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Form 990

Department of the Treasury
Internal Revenue Service

Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except black lung benefit trust or private foundation)

The organization may have to use a copy of this return to satisfy state reporting requirements

OMB No 1545-0047

2009

Open to Public Inspection

A For the 2009 calendar year, or tax year beginning 10-01-2009 and ending 09-30-2010

B Check if applicable

☐ Address change

☐ Name change

☐ Initial return

☐ Terminated

☐ Amended return

☐ Application pending

Please use IRS label or print or type. See Specific Instructions.

C Name of organization

CALIFORNIA ASSN FOR RESEARCH IN ASTRONOMY

Doing Business As

W M Keck Observatory

Number and street (or P O box if mail is not delivered to street address)

Room/suite

65-1120 Mamalahoa Hwy

City or town, state or country, and ZIP + 4

Kamuela, HI 96743

F Name and address of principal officer

George Blumenthal

65-1120 Mamalahoa Hwy

Kamuela, HI 96743

H(a) Is this a group return for affiliates?

☐ Yes ☒ No

H(b) Are all affiliates included?

☐ Yes ☐ No

If "No," attach a list (see instructions)

H(c) Group exemption number

D Employer identification number

95-3972799

E Telephone number

(808) 885-7887

G Gross receipts \$

19,394,048

I Tax-exempt status

☒ 501(c) (3) ☐ (insert no) ☐ 4947(a)(1) or ☐ 527

J Website:

www.keckobservatory.org

K Form of organization

☒ Corporation ☐ Trust ☐ Association ☐ Other

L Year of formation

1985

M State of legal domicile

CA

Part I Summary

Activities & Governance	1	Briefly describe the organization's mission or most significant activities To advance the frontiers of astronomy and share our discoveries with the world CARA was formed by The Regents of the University of California and California Institute of Technology to operate two 10-meter optical/infrared telescopes on the summit of Mauna Kea on the island of Hawai'i		
	2	Check this box ☐ if the organization discontinued its operations or disposed of more than 25% of its net assets		
	3	Number of voting members of the governing body (Part VI, line 1a)	3	6
	4	Number of independent voting members of the governing body (Part VI, line 1b)	4	6
	5	Total number of employees (Part V, line 2a)	5	139
	6	Total number of volunteers (estimate if necessary)	6	11
	7a	Total gross unrelated business revenue from Part VIII, column (C), line 12	7a	0
	b	Net unrelated business taxable income from Form 990-T, line 34	7b	0
Revenue	8	Contributions and grants (Part VIII, line 1h)	Prior Year	Current Year
	9	Program service revenue (Part VIII, line 2g)	15,613,456	14,322,438
	10	Investment income (Part VIII, column (A), lines 3, 4, and 7d)	5,489,853	4,742,847
	11	Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	351,273	324,677
	12	Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	0	0
	12	Total revenue—add lines 8 through 11 (must equal Part VIII, column (A), line 12)	21,454,582	19,389,962
Expenses	13	Grants and similar amounts paid (Part IX, column (A), lines 1–3)	0	174,051
	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)	10,418,911	9,994,546
	16a	Professional fundraising fees (Part IX, column (A), line 11e)	0	15,865
	b	Total fundraising expenses (Part IX, column (D), line 25) 445,581		
	17	Other expenses (Part IX, column (A), lines 11a–11d, 11f–24f)	8,301,625	8,359,451
	18	Total expenses Add lines 13–17 (must equal Part IX, column (A), line 25)	18,720,536	18,543,913
	19	Revenue less expenses Subtract line 18 from line 12	2,734,046	846,049
Net Assets or Fund Balances			Beginning of Current Year	End of Year
	20	Total assets (Part X, line 16)	101,212,994	103,509,418
	21	Total liabilities (Part X, line 26)	11,985,433	13,435,809
	22	Net assets or fund balances Subtract line 21 from line 20	89,227,561	90,073,609

Part II Signature Block

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 officer) is based on all information of which preparer has any knowledge

Signature of officer

2011-08-15

Date

Peter J Taylor Chief Financial Officer

Type or print name and title

Paid Preparer's Use Only

Preparer's signature

Date

Check if self-employed ☐

Preparer's identifying number (see instructions)

Firm's name (or yours if self-employed), address, and ZIP + 4

EIN

Phone no

May the IRS discuss this return with the preparer shown above? (see instructions)

☐ Yes ☐ No

For Privacy Act and Paperwork Reduction Act Notice, see the separate instructions.

Cat No 11282Y

Form 990 (2009)

Part III Statement of Program Service Accomplishments

1 Briefly describe the organization’s mission

To advance the frontiers of astronomy and share our discoveries with the world The two 10-meter telescopes of the Keck Observatory are the world’s largest optical and infrared telescopes With their suite of highly sensitive instrumentation, time on the Keck telescopes is one of the most sought after resources in astronomical and planetary science research CARA was formed by The Regents of the University of California, a state institution of higher education and California Institute of Technology, a Section 501(c)3 institution of higher education, to operate two 10-meter optical/infrared telescopes on the summit of Mauna Kea on the island of Hawai’i, one of the world’s premier sites for 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 exempt purpose achievements for each of the organization’s three largest program services by expenses Section 501(c)(3) and 501(c)(4) organizations and section 4947(a)(1) trusts 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 \$ 15,028,910 including grants of \$ 174,051) (Revenue \$ 4,742,847)
SCIENTIFIC RESEARCH AND EDUCATION The twin telescopes are dedicated to astronomical research 365 days/nights per year and feature a suite of advanced instrumentation including imagers, multi-object spectrographs, high-resolution spectrographs, and integral-field spectroscopy Keck Observatory has developed and operates a sophisticated natural and laser guide star adaptive optics system and also operates the only large-aperture infrared interferometer in the United States Observing time on the Keck telescopes is divided each year among its partner institutions the California Institute of Technology, University of California, and NASA as well as the University of Hawai’i The broader observing community has access to the telescopes through partnerships with the National Science Foundation and NASA Keck Observatory conducts leading edge research and instrumentation development as an awardee of competitive grants and contracts Keck Observatory has contributed to all areas of modern astronomy and astrophysics The Observatory’s legacy of exploration includes the discovery of exoplanets, the study of how planets, stars and galaxies form, the nature of black holes, and the chemical composition and evolution of the Universe	

4b	(Code) (Expenses \$ 118,360 including grants of \$ 0) (Revenue \$ 0)
PUBLIC INFORMATION AND EDUCATION OUTREACH Each year, Keck Observatory sponsors dozens of educational programs for Hawai’i Island families, educators, students, and international enthusiasts to foster a greater appreciation of science and its many contributions to society On a global level, the Observatory sponsors Keck Nation, a growing on-line community whose members are the first to receive science news and discoveries	

4c	(Code) (Expenses \$ 125,351 including grants of \$ 0) (Revenue \$ 125,351)
RESEARCH Keck Observatory’s activities include research and development in adaptive optics and instrumentation	

4d	Other program services (Describe in Schedule O)
(Expenses \$ 0 including grants of \$ 0) (Revenue \$ 0)	

