

**Application for Recognition of Exemption
 Under Section 501(c)(3) of the Internal Revenue Code**

Use the instructions to complete this application and for a definition of all **bold** items. For additional help, call IRS Exempt Organizations Customer Account Services toll-free at 1-877-829-5500. Visit our website at www.irs.gov for forms and publications. If the required information and documents are not submitted with payment of the appropriate user fee, the application may be returned to you.

Attach additional sheets to this application if you need more space to answer fully. Put your name and EIN on each sheet and identify each answer by Part and line number. Complete Parts I - XI of Form 1023 and submit only those Schedules (A through H) that apply to you.

Part I Identification of Applicant

1 Full name of organization (exactly as it appears in your organizing document)		2 c/o Name (if applicable)	
3 Mailing address (Number and street) (see instructions)	Room/Suite	4 Employer Identification Number (EIN)	
City or town, state or country, and ZIP + 4		5 Month the annual accounting period ends (01 - 12)	
6 Primary contact (officer, director, trustee, or authorized representative) a Name:		b Phone:	
		c Fax: (optional)	
7 Are you represented by an authorized representative, such as an attorney or accountant? If "Yes," provide the authorized representative's name, and the name and address of the authorized representative's firm. Include a completed Form 2848, <i>Power of Attorney and Declaration of Representative</i> , with your application if you would like us to communicate with your representative.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
8 Was a person who is not one of your officers, directors, trustees, employees, or an authorized representative listed in line 7, paid, or promised payment, to help plan, manage, or advise you about the structure or activities of your organization, or about your financial or tax matters? If "Yes," provide the person's name, the name and address of the person's firm, the amounts paid or promised to be paid, and describe that person's role.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
9a Organization's website:			
b Organization's email: (optional)			
10 Certain organizations are not required to file an information return (Form 990 or Form 990-EZ). If you are granted tax-exemption, are you claiming to be excused from filing Form 990 or Form 990-EZ? If "Yes," explain. See the instructions for a description of organizations not required to file Form 990 or Form 990-EZ.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
11 Date incorporated if a corporation, or formed, if other than a corporation. (MM/DD/YYYY) / /			
12 Were you formed under the laws of a foreign country ? If "Yes," state the country.		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Part II Organizational Structure

You must be a corporation (including a limited liability company), an unincorporated association, or a trust to be tax exempt. (See instructions.) **DO NOT file this form unless you can check "Yes" on lines 1, 2, 3, or 4.**

- 1 Are you a **corporation**? If "Yes," attach a copy of your articles of incorporation showing **certification of filing** with the appropriate state agency. Include copies of any amendments to your articles and be sure they also show state filing certification. **Yes** **No**

- 2 Are you a **limited liability company (LLC)**? If "Yes," attach a copy of your articles of organization showing certification of filing with the appropriate state agency. Also, if you adopted an operating agreement, attach a copy. Include copies of any amendments to your articles and be sure they show state filing certification. Refer to the instructions for circumstances when an LLC should not file its own exemption application. **Yes** **No**

- 3 Are you an **unincorporated association**? If "Yes," attach a copy of your articles of association, constitution, or other similar organizing document that is dated and includes at least two signatures. Include signed and dated copies of any amendments. **Yes** **No**

- 4a Are you a **trust**? If "Yes," attach a signed and dated copy of your trust agreement. Include signed and dated copies of any amendments. **Yes** **No**
- b Have you been funded? If "No," explain how you are formed without anything of value placed in trust. **Yes** **No**

- 5 Have you adopted **bylaws**? If "Yes," attach a current copy showing date of adoption. If "No," explain how your officers, directors, or trustees are selected. **Yes** **No**

Part III Required Provisions in Your Organizing Document

The following questions are designed to ensure that when you file this application, your organizing document contains the required provisions to meet the organizational test under section 501(c)(3). Unless you can check the boxes in both lines 1 and 2, your organizing document does not meet the organizational test. **DO NOT file this application until you have amended your organizing document.** Submit your original and amended organizing documents (showing state filing certification if you are a corporation or an LLC) with your application.

- 1 Section 501(c)(3) requires that your organizing document state your exempt purpose(s), such as charitable, religious, educational, and/or scientific purposes. Check the box to confirm that your organizing document meets this requirement. Describe specifically where your organizing document meets this requirement, such as a reference to a particular article or section in your organizing document. Refer to the instructions for exempt purpose language. Location of Purpose Clause (Page, Article, and Paragraph): _____

- 2a Section 501(c)(3) requires that upon dissolution of your organization, your remaining assets must be used exclusively for exempt purposes, such as charitable, religious, educational, and/or scientific purposes. Check the box on line 2a to confirm that your organizing document meets this requirement by express provision for the distribution of assets upon dissolution. If you rely on state law for your dissolution provision, do not check the box on line 2a and go to line 2c.
- 2b If you checked the box on line 2a, specify the location of your dissolution clause (Page, Article, and Paragraph). Do not complete line 2c if you checked box 2a. _____
- 2c See the instructions for information about the operation of state law in your particular state. Check this box if you rely on operation of state law for your dissolution provision and indicate the state: _____

Part IV Narrative Description of Your Activities

Using an attachment, describe your *past*, *present*, and *planned* activities in a narrative. If you believe that you have already provided some of this information in response to other parts of this application, you may summarize that information here and refer to the specific parts of the application for supporting details. You may also attach representative copies of newsletters, brochures, or similar documents for supporting details to this narrative. Remember that if this application is approved, it will be open for public inspection. Therefore, your narrative description of activities should be thorough and accurate. Refer to the instructions for information that must be included in your description.

Part V Compensation and Other Financial Arrangements With Your Officers, Directors, Trustees, Employees, and Independent Contractors

- 1a List the names, titles, and mailing addresses of all of your officers, directors, and trustees. For each person listed, state their total annual **compensation**, or proposed compensation, for all services to the organization, whether as an officer, employee, or other position. Use actual figures, if available. Enter "none" if no compensation is or will be paid. If additional space is needed, attach a separate sheet. Refer to the instructions for information on what to include as compensation.

Name	Title	Mailing address	Compensation amount (annual actual or estimated)

Part V Compensation and Other Financial Arrangements With Your Officers, Directors, Trustees, Employees, and Independent Contractors (Continued)

b List the names, titles, and mailing addresses of each of your five highest compensated employees who receive or will receive compensation of more than \$50,000 per year. Use the actual figure, if available. Refer to the instructions for information on what to include as compensation. Do not include officers, directors, or trustees listed in line 1a.

Name	Title	Mailing address	Compensation amount (annual actual or estimated)

c List the names, names of businesses, and mailing addresses of your five highest compensated **independent contractors** that receive or will receive compensation of more than \$50,000 per year. Use the actual figure, if available. Refer to the instructions for information on what to include as compensation.

Name	Title	Mailing address	Compensation amount (annual actual or estimated)

The following "Yes" or "No" questions relate to *past, present, or planned* relationships, transactions, or agreements with your officers, directors, trustees, highest compensated employees, and highest compensated independent contractors listed in lines 1a, 1b, and 1c.

2a Are any of your officers, directors, or trustees **related** to each other through **family or business relationships**? If "Yes," identify the individuals and explain the relationship. **Yes** **No**

b Do you have a business relationship with any of your officers, directors, or trustees other than through their position as an officer, director, or trustee? If "Yes," identify the individuals and describe the business relationship with each of your officers, directors, or trustees. **Yes** **No**

c Are any of your officers, directors, or trustees related to your highest compensated employees or highest compensated independent contractors listed on lines 1b or 1c through family or business relationships? If "Yes," identify the individuals and explain the relationship. **Yes** **No**

3a For each of your officers, directors, trustees, highest compensated employees, and highest compensated independent contractors listed on lines 1a, 1b, or 1c, attach a list showing their name, qualifications, average hours worked, and duties.

b Do any of your officers, directors, trustees, highest compensated employees, and highest compensated independent contractors listed on lines 1a, 1b, or 1c receive compensation from any other organizations, whether tax exempt or taxable, that are related to you through **common control**? If "Yes," identify the individuals, explain the relationship between you and the other organization, and describe the compensation arrangement. **Yes** **No**

4 In establishing the compensation for your officers, directors, trustees, highest compensated employees, and highest compensated independent contractors listed on lines 1a, 1b, and 1c, the following practices are recommended, although they are not required to obtain exemption. Answer "Yes" to all the practices you use.

a Do you or will the individuals that approve compensation arrangements follow a conflict of interest policy? **Yes** **No**

b Do you or will you approve compensation arrangements in advance of paying compensation? **Yes** **No**

c Do you or will you document in writing the date and terms of approved compensation arrangements? **Yes** **No**

Part V Compensation and Other Financial Arrangements With Your Officers, Directors, Trustees, Employees, and Independent Contractors (Continued)

