**Part XV** Supplementary Information *(continued)*

**3** Grants and Contributions Paid During the Year or Approved for Future Payment

Recipient Name and address (home or business)	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
a Paid during the year				
AMATEUR RADIO RELAY LEAGUE 225 MAIN STREET NEWINGTON, CT 06111	ASSOCIATION	NC	DEFENSE SPECTRUM CONTRIBUTION	500.
<b>Total</b>			▶ 3a	500.
b Approved for future payment				
NONE				
<b>Total</b>			▶ 3b	0.





FORM 990-PF INTEREST ON SAVINGS AND TEMPORARY CASH INVESTMENTS STATEMENT 1

SOURCE	(A) REVENUE PER BOOKS	(B) NET INVESTMENT INCOME	(C) ADJUSTED NET INCOME
MORGAN STANLEY 2577	7.	7.	7.
MORGAN STANLEY 4634	205.	205.	205.
TOTAL TO PART I, LINE 3	212.	212.	212.

FORM 990-PF DIVIDENDS AND INTEREST FROM SECURITIES STATEMENT 2

SOURCE	GROSS AMOUNT	CAPITAL GAINS DIVIDENDS	(A) REVENUE PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME
MORGAN STANLEY 2577	107,415.	7,024.	100,391.	100,391.	100,391.
MORGAN STANLEY 4634	330.	0.	330.	330.	330.
TO PART I, LINE 4	107,745.	7,024.	100,721.	100,721.	100,721.

FORM 990-PF LEGAL FEES STATEMENT 3

DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
ATTORNEY FEES	28,204.	0.	0.	28,204.
TO FM 990-PF, PG 1, LN 16A	28,204.	0.	0.	28,204.

FORM 990-PF	ACCOUNTING FEES			STATEMENT 4
DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
TAX CONSULTING FEES	2,340.	0.	0.	2,340.
TO FORM 990-PF, PG 1, LN 16B	2,340.	0.	0.	2,340.

FORM 990-PF	OTHER PROFESSIONAL FEES			STATEMENT 5
DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
SCIENTIFIC RESEARCH & DEVELOPMENT	259,321.	0.	0.	259,321.
TO FORM 990-PF, PG 1, LN 16C	259,321.	0.	0.	259,321.

FORM 990-PF	TAXES			STATEMENT 6
DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
PERSONAL PROPERTY TAXES	262.	0.	0.	262.
STATE TAXES	160.	0.	0.	160.
FEDERAL TAX	13,746.	0.	0.	13,746.
BUSINESS PROPERTY TAX	253.	0.	0.	253.
PAYROLL TAXES	112,978.	2,365.	0.	110,613.
LICENSES AND PERMITS	525.	0.	0.	525.
TO FORM 990-PF, PG 1, LN 18	127,924.	2,365.	0.	125,559.

FORM 990-PF	OTHER EXPENSES			STATEMENT	7
DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST- MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES	
PARTS AND SUPPLIES	21,288.	0.	0.	21,288.	
MARINE OPERATIONS	11,739.	0.	0.	11,739.	
INTERNET SERVICES	15,149.	0.	0.	15,149.	
LAB SUPPLIES AND EQUIPMENT	9,714.	0.	0.	9,714.	
SHIPPING	3,966.	0.	0.	3,966.	
TELEPHONE & TELECOMMUNICATIONS	6,792.	0.	0.	6,792.	
WEBSITE DEVELOPMENT AND HOSTING	2,141.	0.	0.	2,141.	
OFFICE EXPENSE	21,402.	0.	0.	21,402.	
BANK FEES	979.	0.	0.	979.	
INSURANCE	99,893.	0.	0.	99,893.	
SMALL TOOLS & EQUIPMENT	3,599.	0.	0.	3,599.	
UTILITIES	13,946.	0.	0.	13,946.	
SATCOM AND OPS CELL COM	25,434.	0.	0.	25,434.	
EQUIPMENT RENTAL	24,421.	0.	0.	24,421.	
PAYROLL EXPENSE	2,514.	53.	0.	2,461.	
AUTO EXPENSE	987.	0.	0.	987.	
CONFERENCES	2,440.	0.	0.	2,440.	
ADVISORY FEES	7,448.	0.	0.	7,448.	
PROFESSIONAL DEVELOPMENT	1,263.	0.	0.	1,263.	
<b>TO FORM 990-PF, PG 1, LN 23</b>	<b>275,115.</b>	<b>53.</b>	<b>0.</b>	<b>275,062.</b>	

FORM 990-PF	OTHER DECREASES IN NET ASSETS OR FUND BALANCES		STATEMENT	8
DESCRIPTION				AMOUNT
PRIOR YEAR RECLASS OF RENT EXPENSE TO PREPAID ASSET				4,598.
PRIOR YEAR WRITE OFF OF DEPRECIATED ASSETS				1,096,592.
AUDITED PRIOR EXPENSES ADJ				246,087.
AUDITED PRIOR ACCRUAL ADJ				5,406.
<b>TOTAL TO FORM 990-PF, PART III, LINE 5</b>				<b>1,352,683.</b>

FORM 990-PF CORPORATE STOCK STATEMENT 9

DESCRIPTION	BOOK VALUE	FAIR MARKET VALUE
	1,901,507.	1,965,509.
TOTAL TO FORM 990-PF, PART II, LINE 10B	1,901,507.	1,965,509.

FORM 990-PF OTHER ASSETS STATEMENT 10

DESCRIPTION	BEGINNING OF YR BOOK VALUE	END OF YEAR BOOK VALUE	FAIR MARKET VALUE
SOFTWARE	37,537.	28,180.	28,180.
FILM PROJECT	66,450.	0.	0.
WG MICROSCOPE IP	2,915.	2,915.	2,915.
TO FORM 990-PF, PART II, LINE 15	106,902.	31,095.	31,095.

FORM 990-PF SUMMARY OF DIRECT CHARITABLE ACTIVITIES STATEMENT 11

ACTIVITY ONE

RESEARCH, ENGINEERING, DESIGN, AND DEVELOPMENT OF SPECIALIZED AUTONOMOUS MARITIME VEHICLES AND SENSORS FOR OCEAN DEPLOYMENT TO TRANSMIT HUMPBACK WHALE SOUNDS, IN SITU PHOTOGRAPHY, AND OCEAN MICROSCOPY FOR TRANSMITTAL AND ANALYSIS.

EXPENSES

TO FORM 990-PF, PART IX-A, LINE 1

709,438.