4e	Total program service expenses \$ 15,272,621
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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)? If "Yes," complete Schedule A	Yes	
2	Is the organization required to complete Schedule B, Schedule of Contributors?	Yes	
3	Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If "Yes," complete Schedule C, Part I		No
4	Section 501(c)(3) organizations. Did the organization engage in lobbying activities? If "Yes," complete Schedule C, Part II		No
5	Section 501(c)(4), 501(c)(5), and 501(c)(6) organizations. Is the organization subject to the section 6033(e) notice and reporting requirement and proxy tax? If "Yes," complete Schedule C, Part III		
6	Did the organization maintain any donor advised funds or any similar funds or accounts where donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? If "Yes," complete Schedule D, Part I		No
7	Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas or historic structures? If "Yes," complete Schedule D, Part II		No
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? If "Yes," complete Schedule D, Part III		No
9	Did the organization report an amount in Part X, line 21, serve as a custodian for amounts not listed in Part X, or provide credit counseling, debt management, credit repair, or debt negotiation services? If "Yes," complete Schedule D, Part IV		No
10	Did the organization, directly or through a related organization, hold assets in term, permanent, or quasi-endowments? If "Yes," complete Schedule D, Part V		No
11	Is the organization's answer to any of the following questions "Yes"? If so, complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable.	Yes	
	• Did the organization report an amount for land, buildings, and equipment in Part X, line 10? If "Yes," complete Schedule D, Part VI.		
	• 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? If "Yes," complete Schedule D, Part VII.		
	• 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? If "Yes," complete Schedule D, Part VIII.		
	• 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? If "Yes," complete Schedule D, Part IX.		
	• Did the organization report an amount for other liabilities in Part X, line 25? If "Yes," complete Schedule D, Part X.		
	• 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? If "Yes," complete Schedule D, Part X.		
12	Did the organization obtain separate, independent audited financial statements for the tax year? If "Yes," complete Schedule D, Parts XI, XII, and XIII	Yes	
12A	Was the organization included in consolidated, independent audited financial statements for the tax year?	Yes	No
	If "Yes," completing Schedule D, Parts XI, XII, and XIII is optional		No
13	Is the organization a school described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E		No
14a	Did the organization maintain an office, employees, or agents outside of the United States?		No
14b	b Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, and program service activities outside the United States? If "Yes," complete Schedule F, Part I	Yes	
15	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or assistance to any organization or entity located outside the U S? If "Yes," complete Schedule F, Part II		No
16	Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or assistance to individuals located outside the U S? If "Yes," complete Schedule F, Part III		No
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? If "Yes," complete Schedule G, Part I	Yes	
18	Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? If "Yes," complete Schedule G, Part II		No
19	Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If "Yes," complete Schedule G, Part III		No
20	Did the organization operate one or more hospitals? If "Yes," complete Schedule H		No

Part IV

Checklist of Required Schedules (continued)

21	Did the organization report more than \$5,000 of grants and other assistance to governments and organizations in the United States on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i>	21	Yes	
22	Did the organization report more than \$5,000 of grants and other assistance to individuals in the United States on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III</i>	22		No
23	Did the organization answer "Yes" to Part VII, Section A, questions 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	Yes	
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 questions 24b-24d and complete Schedule K. If "No," go to line 25</i>	24a		No
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) and 501(c)(4) 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		No
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		No
26	Was a loan to or by a current or former officer, director, trustee, key employee, highly compensated employee, or disqualified person outstanding as of the end of the organization's tax year? <i>If "Yes," complete Schedule L, Part II</i>	26		No
27	Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor, or a grant selection committee member, or to a person related to such an individual? <i>If "Yes," complete Schedule L, Part III</i>	27		No
28	Was the organization a party to a business transaction with one of the following parties? (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions)			
a	A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	28a		No
b	A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	28b		No
c	An entity of which a current or former officer, director, trustee, or key employee of the organization (or a family member) was an officer, director, trustee, or owner? <i>If "Yes," complete Schedule L, Part IV</i>	28c		No
29	Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>	29		No
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		No
31	Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>	31		No
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		No
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		No
34	Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Parts II, III, IV, and V, line 1</i>	34		No
35	Is any related organization a controlled entity within the meaning of section 512(b)(13)? <i>If "Yes," complete Schedule R, Part V, line 2</i>	35		No
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		No
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		No
38	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11 and 19? Note. All Form 990 filers are required to complete Schedule O	38	Yes	

Part V

Statements Regarding Other IRS Filings and Tax Compliance

			Yes	No
1a	Enter the number reported in Box 3 of Form 1096, <i>Annual Summary and Transmittal of U.S. Information Returns</i> . Enter -0- if not applicable	1a30		
	b	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable		
c Did the organization comply with backup withholding rules for reportable payments to vendors and reportable gaming (gambling) winnings to prize winners?			1c	
2a	Enter the number of employees reported on Form W-3, <i>Transmittal of Wage and Tax Statements</i> filed for the calendar year ending with or within the year covered by this return	2a139	2b	Yes
	b If at least one is reported on line 2a, did the organization file all required federal employment tax returns? Note: If the sum of lines 1a and 2a is greater than 250, you may be required to e-file this return (see instructions)			
3a	Did the organization have unrelated business gross income of \$1,000 or more during the year covered by this return?	3a		No
b If "Yes," has it filed a Form 990-T for this year? If "No," provide an explanation in Schedule O			3b	
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)?	4a		No
	b If "Yes," enter the name of the foreign country: See the instructions for exceptions and filing requirements for Form TD F 90-22.1, Report of Foreign Bank and Financial Accounts			
5a	Was the organization a party to a prohibited tax shelter transaction at any time during the tax year?	5a		No
b Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction?			5b	No
c If "Yes" to line 5a or 5b, did the organization file Form 8886-T, Disclosure by Tax-Exempt Entity Regarding Prohibited Tax Shelter Transaction?			5c	
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?	6a		No
b If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?			6b	
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?			7a	No
b If "Yes," did the organization notify the donor of the value of the goods or services provided?			7b	
c Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it was required to file Form 8282?			7c	No
d If "Yes," indicate the number of Forms 8282 filed during the year			7d	
e Did the organization, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?			7e	No
f Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract?			7f	No
g For all contributions of qualified intellectual property, did the organization file Form 8899 as required?			7g	
h For contributions of cars, boats, airplanes, and other vehicles, did the organization file a Form 1098-C as required?			7h	
8 Sponsoring organizations maintaining donor advised funds and section 509(a)(3) supporting organizations. Did the supporting organization, or a donor advised fund maintained by a sponsoring organization, have excess business holdings at any time during the year?			8	
9 Sponsoring organizations maintaining donor advised funds.				
a Did the organization make any taxable distributions under section 4966?			9a	
b Did the organization make a distribution to a donor, donor advisor, or related person?			9b	
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	

Part VI

Governance, Management, and Disclosure

For each "Yes" response to lines 2 through 7b below, and for a "No" response to lines 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions.