- d** Do you or will you record in writing the decision made by each individual who decided or voted on compensation arrangements? Yes No
- e** Do you or will you approve compensation arrangements based on information about compensation paid by **similarly situated** taxable or tax-exempt organizations for similar services, current compensation surveys compiled by independent firms, or actual written offers from similarly situated organizations? Refer to the instructions for Part V, lines 1a, 1b, and 1c, for information on what to include as compensation. Yes No
- f** Do you or will you record in writing both the information on which you relied to base your decision and its source? Yes No
- g** If you answered "No" to any item on lines 4a through 4f, describe how you set compensation that is **reasonable** for your officers, directors, trustees, highest compensated employees, and highest compensated independent contractors listed in Part V, lines 1a, 1b, and 1c.
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- 5a** Have you adopted a **conflict of interest policy** consistent with the sample conflict of interest policy in Appendix A to the instructions? If "Yes," provide a copy of the policy and explain how the policy has been adopted, such as by resolution of your governing board. If "No," answer lines 5b and 5c. Yes No
- b** What procedures will you follow to assure that persons who have a conflict of interest will not have influence over you for setting their own compensation?
- c** What procedures will you follow to assure that persons who have a conflict of interest will not have influence over you regarding business deals with themselves?
- Note:** A conflict of interest policy is recommended though it is not required to obtain exemption. Hospitals, see Schedule C, Section I, line 14.
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- 6a** Do you or will you compensate any of your officers, directors, trustees, highest compensated employees, and highest compensated independent contractors listed in lines 1a, 1b, or 1c through **non-fixed payments**, such as discretionary bonuses or revenue-based payments? If "Yes," describe all non-fixed compensation arrangements, including how the amounts are determined, who is eligible for such arrangements, whether you place a limitation on total compensation, and how you determine or will determine that you pay no more than reasonable compensation for services. Refer to the instructions for Part V, lines 1a, 1b, and 1c, for information on what to include as compensation. Yes No
- b** Do you or will you compensate any of your employees, other than your officers, directors, trustees, or your five highest compensated employees who receive or will receive compensation of more than \$50,000 per year, through non-fixed payments, such as discretionary bonuses or revenue-based payments? If "Yes," describe all non-fixed compensation arrangements, including how the amounts are or will be determined, who is or will be eligible for such arrangements, whether you place or will place a limitation on total compensation, and how you determine or will determine that you pay no more than reasonable compensation for services. Refer to the instructions for Part V, lines 1a, 1b, and 1c, for information on what to include as compensation. Yes No
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- 7a** Do you or will you purchase any goods, services, or assets from any of your officers, directors, trustees, highest compensated employees, or highest compensated independent contractors listed in lines 1a, 1b, or 1c? If "Yes," describe any such purchase that you made or intend to make, from whom you make or will make such purchases, how the terms are or will be negotiated at **arm's length**, and explain how you determine or will determine that you pay no more than **fair market value**. Attach copies of any written contracts or other agreements relating to such purchases. Yes No
- b** Do you or will you sell any goods, services, or assets to any of your officers, directors, trustees, highest compensated employees, or highest compensated independent contractors listed in lines 1a, 1b, or 1c? If "Yes," describe any such sales that you made or intend to make, to whom you make or will make such sales, how the terms are or will be negotiated at arm's length, and explain how you determine or will determine you are or will be paid at least fair market value. Attach copies of any written contracts or other agreements relating to such sales. Yes No
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- 8a** Do you or will you have any leases, contracts, loans, or other agreements with your officers, directors, trustees, highest compensated employees, or highest compensated independent contractors listed in lines 1a, 1b, or 1c? If "Yes," provide the information requested in lines 8b through 8f. Yes No
- b** Describe any written or oral arrangements that you made or intend to make.
- c** Identify with whom you have or will have such arrangements.
- d** Explain how the terms are or will be negotiated at arm's length.
- e** Explain how you determine you pay no more than fair market value or you are paid at least fair market value.
- f** Attach copies of any signed leases, contracts, loans, or other agreements relating to such arrangements.
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- 9a** Do you or will you have any leases, contracts, loans, or other agreements with any organization in which any of your officers, directors, or trustees are also officers, directors, or trustees, or in which any individual officer, director, or trustee owns more than a 35% interest? If "Yes," provide the information requested in lines 9b through 9f. Yes No

Part V Compensation and Other Financial Arrangements With Your Officers, Directors, Trustees, Employees, and Independent Contractors *(Continued)*

- b** Describe any written or oral arrangements you made or intend to make.
- c** Identify with whom you have or will have such arrangements.
- d** Explain how the terms are or will be negotiated at arm's length.
- e** Explain how you determine or will determine you pay no more than fair market value or that you are paid at least fair market value.
- f** Attach a copy of any signed leases, contracts, loans, or other agreements relating to such arrangements.

Part VI Your Members and Other Individuals and Organizations That Receive Benefits From You

The following "Yes" or "No" questions relate to goods, services, and funds you provide to individuals and organizations as part of your activities. Your answers should pertain to *past*, *present*, and *planned* activities. (See instructions.)

- 1a** In carrying out your exempt purposes, do you provide goods, services, or funds to individuals? If "Yes," describe each program that provides goods, services, or funds to individuals. **Yes** **No**
- b** In carrying out your exempt purposes, do you provide goods, services, or funds to organizations? If "Yes," describe each program that provides goods, services, or funds to organizations. **Yes** **No**
- 2** Do any of your programs limit the provision of goods, services, or funds to a specific individual or group of specific individuals? For example, answer "Yes," if goods, services, or funds are provided only for a particular individual, your members, individuals who work for a particular employer, or graduates of a particular school. If "Yes," explain the limitation and how recipients are selected for each program. **Yes** **No**
- 3** Do any individuals who receive goods, services, or funds through your programs have a family or business relationship with any officer, director, trustee, or with any of your highest compensated employees or highest compensated independent contractors listed in Part V, lines 1a, 1b, and 1c? If "Yes," explain how these related individuals are eligible for goods, services, or funds. **Yes** **No**

Part VII Your History

The following "Yes" or "No" questions relate to your history. (See instructions.)

- 1** Are you a **successor** to another organization? Answer "Yes," if you have taken or will take over the activities of another organization; you took over 25% or more of the fair market value of the net assets of another organization; or you were established upon the conversion of an organization from for-profit to non-profit status. If "Yes," complete Schedule G. **Yes** **No**
- 2** Are you submitting this application more than 27 months after the end of the month in which you were legally formed? If "Yes," complete Schedule E. **Yes** **No**

Part VIII Your Specific Activities

The following "Yes" or "No" questions relate to specific activities that you may conduct. Check the appropriate box. Your answers should pertain to *past*, *present*, and *planned* activities. (See instructions.)

- 1** Do you support or oppose candidates in **political campaigns** in any way? If "Yes," explain. **Yes** **No**
- 2a** Do you attempt to **influence legislation**? If "Yes," explain how you attempt to influence legislation and complete line 2b. If "No," go to line 3a. **Yes** **No**
- b** Have you made or are you making an **election** to have your legislative activities measured by expenditures by filing Form 5768? If "Yes," attach a copy of the Form 5768 that was already filed or attach a completed Form 5768 that you are filing with this application. If "No," describe whether your attempts to influence legislation are a substantial part of your activities. Include the time and money spent on your attempts to influence legislation as compared to your total activities. **Yes** **No**
- 3a** Do you or will you operate bingo or **gaming** activities? If "Yes," describe who conducts them, and list all revenue received or expected to be received and expenses paid or expected to be paid in operating these activities. **Revenue and expenses** should be provided for the time periods specified in Part IX, Financial Data. **Yes** **No**
- b** Do you or will you enter into contracts or other agreements with individuals or organizations to conduct bingo or gaming for you? If "Yes," describe any written or oral arrangements that you made or intend to make, identify with whom you have or will have such arrangements, explain how the terms are or will be negotiated at arm's length, and explain how you determine or will determine you pay no more than fair market value or you will be paid at least fair market value. Attach copies or any written contracts or other agreements relating to such arrangements. **Yes** **No**
- c** List the states and local jurisdictions, including Indian Reservations, in which you conduct or will conduct gaming or bingo.

Part VIII Your Specific Activities (Continued)

- 4a** Do you or will you undertake **fundraising**? If "Yes," check all the fundraising programs you do or will conduct. (See instructions.) **Yes** **No**
- | | |
|---|--|
| <input type="checkbox"/> mail solicitations | <input type="checkbox"/> phone solicitations |
| <input type="checkbox"/> email solicitations | <input type="checkbox"/> accept donations on your website |
| <input type="checkbox"/> personal solicitations | <input type="checkbox"/> receive donations from another organization's website |
| <input type="checkbox"/> vehicle, boat, plane, or similar donations | <input type="checkbox"/> government grant solicitations |
| <input type="checkbox"/> foundation grant solicitations | <input type="checkbox"/> Other |
- Attach a description of each fundraising program.
- b** Do you or will you have written or oral contracts with any individuals or organizations to raise funds for you? If "Yes," describe these activities. Include all revenue and expenses from these activities and state who conducts them. Revenue and expenses should be provided for the time periods specified in Part IX, Financial Data. Also, attach a copy of any contracts or agreements. **Yes** **No**
- c** Do you or will you engage in fundraising activities for other organizations? If "Yes," describe these arrangements. Include a description of the organizations for which you raise funds and attach copies of all contracts or agreements. **Yes** **No**
- d** List all states and local jurisdictions in which you conduct fundraising. For each state or local jurisdiction listed, specify whether you fundraise for your own organization, you fundraise for another organization, or another organization fundraises for you.
- e** Do you or will you maintain separate accounts for any contributor under which the contributor has the right to advise on the use or distribution of funds? Answer "Yes" if the donor may provide advice on the types of investments, distributions from the types of investments, or the distribution from the donor's contribution account. If "Yes," describe this program, including the type of advice that may be provided and submit copies of any written materials provided to donors. **Yes** **No**
-
- 5** Are you **affiliated** with a governmental unit? If "Yes," explain. **Yes** **No**
- 6a** Do you or will you engage in **economic development**? If "Yes," describe your program. **Yes** **No**
- b** Describe in full who benefits from your economic development activities and how the activities promote exempt purposes.
-
- 7a** Do or will persons other than your employees or volunteers **develop** your facilities? If "Yes," describe each facility, the role of the developer, and any business or family relationship(s) between the developer and your officers, directors, or trustees. **Yes** **No**
- b** Do or will persons other than your employees or volunteers **manage** your activities or facilities? If "Yes," describe each activity and facility, the role of the manager, and any business or family relationship(s) between the manager and your officers, directors, or trustees. **Yes** **No**
- c** If there is a business or family relationship between any manager or developer and your officers, directors, or trustees, identify the individuals, explain the relationship, describe how contracts are negotiated at arm's length so that you pay no more than fair market value, and submit a copy of any contracts or other agreements.
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- 8** Do you or will you enter into **joint ventures**, including partnerships or **limited liability companies** treated as partnerships, in which you share profits and losses with partners other than section 501(c)(3) organizations? If "Yes," describe the activities of these joint ventures in which you participate. **Yes** **No**
-
- 9a** Are you applying for exemption as a childcare organization under section 501(k)? If "Yes," answer lines 9b through 9d. If "No," go to line 10. **Yes** **No**
- b** Do you provide child care so that parents or caretakers of children you care for can be **gainfully employed** (see instructions)? If "No," explain how you qualify as a childcare organization described in section 501(k). **Yes** **No**
- c** Of the children for whom you provide child care, are 85% or more of them cared for by you to enable their parents or caretakers to be gainfully employed (see instructions)? If "No," explain how you qualify as a childcare organization described in section 501(k). **Yes** **No**
- d** Are your services available to the general public? If "No," describe the specific group of people for whom your activities are available. Also, see the instructions and explain how you qualify as a childcare organization described in section 501(k). **Yes** **No**
-
- 10** Do you or will you publish, own, or have rights in music, literature, tapes, artworks, choreography, scientific discoveries, or other **intellectual property**? If "Yes," explain. Describe who owns or will own any copyrights, patents, or trademarks, whether fees are or will be charged, how the fees are determined, and how any items are or will be produced, distributed, and marketed. **Yes** **No**

Part VIII Your Specific Activities (Continued)

- 11** Do you or will you accept contributions of: real property; conservation easements; closely held securities; intellectual property such as patents, trademarks, and copyrights; works of music or art; licenses; royalties; automobiles, boats, planes, or other vehicles; or collectibles of any type? If "Yes," describe each type of contribution, any conditions imposed by the donor on the contribution, and any agreements with the donor regarding the contribution. **Yes** **No**
-
- 12a** Do you or will you operate in a **foreign country or countries**? If "Yes," answer lines 12b through 12d. If "No," go to line 13a. **Yes** **No**
- b** Name the foreign countries and regions within the countries in which you operate.
- c** Describe your operations in each country and region in which you operate.
- d** Describe how your operations in each country and region further your exempt purposes.
-
- 13a** Do you or will you make grants, loans, or other distributions to organization(s)? If "Yes," answer lines 13b through 13g. If "No," go to line 14a. **Yes** **No**
- b** Describe how your grants, loans, or other distributions to organizations further your exempt purposes.
- c** Do you have written contracts with each of these organizations? If "Yes," attach a copy of each contract. **Yes** **No**
- d** Identify each recipient organization and any **relationship** between you and the recipient organization.
- e** Describe the records you keep with respect to the grants, loans, or other distributions you make.
- f** Describe your selection process, including whether you do any of the following:
- (i)** Do you require an application form? If "Yes," attach a copy of the form. **Yes** **No**
- (ii)** Do you require a grant proposal? If "Yes," describe whether the grant proposal specifies your responsibilities and those of the grantee, obligates the grantee to use the grant funds only for the purposes for which the grant was made, provides for periodic written reports concerning the use of grant funds, requires a final written report and an accounting of how grant funds were used, and acknowledges your authority to withhold and/or recover grant funds in case such funds are, or appear to be, misused. **Yes** **No**
- g** Describe your procedures for oversight of distributions that assure you the resources are used to further your exempt purposes, including whether you require periodic and final reports on the use of resources.
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- 14a** Do you or will you make grants, loans, or other distributions to foreign organizations? If "Yes," answer lines 14b through 14f. If "No," go to line 15. **Yes** **No**
- b** Provide the name of each foreign organization, the country and regions within a country in which each foreign organization operates, and describe any relationship you have with each foreign organization.
- c** Does any foreign organization listed in line 14b accept contributions earmarked for a specific country or specific organization? If "Yes," list all earmarked organizations or countries. **Yes** **No**
- d** Do your contributors know that you have ultimate authority to use contributions made to you at your discretion for purposes consistent with your exempt purposes? If "Yes," describe how you relay this information to contributors. **Yes** **No**
- e** Do you or will you make pre-grant inquiries about the recipient organization? If "Yes," describe these inquiries, including whether you inquire about the recipient's financial status, its tax-exempt status under the Internal Revenue Code, its ability to accomplish the purpose for which the resources are provided, and other relevant information. **Yes** **No**
- f** Do you or will you use any additional procedures to ensure that your distributions to foreign organizations are used in furtherance of your exempt purposes? If "Yes," describe these procedures, including site visits by your employees or compliance checks by impartial experts, to verify that grant funds are being used appropriately. **Yes** **No**

Part VIII Your Specific Activities *(Continued)*

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|-----------|--|-------------------------------------|------------------------------------|
| 15 | Do you have a close connection with any organizations? If "Yes," explain. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 16 | Are you applying for exemption as a cooperative hospital service organization under section 501(e)? If "Yes," explain. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 17 | Are you applying for exemption as a cooperative service organization of operating educational organizations under section 501(f)? If "Yes," explain. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 18 | Are you applying for exemption as a charitable risk pool under section 501(n)? If "Yes," explain. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 19 | Do you or will you operate a school ? If "Yes," complete Schedule B. Answer "Yes," whether you operate a school as your main function or as a secondary activity. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 20 | Is your main function to provide hospital or medical care ? If "Yes," complete Schedule C. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 21 | Do you or will you provide low-income housing or housing for the elderly or handicapped ? If "Yes," complete Schedule F. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 22 | Do you or will you provide scholarships, fellowships, educational loans, or other educational grants to individuals, including grants for travel, study, or other similar purposes? If "Yes," complete Schedule H. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

Note: Private foundations may use Schedule H to request advance approval of individual grant procedures.

Part IX Financial Data

For purposes of this schedule, years in existence refer to completed tax years. If in existence 4 or more years, complete the schedule for the most recent 4 tax years. If in existence more than 1 year but less than 4 years, complete the statements for each year in existence and provide projections of your likely revenues and expenses based on a reasonable and good faith estimate of your future finances for a total of 3 years of financial information. If in existence less than 1 year, provide projections of your likely revenues and expenses for the current year and the 2 following years, based on a reasonable and good faith estimate of your future finances for a total of 3 years of financial information. (See instructions.)