Section A. Governing Body and Management

			Yes	No
1a	Enter the number of voting members of the governing body	1a	6	
b	Enter the number of voting members that are independent	1b	6	
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	Yes	
3	Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors or trustees, or key employees to a management company or other person?	3		No
4	Did the organization make any significant changes to its organizational documents since the prior Form 990 was filed?	4		No
5	Did the organization become aware during the year of a material diversion of the organization's assets?	5		No
6	Does the organization have members or stockholders?	6		No
7a	Does the organization have members, stockholders, or other persons who may elect one or more members of the governing body?	7a	Yes	
b	Are any decisions of the governing body subject to approval by members, stockholders, or other persons?	7b		No
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following			
a	The governing body?	8a	Yes	
b	Each committee with authority to act on behalf of the governing body?	8b	Yes	
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 in Schedule O	9		No

Section B. Policies

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

			Yes	No
10a	Does the organization have local chapters, branches, or affiliates?	10a		No
b	If "Yes," does the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with those of the organization?	10b		
11	Has the organization provided a copy of this Form 990 to all members of its governing body before filing the form?	11	Yes	
11A	Describe in Schedule O the process, if any, used by the organization to review the Form 990			
12a	Does the organization have a written conflict of interest policy? If "No," go to line 13	12a	Yes	
b	Are officers, directors or trustees, and key employees required to disclose annually interests that could give rise to conflicts?	12b	Yes	
c	Does the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this is done	12c		No
13	Does the organization have a written whistleblower policy?	13	Yes	
14	Does the organization have a written document retention and destruction policy?	14	Yes	
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		No
b	Other officers or key employees of the organization	15b		No
	If "Yes" to line a or b, describe the process in Schedule O (See instructions)			
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		No
b	If "Yes," has the organization adopted a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and taken 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 CA , HI
18	Section 6104 requires an organization to make its Form 1023 (or 1024 if applicable), 990, and 990-T (501(c) (3)s only) available for public inspection. Indicate how you make these available. Check all that apply. ☐ Own website ☐ Another's website ☒ Upon request
19	Describe in Schedule O whether (and if so, how), the organization makes its governing documents, conflict of interest policy, and financial statements available to the public. See Additional Data Table.
20	State the name, physical address, and telephone number of the person who possesses the books and records of the organization. California Association for Research in Astronomy 65-1120 Mamalahoa Hwy Kamuela, HI 96743 (808) 885-7887

Part VII

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

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 Use Schedule J-2 if additional space is needed

- List all of the organization’s **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation, and **current** key employees Enter -0- in columns (D), (E), and (F) if no compensation was paid
- List all of the organization’s **current** key employees See 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 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations
- List all of the organization’s **former** officers, key employees, or 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

List persons in the following order individual trustees or directors , institutional trustees , officers , key employees , highest compensated employees , and former such persons

☐ Check this box if the organization did not compensate any current or former officer, director, trustee or key employee

(A) Name and Title	(B) Average hours per week	(C) Position (check all that apply)						(D) Reportable compensation from the organization (W- 2/1099-MISC)	(E) Reportable compensation from related organizations (W- 2/1099- MISC)	(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			
Dr George Blumenthal Chairman	5	X		X				0	0	0
Dr Ed Stolper Vice-Chairman	5	X		X				0	0	0
Mr Peter J Taylor Chief Financial Officer	5	X		X				0	0	0
Dr Michael Bolte Board Member	5	X						0	0	0
Dr B Thomas Soifer Board Member	5	X						0	0	0
Dr Shrinivas Kulkarni Board Member	5	X						0	0	0
Ms Elaine Stamman Secretary	5			X				0	0	0
Dr Taft Ammandroff Observatory Director	40				X			245,881	0	46,903
Mr Hilton Lewis Observatory Deputy Director	40				X			203,827	0	41,698
Mr Richard Matsuda Operations and Infrastructure Mgr	40				X			173,251	0	37,724
Dr Peter Wizinowich Optics Eng Manager	40				X			167,831	0	37,871
Mr Kevin McCann Software Eng Mgr	40					X		156,746	0	36,013
Mr Kevin Tsubota Sr Software Eng	40					X		137,078	0	30,610
Mr Enc Johansson Control Systems Engineer	40					X		135,144	0	30,936
Mr Dennis McBride OID Principal Engineer	40					X		134,942	0	33,255
Ms Margarita Scheffel Observatory CFO	40					X		134,921	0	30,482

1b Total	1,489,621	0	325,492
-----------------	-----------	---	---------

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 in reportable compensation from the organization **27**

		Yes	No
3	Did the organization list any former officer, director or trustee, key employee, or highest compensated employee on line 1a? <i>If "Yes," complete Schedule J for such individual</i>		No
4	For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? <i>If "Yes," complete Schedule J for such individual</i>	Yes	
5	Did any person listed on line 1a receive or accrue compensation from any unrelated organization for services rendered to the organization? <i>If "Yes," complete Schedule J for such person</i>		No

Section B. Independent Contractors

1 Complete this table for your five highest compensated independent contractors that received more than \$100,000 of compensation from the organization

(A) Name and business address	(B) Description of services	(C) Compensation
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1111 FRANKLIN ST 11TH FLR OAKLAND, CA 946075200	CAPITAL EQUIPMENT FABRICATION, REPAIRS AND DEVELOPMENT	878,781
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E CALIFORNIA BLVD PASADENA, CA 91125	CAPITAL EQUIPMENT FABRICATION, REPAIRS AND DEVELOPMENT	1,443,689
MAUNA KEA OBSERVATORY SUPPORT 177 Makaala Street Hilo, HI 96720	MAUNA KEA SUMMIT FACILITY AND ROAD MAINTENANCE	378,485
MIT LINCOLN LABORATORY 244 WOOD STREETRM S-3-205 LEXINGTON, MA 02420	DETECTOR DEVELOPMENT	275,000
RC OPTICAL SYSTEMS INC 1650 SOUTH PLAZA WAY STE 101 FLAGSTAFF, AZ 86001	LASER CENTER LAUNCH FABRICATION	246,000

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 in compensation from the organization **8**

Part VIII

Statement of Revenue

				(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512, 513, or 514	
Contributions, gifts, grants and other similar amounts	1a	Federated campaigns . . .	1a	0				
	b	Membership dues	1b	0				
	c	Fundraising events	1c	0				
	d	Related organizations	1d	0				
	e	Government grants (contributions)	1e	13,917,599				
	f	All other contributions, gifts, grants, and similar amounts not included above	1f	404,839				
	g	Noncash contributions included in lines 1a-1f \$ 4,163						
	h	Total. Add lines 1a-1f						14,322,438
Program Service Revenue	2a	VISITING SCIENTISTS LODGING	Business Code	900,099	148,928	0	0	148,928
	b	JET PROPULSION LAB FEDERAL SUBCONTRACT		900,099	1,509,764	1,509,764	0	0
	c	NASA OPERATIONS SUPPORT COOPERATIVE AGREEMENT		900,099	3,084,155	3,084,155	0	0
	d							
	e							
	f	All other program service revenue			0	0	0	0
	g	Total. Add lines 2a-2f			4,742,847			
	Other Revenue	3	Investment income (including dividends, interest and other similar amounts)		317,600	317,600	0	0
4		Income from investment of tax-exempt bond proceeds . .		0	0	0	0	
5		Royalties		0	0	0	0	
6a		(i) Real		(ii) Personal				
b		Less rental expenses						
c		Rental income or (loss)		0				
d		Net rental income or (loss)						
7a		(i) Securities		(ii) Other				
		4,163		7,000				
		4,086		0				
		77		7,000				
d		Net gain or (loss)		7,077	0	0	7,077	
8a		Gross income from fundraising events (not including \$ 0 of contributions reported on line 1c) See Part IV, line 18						
		a						
		b	Less direct expenses					
c		Net income or (loss) from fundraising events . .						
9a	Gross income from gaming activities See Part IV, line 19							
	a							
	b	Less direct expenses						
c	Net income or (loss) from gaming activities . .							
10a	Gross sales of inventory, less returns and allowances							
	a							
	b	Less cost of goods sold						
c	Net income or (loss) from sales of inventory . .							
Miscellaneous Revenue		Business Code						
11a								
b								
c								
d	All other revenue							
e	Total. Add lines 11a-11d		0					
12	Total revenue. See Instructions		19,389,962	4,911,519	0	156,005		

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) but are not required to complete columns (B), (C), and (D).