A. Statement of Revenues and Expenses

	Type of revenue or expense	Current tax year	3 prior tax years or 2 succeeding tax years			(e) Provide Total for (a) through (d)
		(a) From To	(b) From To	(c) From To	(d) From To	
Revenues	1 Gifts, grants, and contributions received (do not include unusual grants)					
	2 Membership fees received					
	3 Gross investment income					
	4 Net unrelated business income					
	5 Taxes levied for your benefit					
	6 Value of services or facilities furnished by a governmental unit without charge (not including the value of services generally furnished to the public without charge)					
	7 Any revenue not otherwise listed above or in lines 9–12 below (attach an itemized list)					
	8 Total of lines 1 through 7					
	9 Gross receipts from admissions, merchandise sold or services performed, or furnishing of facilities in any activity that is related to your exempt purposes (attach itemized list)					
	10 Total of lines 8 and 9					
	11 Net gain or loss on sale of capital assets (attach schedule and see instructions)					
	12 Unusual grants					
	13 Total Revenue Add lines 10 through 12					
Expenses	14 Fundraising expenses					
	15 Contributions, gifts, grants, and similar amounts paid out (attach an itemized list)					
	16 Disbursements to or for the benefit of members (attach an itemized list)					
	17 Compensation of officers, directors, and trustees					
	18 Other salaries and wages					
	19 Interest expense					
	20 Occupancy (rent, utilities, etc.)					
	21 Depreciation and depletion					
	22 Professional fees					
	23 Any expense not otherwise classified, such as program services (attach itemized list)					
	24 Total Expenses Add lines 14 through 23					

Part IX Financial Data (Continued)

B. Balance Sheet (for your most recently completed tax year)

Year End:

(Whole dollars)

Assets		
1	Cash	1
2	Accounts receivable, net	2
3	Inventories	3
4	Bonds and notes receivable (attach an itemized list)	4
5	Corporate stocks (attach an itemized list)	5
6	Loans receivable (attach an itemized list)	6
7	Other investments (attach an itemized list)	7
8	Depreciable and depletable assets (attach an itemized list)	8
9	Land	9
10	Other assets (attach an itemized list)	10
11	Total Assets (add lines 1 through 10)	11
Liabilities		
12	Accounts payable	12
13	Contributions, gifts, grants, etc. payable	13
14	Mortgages and notes payable (attach an itemized list)	14
15	Other liabilities (attach an itemized list)	15
16	Total Liabilities (add lines 12 through 15)	16
Fund Balances or Net Assets		
17	Total fund balances or net assets	17
18	Total Liabilities and Fund Balances or Net Assets (add lines 16 and 17)	18
19	Have there been any substantial changes in your assets or liabilities since the end of the period shown above? If "Yes," explain.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Part X Public Charity Status

Part X is designed to classify you as an organization that is either a **private foundation** or a **public charity**. Public charity status is a more favorable tax status than private foundation status. If you are a private foundation, Part X is designed to further determine whether you are a **private operating foundation**. (See instructions.)

- 1a Are you a private foundation? If "Yes," go to line 1b. If "No," go to line 5 and proceed as instructed. If you are unsure, see the instructions. Yes No
- b As a private foundation, section 508(e) requires special provisions in your organizing document in addition to those that apply to all organizations described in section 501(c)(3). Check the box to confirm that your organizing document meets this requirement, whether by express provision or by reliance on operation of state law. Attach a statement that describes specifically where your organizing document meets this requirement, such as a reference to a particular article or section in your organizing document or by operation of state law. See the instructions, including Appendix B, for information about the special provisions that need to be contained in your organizing document. Go to line 2.
- 2 Are you a private operating foundation? To be a private operating foundation you must engage directly in the active conduct of charitable, religious, educational, and similar activities, as opposed to indirectly carrying out these activities by providing grants to individuals or other organizations. If "Yes," go to line 3. If "No," go to the signature section of Part XI. Yes No
- 3 Have you existed for one or more years? If "Yes," attach financial information showing that you are a private operating foundation; go to the signature section of Part XI. If "No," continue to line 4. Yes No
- 4 Have you attached either (1) an affidavit or opinion of counsel, (including a written affidavit or opinion from a certified public accountant or accounting firm with expertise regarding this tax law matter), that sets forth facts concerning your operations and support to demonstrate that you are likely to satisfy the requirements to be classified as a private operating foundation; or (2) a statement describing your proposed operations as a private operating foundation? Yes No
- 5 If you answered "No" to line 1a, indicate the type of public charity status you are requesting by checking one of the choices below. You may check only one box.
The organization is not a private foundation because it is:
 - a 509(a)(1) and 170(b)(1)(A)(i)—a church or a convention or association of churches. Complete and attach Schedule A.
 - b 509(a)(1) and 170(b)(1)(A)(ii)—a **school**. Complete and attach Schedule B.
 - c 509(a)(1) and 170(b)(1)(A)(iii)—a **hospital**, a cooperative hospital service organization, or a medical research organization operated in conjunction with a hospital. Complete and attach Schedule C.
 - d 509(a)(3)—an organization supporting either one or more organizations described in line 5a through c, f, g, or h or a publicly supported section 501(c)(4), (5), or (6) organization. Complete and attach Schedule D.

Part X Public Charity Status (Continued)

- e 509(a)(4)—an organization organized and operated exclusively for testing for public safety.
- f 509(a)(1) and 170(b)(1)(A)(iv)—an organization operated for the benefit of a college or university that is owned or operated by a governmental unit.
- g 509(a)(1) and 170(b)(1)(A)(vi)—an organization that receives a substantial part of its financial support in the form of contributions from publicly supported organizations, from a governmental unit, or from the general public.
- h 509(a)(2)—an organization that normally receives not more than one-third of its financial support from gross **investment income** and receives more than one-third of its financial support from contributions, membership fees, and gross receipts from activities related to its exempt functions (subject to certain exceptions).
- i A publicly supported organization, but unsure if it is described in 5g or 5h. The organization would like the IRS to decide the correct status.

6 If you checked box g, h, or i in question 5 above, you must request either an **advance** or a **definitive ruling** by selecting one of the boxes below. Refer to the instructions to determine which type of ruling you are eligible to receive.

- a **Request for Advance Ruling:** By checking this box and signing the consent, pursuant to section 6501(c)(4) of the Code you request an advance ruling and agree to extend the statute of limitations on the assessment of excise tax under section 4940 of the Code. The tax will apply only if you do not establish public support status at the end of the 5-year advance ruling period. The assessment period will be extended for the 5 advance ruling years to 8 years, 4 months, and 15 days beyond the end of the first year. You have the right to refuse or limit the extension to a mutually agreed-upon period of time or issue(s). Publication 1035, *Extending the Tax Assessment Period*, provides a more detailed explanation of your rights and the consequences of the choices you make. You may obtain Publication 1035 free of charge from the IRS web site at www.irs.gov or by calling toll-free 1-800-829-3676. Signing this consent will not deprive you of any appeal rights to which you would otherwise be entitled. If you decide not to extend the statute of limitations, you are not eligible for an advance ruling.

Consent Fixing Period of Limitations Upon Assessment of Tax Under Section 4940 of the Internal Revenue Code

For Organization

.....
(Signature of Officer, Director, Trustee, or other authorized official)

.....
(Type or print name of signer)

.....
(Date)

.....
(Type or print title or authority of signer)

For Director, Exempt Organizations

By Date

- b **Request for Definitive Ruling:** Check this box if you have completed one tax year of at least 8 full months and you are requesting a definitive ruling. To confirm your public support status, answer line 6b(i) if you checked box g in line 5 above. Answer line 6b(ii) if you checked box h in line 5 above. If you checked box i in line 5 above, answer both lines 6b(i) and (ii).

(i) (a) Enter 2% of line 8, column (e) on Part IX-A. Statement of Revenues and Expenses. _____

(b) Attach a list showing the name and amount contributed by each person, company, or organization whose gifts totaled more than the 2% amount. If the answer is "None," check this box.

(ii) (a) For each year amounts are included on lines 1, 2, and 9 of Part IX-A. Statement of Revenues and Expenses, attach a list showing the name of and amount received from each **disqualified person**. If the answer is "None," check this box.

(b) For each year amounts are included on line 9 of Part IX-A. Statement of Revenues and Expenses, attach a list showing the name of and amount received from each payer, other than a disqualified person, whose payments were more than the larger of (1) 1% of line 10, Part IX-A. Statement of Revenues and Expenses, or (2) \$5,000. If the answer is "None," check this box.

7 Did you receive any unusual grants during any of the years shown on Part IX-A. Statement of Revenues and Expenses? If "Yes," attach a list including the name of the contributor, the date and amount of the grant, a brief description of the grant, and explain why it is unusual. Yes No

Part XI User Fee Information

You must include a user fee payment with this application. It will not be processed without your paid user fee. If your average annual gross receipts have exceeded or will exceed \$10,000 annually over a 4-year period, you must submit payment of \$500. If your gross receipts have not exceeded or will not exceed \$10,000 annually over a 4-year period, the required user fee payment is \$150. See instructions for Part XI, for a definition of **gross receipts** over a 4-year period. Your check or money order must be made payable to the United States Treasury. *User fees are subject to change. Check our website at www.irs.gov and type "User Fee" in the keyword box, or call Customer Account Services at 1-877-829-5500 for current information.*

- 1 Have your annual gross receipts averaged or are they expected to average not more than \$10,000? **Yes** **No**
 If "Yes," check the box on line 2 and enclose a user fee payment of \$150 (Subject to change—see above).
 If "No," check the box on line 3 and enclose a user fee payment of \$500 (Subject to change—see above).
- 2 Check the box if you have enclosed the reduced user fee payment of \$150 (Subject to change).
- 3 Check the box if you have enclosed the user fee payment of \$500 (Subject to change).

I declare under the penalties of perjury that I am authorized to sign this application on behalf of the above organization and that I have examined this application, including the accompanying schedules and attachments, and to the best of my knowledge it is true, correct, and complete.

Please Sign Here



.....
 (Signature of Officer, Director, Trustee, or other authorized official)

.....
 (Type or print name of signer)

.....
 (Date)

.....
 (Type or print title or authority of signer)

Reminder: Send the completed Form 1023 Checklist with your filled-in-application.

Schedule A. Churches

- 1a** Do you have a written creed, statement of faith, or summary of beliefs? If "Yes," attach copies of relevant documents. **Yes** **No**
- b** Do you have a form of worship? If "Yes," describe your form of worship. **Yes** **No**
- 2a** Do you have a formal code of doctrine and discipline? If "Yes," describe your code of doctrine and discipline. **Yes** **No**
- b** Do you have a distinct religious history? If "Yes," describe your religious history. **Yes** **No**
- c** Do you have a literature of your own? If "Yes," describe your literature. **Yes** **No**
- 3** Describe the organization's religious hierarchy or ecclesiastical government.
- 4a** Do you have regularly scheduled religious services? If "Yes," describe the nature of the services and provide representative copies of relevant literature such as church bulletins. **Yes** **No**
- b** What is the average attendance at your regularly scheduled religious services? _____
- 5a** Do you have an established place of worship? If "Yes," refer to the instructions for the information required. **Yes** **No**
- b** Do you own the property where you have an established place of worship? **Yes** **No**
- 6** Do you have an established congregation or other regular membership group? If "No," refer to the instructions. **Yes** **No**
- 7** How many members do you have? _____
- 8a** Do you have a process by which an individual becomes a member? If "Yes," describe the process and complete lines 8b-8d, below. **Yes** **No**
- b** If you have members, do your members have voting rights, rights to participate in religious functions, or other rights? If "Yes," describe the rights your members have. **Yes** **No**
- c** May your members be associated with another denomination or church? **Yes** **No**
- d** Are all of your members part of the same **family**? **Yes** **No**
- 9** Do you conduct baptisms, weddings, funerals, etc.? **Yes** **No**
- 10** Do you have a school for the religious instruction of the young? **Yes** **No**
- 11a** Do you have a minister or religious leader? If "Yes," describe this person's role and explain whether the minister or religious leader was ordained, commissioned, or licensed after a prescribed course of study. **Yes** **No**
- b** Do you have schools for the preparation of your ordained ministers or religious leaders? **Yes** **No**
- 12** Is your minister or religious leader also one of your officers, directors, or trustees? **Yes** **No**
- 13** Do you ordain, commission, or license ministers or religious leaders? If "Yes," describe the requirements for ordination, commission, or licensure. **Yes** **No**
- 14** Are you part of a group of churches with similar beliefs and structures? If "Yes," explain. Include the name of the group of churches. **Yes** **No**
- 15** Do you issue church charters? If "Yes," describe the requirements for issuing a charter. **Yes** **No**
- 16** Did you pay a fee for a church charter? If "Yes," attach a copy of the charter. **Yes** **No**
- 17** Do you have other information you believe should be considered regarding your status as a church? If "Yes," explain. **Yes** **No**

Schedule B. Schools, Colleges, and Universities

If you operate a school as an activity, complete Schedule B

Section I Operational Information

- 1a** Do you normally have a regularly scheduled curriculum, a regular faculty of qualified teachers, a regularly enrolled student body, and facilities where your educational activities are regularly carried on? If "No," do not complete the remainder of Schedule B. Yes No
- b** Is the primary function of your school the presentation of formal instruction? If "Yes," describe your school in terms of whether it is an elementary, secondary, college, technical, or other type of school. If "No," do not complete the remainder of Schedule B. Yes No
- 2a** Are you a public school because you are operated by a state or subdivision of a state? If "Yes," explain how you are operated by a state or subdivision of a state. Do not complete the remainder of Schedule B. Yes No
- b** Are you a public school because you are operated wholly or predominantly from government funds or property? If "Yes," explain how you are operated wholly or predominantly from government funds or property. Submit a copy of your funding agreement regarding government funding. Do not complete the remainder of Schedule B. Yes No
- 3** In what public school district, county, and state are you located?
- 4** Were you formed or substantially expanded at the time of public school desegregation in the above school district or county? Yes No
- 5** Has a state or federal administrative agency or judicial body ever determined that you are racially discriminatory? If "Yes," explain. Yes No
- 6** Has your right to receive financial aid or assistance from a governmental agency ever been revoked or suspended? If "Yes," explain. Yes No
- 7** Do you or will you contract with another organization to develop, build, market, or finance your facilities? If "Yes," explain how that entity is selected, explain how the terms of any contracts or other agreements are negotiated at arm's length, and explain how you determine that you will pay no more than fair market value for services. Yes No

Note. Make sure your answer is consistent with the information provided in Part VIII, line 7a.

- 8** Do you or will you manage your activities or facilities through your own employees or volunteers? If "No," attach a statement describing the activities that will be managed by others, the names of the persons or organizations that manage or will manage your activities or facilities, and how these managers were or will be selected. Also, submit copies of any contracts, proposed contracts, or other agreements regarding the provision of management services for your activities or facilities. Explain how the terms of any contracts or other agreements were or will be negotiated, and explain how you determine you will pay no more than fair market value for services. Yes No

Note. Answer "Yes" if you manage or intend to manage your programs through your own employees or by using volunteers. Answer "No" if you engage or intend to engage a separate organization or independent contractor. Make sure your answer is consistent with the information provided in Part VIII, line 7b.**Section II Establishment of Racially Nondiscriminatory Policy**Information required by **Revenue Procedure 75-50.**

- 1** Have you adopted a racially nondiscriminatory policy as to students in your organizing document, bylaws, or by resolution of your governing body? If "Yes," state where the policy can be found or supply a copy of the policy. If "No," you must adopt a nondiscriminatory policy as to students before submitting this application. See Publication 557. Yes No
- 2** Do your brochures, application forms, advertisements, and catalogues dealing with student admissions, programs, and scholarships contain a statement of your racially nondiscriminatory policy? Yes No
- a** If "Yes," attach a representative sample of each document.
- b** If "No," by checking the box to the right you agree that all future printed materials, including website content, will contain the required nondiscriminatory policy statement.
- 3** Have you published a notice of your nondiscriminatory policy in a newspaper of general circulation that serves all racial segments of the community? (See the instructions for specific requirements.) If "No," explain. Yes No
- 4** Does or will the organization (or any department or division within it) discriminate in any way on the basis of race with respect to admissions; use of facilities or exercise of student privileges; faculty or administrative staff; or scholarship or loan programs? If "Yes," for any of the above, explain fully. Yes No

Schedule B. Schools, Colleges, and Universities (Continued)

5 Complete the table below to show the racial composition for the current academic year and projected for the next academic year, of: (a) the student body, (b) the faculty, and (c) the administrative staff. Provide actual numbers rather than percentages for each racial category.

If you are not operational, submit an estimate based on the best information available (such as the racial composition of the community served).

Racial Category	(a) Student Body		(b) Faculty		(c) Administrative Staff	
	Current Year	Next Year	Current Year	Next Year	Current Year	Next Year
Total						

6 In the table below, provide the number and amount of loans and scholarships awarded to students enrolled by racial categories.

Racial Category	Number of Loans		Amount of Loans		Number of Scholarships		Amount of Scholarships	
	Current Year	Next Year	Current Year	Next Year	Current Year	Next Year	Current Year	Next Year
Total								

7a Attach a list of your incorporators, founders, board members, and donors of land or buildings, whether individuals or organizations.

b Do any of these individuals or organizations have an objective to maintain segregated public or private school education? If "Yes," explain. **Yes** **No**

8 Will you maintain records according to the non-discrimination provisions contained in Revenue Procedure 75-50? If "No," explain. (See instructions.) **Yes** **No**

Schedule C. Hospitals and Medical Research Organizations

Check the box if you are a **hospital**. See the instructions for a definition of the term "hospital," which includes an organization whose principal purpose or function is providing **hospital or medical care**. Complete Section I below.

Check the box if you are a **medical research organization** operated in conjunction with a hospital. See the instructions for a definition of the term "medical research organization," which refers to an organization whose principal purpose or function is medical research and which is directly engaged in the continuous active conduct of medical research in conjunction with a hospital. Complete Section II.