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 governments and organizations in the U S See Part IV, line 21	174,051	174,051		
2	Grants and other assistance to individuals in the U S See Part IV, line 22	0	0		
3	Grants and other assistance to governments, organizations, and individuals outside the U S See Part IV, lines 15 and 16	0	0		
4	Benefits paid to or for members	0	0		
5	Compensation of current officers, directors, trustees, and key employees	954,987	501,289	391,890	61,808
6	Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)	0	0	0	0
7	Other salaries and wages	7,010,846	4,978,326	1,833,150	199,370
8	Pension plan contributions (include section 401(k) and section 403(b) employer contributions)	710,897	445,973	243,965	20,959
9	Other employee benefits	642,386	411,141	212,950	18,295
10	Payroll taxes	675,430	436,192	220,311	18,927
11	Fees for services (non-employees)				
a	Management	0	0	0	0
b	Legal	8,864	0	8,864	0
c	Accounting	93,196	0	93,196	0
d	Lobbying	0	0	0	0
e	Professional fundraising See Part IV, line 17	15,865			15,865
f	Investment management fees	0	0	0	0
g	Other	271,960	187,330	69,754	14,876
12	Advertising and promotion	10,140	0	0	10,140
13	Office expenses	430,622	238,377	155,293	36,952
14	Information technology	453,671	75,342	375,355	2,974
15	Royalties	0	0	0	0
16	Occupancy	1,518,899	1,109,653	409,246	0
17	Travel	384,663	167,292	196,584	20,787
18	Payments of travel or entertainment expenses for any federal, state, or local public officials	0	0	0	0
19	Conferences, conventions, and meetings	160,845	2,723	136,963	21,159
20	Interest	0	0	0	0
21	Payments to affiliates	0	0	0	0
22	Depreciation, depletion, and amortization	5,217,340	5,065,871	148,276	3,193
23	Insurance	38,444	0	38,444	
24	Other expenses Itemize expenses not covered above (Expenses grouped together and labeled miscellaneous may not exceed 5% of total expenses shown on line 25 below)				
a	EQUIPMENT	353,053	305,025	47,752	276
b	EQUIPMENT RENTAL AND MAINTENANCE	277,910	255,320	22,590	0
c	INDIRECT COSTS AND RECOVERY	-860,156	918,716	-1,778,872	0
d					
e					
f	All other expenses				
25	Total functional expenses. Add lines 1 through 24f	18,543,913	15,272,621	2,825,711	445,581
26	Joint costs. Check here ☐ if following SOP 98-2 Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation				

Part X

Balance Sheet

					(A)		(B)
					Beginning of year		End of year
Assets	1	Cash—non-interest-bearing			4,487	1	9,647
	2	Savings and temporary cash investments			12,560,603	2	13,512,675
	3	Pledges and grants receivable, net			584,722	3	399,122
	4	Accounts receivable, net			47,192	4	22,650
	5	Receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L			0	5	0
	6	Receivables from other disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B). Complete Part II of Schedule L			0	6	0
	7	Notes and loans receivable, net			0	7	0
	8	Inventories for sale or use			0	8	0
	9	Prepaid expenses and deferred charges			68,327	9	51,040
	10a	Land, buildings, and equipment, cost or other basis. Complete Part VI of Schedule D	10a	135,840,887			
	b	Less accumulated depreciation	10b	46,326,603	87,947,663	10c	89,514,284
	11	Investments—publicly traded securities			0	11	0
	12	Investments—other securities. See Part IV, line 11				12	0
	13	Investments—program-related. See Part IV, line 11				13	
	14	Intangible assets			0	14	0
	15	Other assets. See Part IV, line 11				15	
	16	Total assets. Add lines 1 through 15 (must equal line 34)			101,212,994	16	103,509,418
Liabilities	17	Accounts payable and accrued expenses			2,527,149	17	2,266,595
	18	Grants payable			750,097	18	891,364
	19	Deferred revenue			8,708,187	19	10,277,850
	20	Tax-exempt bond liabilities			0	20	0
	21	Escrow or custodial account liability. Complete Part IV of Schedule D			0	21	0
	22	Payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L			0	22	0
	23	Secured mortgages and notes payable to unrelated third parties			0	23	0
	24	Unsecured notes and loans payable to unrelated third parties			0	24	0
	25	Other liabilities. Complete Part X of Schedule D			0	25	
	26	Total liabilities. Add lines 17 through 25			11,985,433	26	13,435,809
Net Assets or Fund Balances	Organizations that follow SFAS 117, check here ☒ and complete lines 27 through 29, and lines 33 and 34.						
	27	Unrestricted net assets			88,033,140	27	89,698,733
	28	Temporarily restricted net assets			1,194,421	28	374,876
	29	Permanently restricted net assets			0	29	0
	Organizations that do not follow SFAS 117, check here ☐ and complete lines 30 through 34.						
	30	Capital stock or trust principal, or current funds				30	
	31	Paid-in or capital surplus, or land, building or equipment fund				31	
	32	Retained earnings, endowment, accumulated income, or other funds				32	
	33	Total net assets or fund balances			89,227,561	33	90,073,609
	34	Total liabilities and net assets/fund balances			101,212,994	34	103,509,418

Part XI Financial Statements and Reporting

	Yes	No
1 Accounting method used to prepare the Form 990 ☐ Cash ☒ Accrual ☐ Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O		
2a Were the organization's financial statements compiled or reviewed by an independent accountant? . . .		No
b Were the organization's financial statements audited by an independent accountant?	Yes	
c If "Yes," to 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 in Schedule O	Yes	
d If "Yes" to line 2a or 2b, check a box below to indicate whether the financial statements for the year were issued on a consolidated basis, separate basis, or both ☒ Separate basis ☐ Consolidated basis ☐ Both consolidated and separated basis		
3a As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?	Yes	
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 in Schedule O and describe any steps taken to undergo such audits . . .	Yes	

SCHEDULE A
(Form 990 or 990EZ)

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.

▶ Attach to Form 990 or Form 990-EZ. ▶ See separate instructions.

OMB No 1545-0047

2009

Open to Public Inspection

Name of the organization
CALIFORNIA ASSN FOR RESEARCH IN ASTRONOMY

Employer identification number
95-3972799

Part I Reason for Public Charity Status (All organizations must complete this part.) See instructions

The organization is not a private foundation because it is (For lines 1 through 11, check only one box)

1

☐

A church, convention of churches, or association of churches **section 170(b)(1)(A)(i).**

2

☐

A school described in **section 170(b)(1)(A)(ii).** (Attach Schedule E)

3

☐

A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**

4

☐

A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state

5

☐

An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv).** (Complete Part II)

6

☐

A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v).**

7

☒

An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi)** (Complete Part II)

8

☐

A community trust described in **section 170(b)(1)(A)(vi)** (Complete Part II)

9

☐

An organization that normally receives (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions—subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975 See **section 509(a)(2).** (Complete Part III)

10

☐

An organization organized and operated exclusively to test for public safety See**section 509(a)(4).**

11

☐

An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2) See **section 509(a)(3).** Check the box that describes the type of supporting organization and complete lines 11e through 11h

a

☐

Type I

b

☐

Type II

c

☐

Type III - Functionally integrated

d

☐

Type III - Other

e

☐

By checking this box, I certify that the organization is not controlled directly or indirectly by one or more disqualified persons other than foundation managers and other than one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2)

f

☐

If the organization received a written determination from the IRS that it is a Type I, Type II or Type III supporting organization, check this box

g

☐

Since August 17, 2006, has the organization accepted any gift or contribution from any of the following persons?