Section I Hospitals

- 1a** Are all the doctors in the community eligible for staff privileges? If "No," give the reasons why and explain how the medical staff is selected. **Yes** **No**
- 2a** Do you or will you provide medical services to all individuals in your community who can pay for themselves or have private health insurance? If "No," explain. **Yes** **No**
- b** Do you or will you provide medical services to all individuals in your community who participate in Medicare? If "No," explain. **Yes** **No**
- c** Do you or will you provide medical services to all individuals in your community who participate in Medicaid? If "No," explain. **Yes** **No**
- 3a** Do you or will you require persons covered by Medicare or Medicaid to pay a deposit before receiving services? If "Yes," explain. **Yes** **No**
- b** Does the same deposit requirement, if any, apply to all other patients? If "No," explain. **Yes** **No**
- 4a** Do you or will you maintain a full-time emergency room? If "No," explain why you do not maintain a full-time emergency room. Also, describe any emergency services that you provide. **Yes** **No**
- b** Do you have a policy on providing emergency services to persons without apparent means to pay? If "Yes," provide a copy of the policy. **Yes** **No**
- c** Do you have any arrangements with police, fire, and voluntary ambulance services for the delivery or admission of emergency cases? If "Yes," describe the arrangements, including whether they are written or oral agreements. If written, submit copies of all such agreements. **Yes** **No**
- 5a** Do you provide for a portion of your services and facilities to be used for charity patients? If "Yes," answer 5b through 5e. **Yes** **No**
- b** Explain your policy regarding charity cases, including how you distinguish between charity care and bad debts. Submit a copy of your written policy.
- c** Provide data on your past experience in admitting charity patients, including amounts you expend for treating charity care patients and types of services you provide to charity care patients.
- d** Describe any arrangements you have with federal, state, or local governments or government agencies for paying for the cost of treating charity care patients. Submit copies of any written agreements.
- e** Do you provide services on a sliding fee schedule depending on financial ability to pay? If "Yes," submit your sliding fee schedule. **Yes** **No**
- 6a** Do you or will you carry on a formal program of medical training or medical research? If "Yes," describe such programs, including the type of programs offered, the scope of such programs, and affiliations with other hospitals or medical care providers with which you carry on the medical training or research programs. **Yes** **No**
- b** Do you or will you carry on a formal program of community education? If "Yes," describe such programs, including the type of programs offered, the scope of such programs, and affiliation with other hospitals or medical care providers with which you offer community education programs. **Yes** **No**
- 7** Do you or will you provide office space to physicians carrying on their own medical practices? If "Yes," describe the criteria for who may use the space, explain the means used to determine that you are paid at least fair market value, and submit representative lease agreements. **Yes** **No**
- 8** Is your board of directors comprised of a majority of individuals who are representative of the community you serve? Include a list of each board member's name and business, financial, or professional relationship with the hospital. Also, identify each board member who is representative of the community and describe how that individual is a community representative. **Yes** **No**
- 9** Do you participate in any joint ventures? If "Yes," state your ownership percentage in each joint venture, list your investment in each joint venture, describe the tax status of other participants in each joint venture (including whether they are section 501(c)(3) organizations), describe the activities of each joint venture, describe how you exercise control over the activities of each joint venture, and describe how each joint venture furthers your exempt purposes. Also, submit copies of all agreements. **Yes** **No**

Note. Make sure your answer is consistent with the information provided in Part VIII, line 8.

Schedule C. Hospitals and Medical Research Organizations (Continued)**Section I** Hospitals (Continued)

- 10** Do you or will you manage your activities or facilities through your own employees or volunteers? If "No," attach a statement describing the activities that will be managed by others, the names of the persons or organizations that manage or will manage your activities or facilities, and how these managers were or will be selected. Also, submit copies of any contracts, proposed contracts, or other agreements regarding the provision of management services for your activities or facilities. Explain how the terms of any contracts or other agreements were or will be negotiated, and explain how you determine you will pay no more than fair market value for services.
Note. Answer "Yes" if you do manage or intend to manage your programs through your own employees or by using volunteers. Answer "No" if you engage or intend to engage a separate organization or independent contractor. Make sure your answer is consistent with the information provided in Part VIII, line 7b. **Yes** **No**
- 11** Do you or will you offer recruitment incentives to physicians? If "Yes," describe your recruitment incentives and attach copies of all written recruitment incentive policies. **Yes** **No**
- 12** Do you or will you lease equipment, assets, or office space from physicians who have a financial or professional relationship with you? If "Yes," explain how you establish a fair market value for the lease. **Yes** **No**
- 13** Have you purchased medical practices, ambulatory surgery centers, or other business assets from physicians or other persons with whom you have a business relationship, aside from the purchase? If "Yes," submit a copy of each purchase and sales contract and describe how you arrived at fair market value, including copies of appraisals. **Yes** **No**
- 14** Have you adopted a **conflict of interest policy** consistent with the sample health care organization conflict of interest policy in Appendix A of the instructions? If "Yes," submit a copy of the policy and explain how the policy has been adopted, such as by resolution of your governing board. If "No," explain how you will avoid any conflicts of interest in your business dealings. **Yes** **No**

Section II Medical Research Organizations

- 1** Name the hospitals with which you have a relationship and describe the relationship. Attach copies of written agreements with each hospital that demonstrate continuing relationships between you and the hospital(s).
- 2** Attach a schedule describing your present and proposed activities for the direct conduct of medical research; describe the nature of the activities, and the amount of money that has been or will be spent in carrying them out.
- 3** Attach a schedule of assets showing their fair market value and the portion of your assets directly devoted to medical research.

Schedule D. Section 509(a)(3) Supporting Organizations

Section I Identifying Information About the Supported Organization(s)

1 State the names, addresses, and EINs of the supported organizations. If additional space is needed, attach a separate sheet.

Name	Address	EIN
		-
		-

2 Are all supported organizations listed in line 1 public charities under section 509(a)(1) or (2)? If "Yes," go to Section II. If "No," go to line 3. **Yes** **No**

3 Do the supported organizations have tax-exempt status under section 501(c)(4), 501(c)(5), or 501(c)(6)? **Yes** **No**

If "Yes," for each 501(c)(4), (5), or (6) organization supported, provide the following financial information:

- Part IX-A. Statement of Revenues and Expenses, lines 1-13 and
- Part X, lines 6b(ii)(a), 6b(ii)(b), and 7.

If "No," attach a statement describing how each organization you support is a public charity under section 509(a)(1) or (2).

Section II Relationship with Supported Organization(s)—Three Tests

To be classified as a supporting organization, an organization must meet one of three relationship tests:

- Test 1: "Operated, supervised, or controlled by" one or more publicly supported organizations, or
- Test 2: "Supervised or controlled in connection with" one or more publicly supported organizations, or
- Test 3: "Operated in connection with" one or more publicly supported organizations.

1 Information to establish the "operated, supervised, or controlled by" relationship (Test 1)
Is a majority of your governing board or officers elected or appointed by the supported organization(s)? If "Yes," describe the process by which your governing board is appointed and elected; go to Section III. If "No," continue to line 2. **Yes** **No**

2 Information to establish the "supervised or controlled in connection with" relationship (Test 2)
Does a majority of your governing board consist of individuals who also serve on the governing board of the supported organization(s)? If "Yes," describe the process by which your governing board is appointed and elected; go to Section III. If "No," go to line 3. **Yes** **No**

3 Information to establish the "operated in connection with" responsiveness test (Test 3)
Are you a trust from which the named supported organization(s) can enforce and compel an accounting under state law? If "Yes," explain whether you advised the supported organization(s) in writing of these rights and provide a copy of the written communication documenting this; go to Section II, line 5. If "No," go to line 4a. **Yes** **No**

4 Information to establish the alternative "operated in connection with" responsiveness test (Test 3)
a Do the officers, directors, trustees, or members of the supported organization(s) elect or appoint one or more of your officers, directors, or trustees? If "Yes," explain and provide documentation; go to line 4d, below. If "No," go to line 4b. **Yes** **No**

b Do one or more members of the governing body of the supported organization(s) also serve as your officers, directors, or trustees or hold other important offices with respect to you? If "Yes," explain and provide documentation; go to line 4d, below. If "No," go to line 4c. **Yes** **No**

c Do your officers, directors, or trustees maintain a close and continuous working relationship with the officers, directors, or trustees of the supported organization(s)? If "Yes," explain and provide documentation. **Yes** **No**

d Do the supported organization(s) have a significant voice in your investment policies, in the making and timing of grants, and in otherwise directing the use of your income or assets? If "Yes," explain and provide documentation. **Yes** **No**

e Describe and provide copies of written communications documenting how you made the supported organization(s) aware of your supporting activities.

Schedule D. Section 509(a)(3) Supporting Organizations (Continued)**Section II Relationship with Supported Organization(s)—Three Tests (Continued)**

- 5** Information to establish the “operated in connection with” integral part test (Test 3)
Do you conduct activities that would otherwise be carried out by the supported organization(s)? If “Yes,” explain and go to Section III. If “No,” continue to line 6a. **Yes** **No**
- 6** Information to establish the alternative “operated in connection with” integral part test (Test 3)
- a** Do you distribute at least 85% of your annual **net income** to the supported organization(s)? If “Yes,” go to line 6b. (See instructions.) **Yes** **No**
If “No,” state the percentage of your income that you distribute to each supported organization. Also explain how you ensure that the supported organization(s) are attentive to your operations.
- b** How much do you contribute annually to each supported organization? Attach a schedule.
- c** What is the total annual revenue of each supported organization? If you need additional space, attach a list.
- d** Do you or the supported organization(s) **earmark** your funds for support of a particular program or activity? If “Yes,” explain. **Yes** **No**
- 7a** Does your organizing document specify the supported organization(s) by name? If “Yes,” state the article and paragraph number and go to Section III. If “No,” answer line 7b. **Yes** **No**
- b** Attach a statement describing whether there has been an historic and continuing relationship between you and the supported organization(s).

Section III Organizational Test

- 1a** If you met relationship Test 1 or Test 2 in Section II, your organizing document must specify the supported organization(s) by name, or by naming a similar purpose or charitable class of beneficiaries. If your organizing document complies with this requirement, answer “Yes.” If your organizing document does not comply with this requirement, answer “No,” and see the instructions. **Yes** **No**
- b** If you met relationship Test 3 in Section II, your organizing document must generally specify the supported organization(s) by name. If your organizing document complies with this requirement, answer “Yes,” and go to Section IV. If your organizing document does not comply with this requirement, answer “No,” and see the instructions. **Yes** **No**

Section IV Disqualified Person Test

You do not qualify as a supporting organization if you are **controlled** directly or indirectly by one or more **disqualified persons** (as defined in section 4946) other than **foundation managers** or one or more organizations that you support. Foundation managers who are also disqualified persons for another reason are disqualified persons with respect to you.

- 1a** Do any persons who are disqualified persons with respect to you, (except individuals who are disqualified persons only because they are foundation managers), appoint any of your foundation managers? If “Yes,” (1) describe the process by which disqualified persons appoint any of your foundation managers, (2) provide the names of these disqualified persons and the foundation managers they appoint, and (3) explain how control is vested over your operations (including assets and activities) by persons other than disqualified persons. **Yes** **No**
- b** Do any persons who have a family or business relationship with any disqualified persons with respect to you, (except individuals who are disqualified persons only because they are foundation managers), appoint any of your foundation managers? If “Yes,” (1) describe the process by which individuals with a family or business relationship with disqualified persons appoint any of your foundation managers, (2) provide the names of these disqualified persons, the individuals with a family or business relationship with disqualified persons, and the foundation managers appointed, and (3) explain how control is vested over your operations (including assets and activities) in individuals other than disqualified persons. **Yes** **No**
- c** Do any persons who are disqualified persons, (except individuals who are disqualified persons only because they are foundation managers), have any influence regarding your operations, including your assets or activities? If “Yes,” (1) provide the names of these disqualified persons, (2) explain how influence is exerted over your operations (including assets and activities), and (3) explain how control is vested over your operations (including assets and activities) by individuals other than disqualified persons. **Yes** **No**

Schedule E. Organizations Not Filing Form 1023 Within 27 Months of Formation

Schedule E is intended to determine whether you are eligible for tax exemption under section 501(c)(3) from the postmark date of your application or from your date of incorporation or formation, whichever is earlier. If you are not eligible for tax exemption under section 501(c)(3) from your date of incorporation or formation, Schedule E is also intended to determine whether you are eligible for tax exemption under section 501(c)(4) for the period between your date of incorporation or formation and the postmark date of your application.

- 1** Are you a church, association of churches, or integrated auxiliary of a church? If "Yes," complete Schedule A and stop here. Do not complete the remainder of Schedule E. **Yes** **No**
-
- 2a** Are you a public charity with annual **gross receipts** that are normally \$5,000 or less? If "Yes," stop here. Answer "No" if you are a private foundation, regardless of your gross receipts. **Yes** **No**
- b** If your gross receipts were normally more than \$5,000, are you filing this application within 90 days from the end of the tax year in which your gross receipts were normally more than \$5,000? If "Yes," stop here. **Yes** **No**
-
- 3a** Were you included as a subordinate in a group exemption application or letter? If "No," go to line 4. **Yes** **No**
- b** If you were included as a subordinate in a group exemption letter, are you filing this application within 27 months from the date you were notified by the organization holding the group exemption letter or the Internal Revenue Service that you cease to be covered by the group exemption letter? If "Yes," stop here. **Yes** **No**
- c** If you were included as a subordinate in a timely filed group exemption request that was denied, are you filing this application within 27 months from the postmark date of the Internal Revenue Service final adverse ruling letter? If "Yes," stop here. **Yes** **No**
-
- 4** Were you created on or before October 9, 1969? If "Yes," stop here. Do not complete the remainder of this schedule. **Yes** **No**
-
- 5** If you answered "No" to lines 1 through 4, we cannot recognize you as tax exempt from your date of formation unless you qualify for an extension of time to apply for exemption. Do you wish to request an extension of time to apply to be recognized as exempt from the date you were formed? If "Yes," attach a statement explaining why you did not file this application within the 27-month period. Do not answer lines 6, 7, or 8. If "No," go to line 6a. **Yes** **No**
-
- 6a** If you answered "No" to line 5, you can only be exempt under section 501(c)(3) from the postmark date of this application. Therefore, do you want us to treat this application as a request for tax exemption from the postmark date? If "Yes," you are eligible for an advance ruling. Complete Part X, line 6a. If "No," you will be treated as a private foundation. **Yes** **No**
- Note.** Be sure your ruling eligibility agrees with your answer to Part X, line 6.
- b** Do you anticipate significant changes in your sources of support in the future? If "Yes," complete line 7 below. **Yes** **No**

Schedule E. Organizations Not Filing Form 1023 Within 27 Months of Formation *(Continued)*

7 Complete this item only if you answered "Yes" to line 6b. Include projected revenue for the first two full years following the current tax year.

Type of Revenue	Projected revenue for 2 years following current tax year		
	(a) From To	(b) From To	(c) Total
1 Gifts, grants, and contributions received (do not include unusual grants)			
2 Membership fees received			
3 Gross investment income			
4 Net unrelated business income			
5 Taxes levied for your benefit			
6 Value of services or facilities furnished by a governmental unit without charge (not including the value of services generally furnished to the public without charge)			
7 Any revenue not otherwise listed above or in lines 9-12 below (attach an itemized list)			
8 Total of lines 1 through 7			
9 Gross receipts from admissions, merchandise sold, or services performed, or furnishing of facilities in any activity that is related to your exempt purposes (attach itemized list)			
10 Total of lines 8 and 9			
11 Net gain or loss on sale of capital assets (attach an itemized list)			
12 Unusual grants			
13 Total revenue. Add lines 10 through 12			

8 According to your answers, you are only eligible for tax exemption under section 501(c)(3) from the postmark date of your application. However, you may be eligible for tax exemption under section 501(c)(4) from your date of formation to the postmark date of the Form 1023. Tax exemption under section 501(c)(4) allows exemption from federal income tax, but generally not deductibility of contributions under Code section 170. Check the box at right if you want us to treat this as a request for exemption under 501(c)(4) from your date of formation to the postmark date. ▶

Attach a completed Page 1 of Form 1024, Application for Recognition of Exemption Under Section 501(a), to this application.

Schedule F. Homes for the Elderly or Handicapped and Low-Income Housing**Section I General Information About Your Housing**

- 1** Describe the type of housing you provide.
-
- 2** Provide copies of any application forms you use for admission.
-
- 3** Explain how the public is made aware of your facility.
-
- 4a** Provide a description of each facility.
b What is the total number of residents each facility can accommodate?
c What is your current number of residents in each facility?
d Describe each facility in terms of whether residents rent or purchase housing from you.
-
- 5** Attach a sample copy of your residency or homeownership contract or agreement.
-
- 6** Do you participate in any joint ventures? If "Yes," state your ownership percentage in each joint venture, list your investment in each joint venture, describe the tax status of other participants in each joint venture (including whether they are section 501(c)(3) organizations), describe the activities of each joint venture, describe how you exercise control over the activities of each joint venture, and describe how each joint venture furthers your exempt purposes. Also, submit copies of all joint venture agreements. **Yes** **No**
- Note.** Make sure your answer is consistent with the information provided in Part VIII, line 8.
-
- 7** Do you or will you contract with another organization to develop, build, market, or finance your housing? If "Yes," explain how that entity is selected, explain how the terms of any contract(s) are negotiated at arm's length, and explain how you determine you will pay no more than fair market value for services. **Yes** **No**
- Note.** Make sure your answer is consistent with the information provided in Part VIII, line 7a.
-
- 8** Do you or will you manage your activities or facilities through your own employees or volunteers? If "No," attach a statement describing the activities that will be managed by others, the names of the persons or organizations that manage or will manage your activities or facilities, and how these managers were or will be selected. Also, submit copies of any contracts, proposed contracts, or other agreements regarding the provision of management services for your activities or facilities. Explain how the terms of any contracts or other agreements were or will be negotiated, and explain how you determine you will pay no more than fair market value for services. **Yes** **No**
- Note.** Answer "Yes" if you do manage or intend to manage your programs through your own employees or by using volunteers. Answer "No" if you engage or intend to engage a separate organization or independent contractor. Make sure your answer is consistent with the information provided in Part VIII, line 7b.
-
- 9** Do you participate in any government housing programs? If "Yes," describe these programs. **Yes** **No**
-
- 10a** Do you own the facility? If "No," describe any enforceable rights you possess to purchase the facility in the future; go to line 10c. If "Yes," answer line 10b. **Yes** **No**
- b** How did you acquire the facility? For example, did you develop it yourself, purchase a project, etc. Attach all contracts, transfer agreements, or other documents connected with the acquisition of the facility.
- c** Do you lease the facility or the land on which it is located? If "Yes," describe the parties to the lease(s) and provide copies of all leases. **Yes** **No**