(i)

a person who directly or indirectly controls, either alone or together with persons described in (ii) and (iii) below, the governing body of the the supported organization?

(ii)

a family member of a person described in (i) above?

(iii)

a 35% controlled entity of a person described in (i) or (ii) above?

h

☐

Provide the following information about the supported organization(s)

	Yes	No
11g(i)		
11g(ii)		
11g(iii)		

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1- 9 above or IRC section (see instructions))	(iv) Is the organization in col (i) listed in your governing document?		(v) Did you notify the organization in col (i) of your support?		(vi) Is the organization in col (i) organized in the U S ?		(vii) Amount of support?
			Yes	No	Yes	No	Yes	No	
Total									

Part II

Support Schedule for Organizations Described in IRC 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.)

Section A. Public Support

Calendar year (or fiscal year beginning in)	(a) 2005	(b) 2006	(c) 2007	(d) 2008	(e) 2009	(f) Total
1 Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")	14,941,440	13,185,477	13,299,876	15,775,071	14,112,296	71,314,160
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf	0	0	0	0	0	0
3 The value of services or facilities furnished by a governmental unit to the organization without charge	0	0	0	0	0	0
4 Total. Add lines 1 through 3	14,941,440	13,185,477	13,299,876	15,775,071	14,112,296	71,314,160
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)						0
6 Public Support. Subtract line 5 from line 4						71,314,160

Section B. Total Support

Calendar year (or fiscal year beginning in)	(a) 2005	(b) 2006	(c) 2007	(d) 2008	(e) 2009	(f) Total
7 Amounts from line 4	14,941,440	612,538	13,299,876	15,775,071	14,112,296	71,314,160
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	540,752	612,538	509,707	333,422	317,600	2,314,019
9 Net income from unrelated business activities, whether or not the business is regularly carried on	0	0	0	0	0	0
10 Other income (Explain in Part IV) Do not include gain or loss from the sale of capital assets	153,617	167,745	152,875	172,928	148,928	796,093
11 Total support (Add lines 7 through 10)						74,424,272

12

Gross receipts from related activities, etc (See instructions)

12

4,143,919

13

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

Section C. Computation of Public Support Percentage

14	Public Support Percentage for 2009 (line 6 column (f) divided by line 11 column (f))	14	95 821 %
15	Public Support Percentage for 2008 Schedule A, Part II, line 14	15	95 153 %

- 16a 33 1/3% support test—2009. 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
- b 33 1/3% support test—2008. If the organization did not check the 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
- 17a 10%-facts-and-circumstances test—2009. 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 IV how the organization meets the "facts and circumstances" test The organization qualifies as a publicly supported organization
- b 10%-facts-and-circumstances test—2008. 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 IV how the organization meets the "facts and circumstances" test The organization qualifies as a publicly supported organization
- 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

Part IIISupport Schedule for Organizations Described in IRC 509(a)(2)
(Complete only if you checked the box on line 9 of Part I.)

Section A. Public Support

Calendar year (or fiscal year beginning in)	(a) 2005	(b) 2006	(c) 2007	(d) 2008	(e) 2009	(f) Total
1Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")						
2Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose						
3Gross receipts from activities that are not an unrelated trade or business under section 513						
4Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
5The value of services or facilities furnished by a governmental unit to the organization without charge						
6Total. Add lines 1 through 5						
7aAmounts included on lines 1, 2, and 3 received from disqualified persons						
bAmounts 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						
cAdd lines 7a and 7b						
8Public Support (Subtract line 7c from line 6)						

Section B. Total Support

Calendar year (or fiscal year beginning in)	(a) 2005	(b) 2006	(c) 2007	(d) 2008	(e) 2009	(f) Total
9Amounts from line 6						
10aGross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
bUnrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
cAdd lines 10a and 10b						
11Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
12Other income. Do not include gain or loss from the sale of capital assets (Explain in Part IV.)						
13Total support (Add lines 9, 10c, 11 and 12.)						

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

☐

Section C. Computation of Public Support Percentage

15Public Support Percentage for 2009 (line 8 column (f) divided by line 13 column (f))	15	
16Public support percentage from 2008 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage

17Investment income percentage for 2009 (line 10c column (f) divided by line 13 column (f))	17	
18Investment income percentage from 2008 Schedule A, Part III, line 17	18	

19a**33 1/3% support tests—2009.** 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—2008.** 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

Supplemental Information. Supplemental Information. Complete this part to provide the explanation required by Part II, line 10; Part II, line 17a or 17b; or Part III, line 12. Provide any other additional information. See instructions

Explanation
VISITING SCIENTISTS' QUARTERS

SCHEDULE D

(Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Financial Statements

▶ **Complete if the organization answered "Yes," to Form 990, Part IV, line 6, 7, 8, 9, 10, 11, or 12.**
▶ **Attach to Form 990. ▶ See separate instructions.**

OMB No 1545-0047

2009

Open to Public
Inspection

Name of the organization
CALIFORNIA ASSN FOR RESEARCH IN ASTRONOMY

Employer identification number
95-3972799

Part I

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

	(a) Donor advised funds	(b) Funds and other accounts
1	Total number at end of year	
2	Aggregate contributions to (during year)	
3	Aggregate grants from (during year)	
4	Aggregate value at end of year	
5	Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control? ☐ Yes ☐ No	
6	Did the organization inform all grantees, donors, and donor advisors in writing that grant funds may be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit? ☐ Yes ☐ No	

Part II

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

1

Purpose(s) of conservation easements held by the organization (check all that apply)

☐ Preservation of land for public use (e g , recreation or pleasure)☐ Preservation of an historically importantly land area☐ Protection of natural habitat☐ Preservation of a certified historic structure☐ Preservation of open space

2

Complete lines 2a–2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year

	Held at the End of the Year
a	Total number of conservation easements
b	Total acreage restricted by conservation easements
c	Number of conservation easements on a certified historic structure included in (a)
d	Number of conservation easements included in (c) acquired after 8/17/06

3

Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the taxable year ▶_____

4

Number of states where property subject to conservation easement is located ▶_____

5

Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds?

☐ Yes ☐ No

6

Staff and volunteer hours devoted to monitoring, inspecting and enforcing conservation easements during the year ▶_____

7

Amount of expenses incurred in monitoring, inspecting, and enforcing conservation easements during the year ▶\$ _____

8

Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and 170(h)(4)(B)(ii)?

☐ Yes ☐ No

9

In Part XIV, describe how the organization reports conservation easements in its revenue and expense statement, and balance sheet, and include, if applicable, the text of the footnote to the organization’s financial statements that describes the organization’s accounting for conservation easements

Part III

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

1a

If the organization elected, as permitted under SFAS 116, not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education or research in furtherance of public service, provide, in Part XIV, the text of the footnote to its financial statements that describes these items

b

If the organization elected, as permitted under SFAS 116, to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items

(i) Revenues included in Form 990, Part VIII, line 1▶ \$ _____

(ii) Assets included in Form 990, Part X▶ \$ _____

2

If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under SFAS 116 relating to these items

a

Revenues included in Form 990, Part VIII, line 1▶ \$ _____

b

Assets included in Form 990, Part X▶ \$ _____

For Privacy Act and Paperwork Reduction Act Notice, see the Intructions for Form 990

Cat No 52283D

Schedule D (Form 990) 2009

Part III

Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets (continued)

3

Using the organization's accession and other records, check any of the following that are a significant use of its collection items (check all that apply)

a

☐ Public exhibition

b

☐ Scholarly research

c

☐ Preservation for future generations

d

☐ Loan or exchange programs

e

☐ Other

4

Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIV

5

During the year, did the organization solicit or receive donations of art, historical treasures or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection?

☐ Yes

☐ No

Part IV

Escrow and Custodial Arrangements. Complete if the organization answered "Yes" to Form 990, Part IV, line 9, or reported an amount on Form 990, Part X, line 21.

1a

Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X?

☐ Yes

☐ No

1b

If "Yes," explain the arrangement in Part XIV and complete the following table

c

Beginning balance

d

Additions during the year

e

Distributions during the year

f

Ending balance

	Amount
1c	
1d	
1e	
1f	

2a

Did the organization include an amount on Form 990, Part X, line 21?

☐ Yes

☐ No

2b

If "Yes," explain the arrangement in Part XIV

Part V

Endowment Funds. Complete if the organization answered "Yes" to Form 990, Part IV, line 10.

	(a)Current Year	(b)Prior Year	(c)Two Years Back	(d)Three Years Back	(e)Four Years Back
1a Beginning of year balance					
1b Contributions					
1c Investment earnings or losses					
1d Grants or scholarships					
1e Other expenditures for facilities and programs					
1f Administrative expenses					
1g End of year balance					

2

Provide the estimated percentage of the year end balance held as

a

Board designated or quasi-endowment ▶

b

Permanent endowment ▶

c

Term endowment ▶

3a

Are there endowment funds not in the possession of the organization that are held and administered for the organization by

(i) unrelated organizations

3a(i)

Yes

No

(ii) related organizations

3a(ii)

Yes

No

b

If "Yes" to 3a(ii), are the related organizations listed as required on Schedule R?

3b

Yes

No

4

Describe in Part XIV the intended uses of the organization's endowment funds

Part VI

Investments—Land, Buildings, and Equipment. See Form 990, Part X, line 10.

Description of investment	(a) Cost or other basis (investment)	(b)Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land	0	0		0
1b Buildings	0	0	0	0
1c Leasehold improvements	0	0	0	0
1d Equipment	0	135,840,887	46,326,603	89,514,284
1e Other	0	0	0	0
Total. Add lines 1a-1e (Column (d) should equal Form 990, Part X, column (B), line 10(c).)				89,514,284

Schedule D (Form 990) 2009

Part XI

Reconciliation of Change in Net Assets from Form 990 to Financial Statements

1	Total revenue (Form 990, Part VIII, column (A), line 12)	1	19,389,962
2	Total expenses (Form 990, Part IX, column (A), line 25)	2	18,543,913
3	Excess or (deficit) for the year Subtract line 2 from line 1	3	846,049
4	Net unrealized gains (losses) on investments	4	0
5	Donated services and use of facilities	5	0
6	Investment expenses	6	0
7	Prior period adjustments	7	0
8	Other (Describe in Part XIV)	8	0
9	Total adjustments (net) Add lines 4 - 8	9	0
10	Excess or (deficit) for the year per financial statements Combine lines 3 and 9	10	846,049

Part XII

Reconciliation of Revenue per Audited Financial Statements With Revenue per Return

1	Total revenue, gains, and other support per audited financial statements	1	20,202,431
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12		
a	Net unrealized gains on investments	2a	0
b	Donated services and use of facilities	2b	0
c	Recoveries of prior year grants	2c	0
d	Other (Describe in Part XIV)	2d	812,469
e	Add lines 2a through 2d	2e	812,469
3	Subtract line 2e from line 1	3	19,389,962
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	0
b	Other (Describe in Part XIV)	4b	0
c	Add lines 4a and 4b	4c	0
5	Total Revenue Add lines 3 and 4c. (This should equal Form 990, Part I, line 12)	5	19,389,962

Part XIII

Reconciliation of Expenses per Audited Financial Statements With Expenses per Return

1	Total expenses and losses per audited financial statements	1	18,536,837
2	Amounts included on line 1 but not on Form 990, Part IX, line 25		
a	Donated services and use of facilities	2a	0
b	Prior year adjustments	2b	0
c	Other losses	2c	0
d	Other (Describe in Part XIV)	2d	0
e	Add lines 2a through 2d	2e	0
3	Subtract line 2e from line 1	3	18,536,837
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	76
b	Other (Describe in Part XIV)	4b	7,000
c	Add lines 4a and 4b	4c	7,076
5	Total expenses Add lines 3 and 4c. (This should equal Form 990, Part I, line 18)	5	18,543,913

Part XIV

Supplemental Information

Complete this part to 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, Part XI, line 8, Part XII, lines 2d and 4b, and Part XIII, lines 2d and 4b. Also complete this part to provide any additional information.

Identifier	Return Reference	Explanation
SchD_P12_S00_L02d	Schedule D, Part XII, Line 2d	TEMPORARILY RESTRICTED CONTRIBUTIONS AND INTEREST EARNINGS, 326,898 SATISFACTION OF EQUIPMENT RESTRICTIONS 1,146,444
SchD_P13_S00_L04b	Schedule D, Part XIII, Line 4b	GAIN ON FLEET VEHICLE SALES 7,000

SCHEDULE F
(Form 990)

Department of the Treasury
Internal Revenue Service

Statement of Activities Outside the United States

▶ **Complete if the organization answered "Yes" to Form 990, Part IV, line 14b, 15, or 16.**
▶ **Attach to Form 990. ▶ See separate instructions.**

OMB No 1545-0047

2009

Open to Public Inspection

Name of the organization
CALIFORNIA ASSN FOR RESEARCH IN ASTRONOMY

Employer identification number

95-3972799

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

1 For grantmakers. Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☐ Yes ☐ No

2 For grant makers. Describe in Part IV the organization's procedures for monitoring the use of grant funds outside the United States

3 Activities per Region (Use Schedule F-1 (Form 990) if additional space is needed)

(a) Region	(b) Number of offices in the region	(c) Number of employees or agents in region	(d) Activities conducted in region (by type) (i.e., fundraising, program services, grants to recipients located in the region)	(e) If activity listed in (d) is a program service, describe specific type of service(s) in region	(f) Total expenditures for region
East Asia and the Pacific	0	0	Program Services	Scientific Research	4,064
Europe (including Iceland and Greenland)	0	0	Program Services	Instrument Development	356,669
Europe (including Iceland and Greenland)	0	0	Program Services	Scientific Research	5,188
Totals ►	0	0			365,921

Part II

Grants and Other Assistance to Organizations or Entities Outside the United States. Complete if the organization answered "Yes" to Form 990, Part IV, line 15, for any recipient who received more than \$5,000. Check this box if no one recipient received more than \$5,000 ☐

Use Schedule F-1 (Form 990) if additional space is needed.

1	(a) Name of organization	(b) IRS code section and EIN (if applicable)	(c) Region	(d) Purpose of grant	(e) Amount of cash grant	(f) Manner of cash disbursement	(g) Amount of non-cash assistance	(h) Description of non-cash assistance	(i) Method of valuation (book, FMV, appraisal, other)

- 2 Enter total number of recipient organizations listed above that are recognized as charities by the foreign country, recognized as tax-exempt by the IRS, or for which the grantee or counsel has provided a section 501(c)(3) equivalency letter
- 3 Enter total number of other organizations or entities

Part III **Grants and Other Assistance to Individuals Outside the United States.** Complete if the organization answered "Yes" to Form 990, Part IV, line 16. Use Schedule F-1 (Form 990) if additional space is needed.

[illegible]

Complete this part to provide the information required in Part I, line 2, and any additional information.

[illegible]

SCHEDULE G
(Form 990 or 990-EZ)

Supplemental Information Regarding
Fundraising or Gaming Activities

Complete if the organization answered "Yes" to Form 990, Part IV, lines 17, 18, or 19,
or if the organization entered more than \$15,000 on Form 990-EZ, line 6a.
▶ Attach to Form 990 or Form 990-EZ. ▶ See separate instructions.

OMB No. 1545-0047

2009

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

Name of the organization
CALIFORNIA ASSN FOR RESEARCH IN ASTRONOMY

Employer identification number
95-3972799

Part I

Fundraising Activities. Complete if the organization answered "Yes" to Form 990, Part IV, line 17.
Form 990-EZ filers are not required to complete this part.

- 1

Indicate whether the organization raised funds through any of the following activities. Check all that apply.

a

☒

Mail solicitations

b

☒

Internet and e-mail solicitations

c

☒

Phone solicitations

d

☒

In-person solicitations

e

☒

Solicitation of non-government grants

f

☒

Solicitation of government grants

g

☐

Special fundraising events
- 2a

Did the organization have a written or oral agreement with any individual (including officers, directors, trustees or key employees listed in Form 990, Part VII) or entity in connection with professional fundraising activities?

☒ Yes ☐ No
- b

If "Yes," list the ten highest paid individuals or entities (fundraisers) pursuant to agreements under which the fundraiser is to be compensated at least \$5,000 by the organization. Form 990-EZ filers are not required to complete this table.

(i) Name of individual or entity (fundraiser)	(ii) Activity	(iii) Did fundraiser have custody or control of contributions?		(iv) Gross receipts from activity	(v) Amount paid to (or retained by) fundraiser listed in col (i)	(vi) Amount paid to (or retained by) organization
		Yes	No			
Zimmerman Lehman	Training of development staff and consulting		No	0	15,865	-15,865
Total ▶				0	15,865	-15,865

3

List all states in which the organization is registered or licensed to solicit funds or has been notified it is exempt from registration or licensing.

Part II Fundraising Events.

Complete if the organization answered "Yes" to Form 990, Part IV, line 18, or reported more than \$15,000 on Form 990-EZ, line 6a. List events with gross receipts greater than \$5,000.

		(a) Event #1	(b) Event #2	(c) Other Events	(d) Total Events
		(event type)	(event type)	(total number)	(Add col (a) through col (c))
Revenue	1	Gross receipts			
	2	Less Charitable contributions			
	3	Gross income (line 1 minus line 2)			
Direct Expenses	4	Cash prizes			
	5	Non-cash prizes			
	6	Rent/facility costs			
	7	Food and beverages			
	8	Entertainment			
	9	Other direct expenses			
	10	Direct expense summary Add lines 4 through 9 in column (d) ▶			
	11	Net income summary Combine lines 3, column d, and line 10. ▶			

Part III Gaming.

Complete if the organization answered "Yes" to Form 990, Part IV, line 19, or reported more than \$15,000 on Form 990-EZ, line 6a.

		(a) Bingo	(b) Pull tabs/Instant bingo/progressive bingo	(c) Other gaming	(d) Total gaming
					(Add col (a) through col (c))
Revenue	1	Gross revenue			
	2	Cash prizes			
Direct Expenses	3	Non-cash prizes			
	4	Rent/facility costs			
	5	Other direct expenses			
	6	Volunteer labor	☐ Yes _____ % ☐ No	☐ Yes _____ % ☐ No	
7 Direct expense summary Add lines 2 through 5 in column (d) ▶					
8 Net gaming income summary Combine lines 1, column d, and line 7 ▶					

		Yes	No
9	Enter the state(s) in which the organization operates gaming activities _____		
a	Is the organization licensed to operate gaming activities in each of these states?	9a	
b	If "No," Explain _____ _____		
10a	Were any of the organization's gaming licenses revoked, suspended or terminated during the tax year?	10a	
b	If "Yes," Explain _____ _____		
11	Does the organization operate gaming activities with nonmembers?	11	
12	Is the organization a grantor, beneficiary or trustee of a trust or a member of a partnership or other entity formed to administer charitable gaming?	12	

		Yes	No
13	Indicate the percentage of gaming activity operated in		
a	The organization's facility 13a		
b	An outside facility 13b		
14	Enter the name and address of the person who prepares the organization's gaming/special events books and records		
Name ► _____			
Address ► _____			
15a	Does the organization have a contract with a third party from whom the organization receives gaming revenue?	15a	
b	If "Yes," enter the amount of gaming revenue received by the organization ► \$ _____ and the amount of gaming revenue retained by the third party ► \$ _____		
c	If "Yes," enter name and address		
Name ► _____			
Address ► _____			
16	Gaming manager information		
Name ► _____			
Gaming manager compensation ► \$ _____			
Description of services provided ► _____			
☐ Director/officer ☐ Employee ☐ Independent contractor			
17	Mandatory distributions		
a	Is the organization required under state law to make charitable distributions from the gaming proceeds to retain the state gaming license?	17a	
b	Enter the amount of distributions required under state law distributed to other exempt organizations or spent in the organization's own exempt activities during the tax year ► \$		

OMB No 1545-0047

Complete if the organization answered "Yes," to Form 990, Part IV, line 21 or 22.
▶ Attach to Form 990

Open to Public Inspection

Employer identification number
95-3972799

1 Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? ☒ Yes ☐ No

2 Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States

Part II **Grants and Other Assistance to Governments and Organizations in the United States.** Complete if the organization answered "Yes" to Form 990, Part IV, line 21 for any recipient that received more than \$5,000. Check this box if no one recipient received more than \$5,000. Use Part IV and Schedule I-1 (Form 990) if additional space is needed.

[illegible]

2	Enter total number of section 501(c)(3) and government organizations	1
3	Enter total number of other organizations	0

Schedule J (Form 990) Department of the Treasury Internal Revenue Service	Compensation Information For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees ▶ Complete if the organization answered "Yes" to Form 990, Part IV, question 23. ▶ Attach to Form 990. ▶ See separate instructions.	OMB No 1545-0047
		2009
		Open to Public Inspection

Name of the organization CALIFORNIA ASSN FOR RESEARCH IN ASTRONOMY	Employer identification number 95-3972799
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Part I

Questions Regarding Compensation

	Yes	No
1a Check the appropriate box(es) if the organization provided any of the following to or for a person listed in Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items. ☐ First-class or charter travel ☒ Housing allowance or residence for personal use ☐ Travel for companions ☐ Payments for business use of personal residence ☐ Tax idemnification and gross-up payments ☐ Health or social club dues or initiation fees ☐ Discretionary spending account ☐ Personal services (e g , maid, chauffeur, chef)		
b If any of the boxes in line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all the expenses described above? If "No," complete Part III to explain.	1b	No
2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all officers, directors, trustees, and the CEO/Executive Director, regarding the items checked in line 1a?	2	No
3 Indicate which, if any, of the following the organization uses to establish the compensation of the organization's CEO/Executive Director. Check all that apply. ☐ Compensation committee ☒ Written employment contract ☐ Independent compensation consultant ☒ Compensation survey or study ☐ Form 990 of other organizations ☒ Approval by the board or compensation committee		
4 During the year, did any person listed in Form 990, Part VII, Section A, line 1a with respect to the filing organization or a related organization: a Receive a severance payment or change-of-control payment? b Participate in, or receive payment from, a supplemental nonqualified retirement plan? c Participate in, or receive payment from, an equity-based compensation arrangement? If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.	4a	No
	4b	No
	4c	No
Only 501(c)(3) and 501(c)(4) organizations only must complete lines 5-9.		
5 For persons listed in form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of: a The organization? b Any related organization? If "Yes," to line 5a or 5b, describe in Part III.	5a	No
	5b	No
6 For persons listed in form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of: a The organization? b Any related organization? If "Yes," to line 6a or 6b, describe in Part III.	6a	No
	6b	No
7 For persons listed in Form 990, Part VII, Section A, line 1a, did the organization provide any non-fixed payments not described in lines 5 and 6? If "Yes," describe in Part III.	7	No
8 Were any amounts reported in Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regs. section 53.4958-4(a)(3)? If "Yes," describe in Part III.	8	No
9 If "Yes" to line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?	9	

Part II **Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees.** Use Schedule J-1 if additional space needed.

For each individual whose compensation must be reported in Schedule J, report compensation from the organization on row (i) and from related organizations, described in the instructions on row (ii) Do not list any individuals that are not listed on Form 990, Part VII

Note. The sum of columns (B)(i)-(iii) must equal the applicable column (D) or column (E) amounts on Form 990, Part VII, line 1a

(A) Name		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation reported in prior Form 990 or Form 990-EZ
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
Dr Taft Armandroff	(i)	216,769	0	29,113	24,588	11,309	281,779	0
	(ii)	0	0	0	0	0	0	0
Mr Hilton Lewis	(i)	202,306	0	1,521	20,383	11,125	235,335	0
	(ii)	0	0	0	0	0	0	0
Mr Richard Matsuda	(i)	146,951	1,000	25,300	17,325	10,901	201,477	0
	(ii)	0	0	0	0	0	0	0
Dr Peter Wizinowich	(i)	156,531	2,000	9,300	16,783	10,946	195,560	0
	(ii)	0	0	0	0	0	0	0
Mr Kevin McCann	(i)	147,634	0	9,113	15,675	10,888	183,310	0
	(ii)	0	0	0	0	0	0	0
Mr Kevin Tsubota	(i)	124,078	0	13,000	10,966	10,737	158,781	0
	(ii)	0	0	0	0	0	0	0
Mr Dennis McBride	(i)	132,942	2,000	0	18,892	4,581	158,415	0
	(ii)	0	0	0	0	0	0	0
Mr Eric Johansson	(i)	126,031	0	9,113	10,811	10,768	156,723	0
	(ii)	0	0	0	0	0	0	0
Ms Margarita Scheffel	(i)	132,921	2,000	0	13,492	7,472	155,885	0
	(ii)	0	0	0	0	0	0	0
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							

Part III

Supplemental Information

Complete this part to provide the information, explanation, or descriptions required for Part I, lines 1a, 1b, 4c, 5a, 5b, 6a, 6b, 7, and 8. Also complete this part for any additional information.

Identifier	Return Reference	Explanation
SchJ_P01_S00_L01a	Schedule J, Part I, Line 1a	Housing allowance granted to the Observatory Director
SchJ_P01_S00_L01b	Schedule J, Part I, Line 1b	No CARA written policy was available at the time it was specified in the employment contract. Rather, the University of California's housing policy was referenced by the CARA Board Chair and Vice-Chair for establishing the allowance.
SchJ_P01_S00_L03	Schedule J, Part I, Line 3	The CARA Board Executive Committee annually conducts an informal compensation survey of other relevant positions in determining and approving the Observatory Director's annual compensation.

SCHEDULE O

(Form 990)

Department of the Treasury
Internal Revenue Service

Supplemental Information to Form 990

Complete to provide information for responses to specific questions on
Form 990 or to provide any additional information.
▶ Attach to Form 990.

OMB No 1545-0047

2009

Open to Public
Inspection

Name of the organization CALIFORNIA ASSN FOR RESEARCH IN ASTRONOMY	Employer identification number 95-3972799
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Identifier	Return Reference	Explanation
F990_P01_S00_L19	Form 990, Part I, Line 19	Total revenue less expenses for CARA represents primarily the net change in fixed assets each year

Identifier	Return Reference	Explanation
F990_P06_S0A_L02	Form 990, Part VI, Section A, Line 2	George Blumenthal, Michael Bolte, Elaine Stammen and Peter Taylor have a business relationship through The Regents of the University of California Edward Stolper, Shrinivas Kulkarni and Thomas Soifer have a business relationship through California Institute of Technology

Identifier	Return Reference	Explanation
F990_P06_S0A_L07a	Form 990, Part VI, Section A, Line 7a	Both Presidents of the University of California and California Institute of Technology respectively have the right to each appoint 3 members of the CARA Board

Identifier	Return Reference	Explanation
F990_P06_S0B_L11	Form 990, Part VI, Section B, Line 11	WMKO internal staff prepare the Form 990 w hich is review ed and approved by management A draft of the Form 990 is provided to the Audit Committee for review and comment After any required changes are made, prior to filing, WMKO management distributes a final copy to the Board indicating w ho prepared and review ed the Form 990 and w ho will sign and file the Form

Identifier	Return Reference	Explanation
F990_P06_S0B_L13	Form 990, Part VI, Section B, Line 13	Haw aii state law requires posting of the Whistleblow er Protection Law Notice w hich outlines a standard w histleblow er process Haw aii labor law posters are posted for all employees to read w ithin the w orkplace

Identifier	Return Reference	Explanation
F990_P06_S0C_L19	Form 990, Part VI, Section C, Line 19	Governance documents and conflict of interest policy are made available upon request Financial statements in the form of an annual audit are published on our website

Identifier	Return Reference	Explanation
F990_P10_S00_L19	Form 990, Part X, Line 19	Advances from the Regents of the University of California and the Association of Universities for Research in Astronomy for operations and instrument fabrication respectively

TY 2009 Request for Copy Attachment

Name: CALIFORNIA ASSN FOR RESEARCH IN ASTRONOMY

EIN: 95-3972799

Software ID: 09000073

Software Version: v1.00

Copy Receiver Government Code: CAST, HIST

**Name of person making the
consent:** Peter J Taylor

**Title of person making the
consent:** Chief Financial Officer

PIN: 55555

Date: 2011-08-12