Schedule F. Homes for the Elderly or Handicapped and Low-Income Housing (Continued)**Section II Homes for the Elderly or Handicapped**

- 1a** Do you provide housing for the elderly? If "Yes," describe who qualifies for your housing in terms of age, infirmity, or other criteria and explain how you select persons for your housing. **Yes** **No**
- b** Do you provide housing for the handicapped? If "Yes," describe who qualifies for your housing in terms of disability, income levels, or other criteria and explain how you select persons for your housing. **Yes** **No**
-
- 2a** Do you charge an entrance or founder's fee? If "Yes," describe what this charge covers, whether it is a one-time fee, how the fee is determined, whether it is payable in a lump sum or on an installment basis, whether it is refundable, and the circumstances, if any, under which it may be waived. **Yes** **No**
- b** Do you charge periodic fees or maintenance charges? If "Yes," describe what these charges cover and how they are determined. **Yes** **No**
- c** Is your housing affordable to a significant segment of the elderly or handicapped persons in the community? Identify your **community**. Also, if "Yes," explain how you determine your housing is affordable. **Yes** **No**
-
- 3a** Do you have an established policy concerning residents who become unable to pay their regular charges? If "Yes," describe your established policy. **Yes** **No**
- b** Do you have any arrangements with government welfare agencies or others to absorb all or part of the cost of maintaining residents who become unable to pay their regular charges? If "Yes," describe these arrangements. **Yes** **No**
-
- 4** Do you have arrangements for the healthcare needs of your residents? If "Yes," describe these arrangements. **Yes** **No**
-
- 5** Are your facilities designed to meet the physical, emotional, recreational, social, religious, and/or other similar needs of the elderly or handicapped? If "Yes," describe these design features. **Yes** **No**

Section III Low-Income Housing

- 1** Do you provide low-income housing? If "Yes," describe who qualifies for your housing in terms of income levels or other criteria, and describe how you select persons for your housing. **Yes** **No**
-
- 2** In addition to rent or mortgage payments, do residents pay periodic fees or maintenance charges? If "Yes," describe what these charges cover and how they are determined. **Yes** **No**
-
- 3a** Is your housing affordable to low income residents? If "Yes," describe how your housing is made affordable to low-income residents. **Yes** **No**
- Note.** Revenue Procedure 96-32, 1996-1 C.B. 717, provides guidelines for providing low-income housing that will be treated as charitable. (At least 75% of the units are occupied by low-income tenants or 40% are occupied by tenants earning not more than 120% of the very low-income levels for the area.)
- b** Do you impose any restrictions to make sure that your housing remains affordable to low-income residents? If "Yes," describe these restrictions. **Yes** **No**
-
- 4** Do you provide social services to residents? If "Yes," describe these services. **Yes** **No**

Schedule G. Successors to Other Organizations

1a Are you a **successor** to a **for-profit organization**? If "Yes," explain the relationship with the **predecessor** organization that resulted in your creation and complete line 1b. **Yes** **No**

b Explain why you took over the activities or assets of a for-profit organization or converted from for-profit to nonprofit status.

2a Are you a successor to an organization other than a for-profit organization? Answer "Yes" if you have taken or will take over the activities of another organization; or you have taken or will take over 25% or more of the fair market value of the net assets of another organization. If "Yes," explain the relationship with the other organization that resulted in your creation. **Yes** **No**

b Provide the tax status of the predecessor organization.

c Did you or did an organization to which you are a successor previously apply for tax exemption under section 501(c)(3) or any other section of the Code? If "Yes," explain how the application was resolved. **Yes** **No**

d Was your prior tax exemption or the tax exemption of an organization to which you are a successor revoked or suspended? If "Yes," explain. Include a description of the corrections you made to re-establish tax exemption. **Yes** **No**

e Explain why you took over the activities or assets of another organization.

3 Provide the name, last address, and EIN of the predecessor organization and describe its activities.

Name: _____ **EIN:** -

Address: _____

4 List the owners, partners, principal stockholders, officers, and governing board members of the predecessor organization. Attach a separate sheet if additional space is needed.

Name	Address	Share/Interest (If a for-profit)

5 Do or will any of the persons listed in line 4, maintain a working relationship with you? If "Yes," describe the relationship in detail and include copies of any agreements with any of these persons or with any for-profit organizations in which these persons own more than a 35% interest. **Yes** **No**

6a Were any assets transferred, whether by gift or sale, from the predecessor organization to you? If "Yes," provide a list of assets, indicate the value of each asset, explain how the value was determined, and attach an appraisal, if available. For each asset listed, also explain if the transfer was by gift, sale, or combination thereof. **Yes** **No**

b Were any restrictions placed on the use or sale of the assets? If "Yes," explain the restrictions. **Yes** **No**

c Provide a copy of the agreement(s) of sale or transfer.

7 Were any debts or liabilities transferred from the predecessor for-profit organization to you? If "Yes," provide a list of the debts or liabilities that were transferred to you, indicating the amount of each, how the amount was determined, and the name of the person to whom the debt or liability is owed. **Yes** **No**

8 Will you lease or rent any property or equipment previously owned or used by the predecessor for-profit organization, or from persons listed in line 4, or from for-profit organizations in which these persons own more than a 35% interest? If "Yes," submit a copy of the lease or rental agreement(s). Indicate how the lease or rental value of the property or equipment was determined. **Yes** **No**

9 Will you lease or rent property or equipment to persons listed in line 4, or to for-profit organizations in which these persons own more than a 35% interest? If "Yes," attach a list of the property or equipment, provide a copy of the lease or rental agreement(s), and indicate how the lease or rental value of the property or equipment was determined. **Yes** **No**

Schedule H. Organizations Providing Scholarships, Fellowships, Educational Loans, or Other Educational Grants to Individuals and Private Foundations Requesting Advance Approval of Individual Grant Procedures

Section I *Names of individual recipients are not required to be listed in Schedule H.*

Public charities and private foundations complete lines 1a through 7 of this section. See the instructions to Part X if you are not sure whether you are a public charity or a private foundation.

- 1a** Describe the types of educational grants you provide to individuals, such as scholarships, fellowships, loans, etc.
- b** Describe the purpose and amount of your scholarships, fellowships, and other educational grants and loans that you award.
- c** If you award educational loans, explain the terms of the loans (interest rate, length, forgiveness, etc.).
- d** Specify how your program is publicized.
- e** Provide copies of any solicitation or announcement materials.
- f** Provide a sample copy of the application used.
- 2** Do you maintain case histories showing recipients of your scholarships, fellowships, educational loans, or other educational grants, including names, addresses, purposes of awards, amount of each grant, manner of selection, and relationship (if any) to officers, trustees, or donors of funds to you? If "No," refer to the instructions. **Yes** **No**
- 3** Describe the specific criteria you use to determine who is eligible for your program. (For example, eligibility selection criteria could consist of graduating high school students from a particular high school who will attend college, writers of scholarly works about American history, etc.)
- 4a** Describe the specific criteria you use to select recipients. (For example, specific selection criteria could consist of prior academic performance, financial need, etc.)
- b** Describe how you determine the number of grants that will be made annually.
- c** Describe how you determine the amount of each of your grants.
- d** Describe any requirement or condition that you impose on recipients to obtain, maintain, or qualify for renewal of a grant. (For example, specific requirements or conditions could consist of attendance at a four-year college, maintaining a certain grade point average, teaching in public school after graduation from college, etc.)
- 5** Describe your procedures for supervising the scholarships, fellowships, educational loans, or other educational grants. Describe whether you obtain reports and grade transcripts from recipients, or you pay grants directly to a school under an arrangement whereby the school will apply the grant funds only for enrolled students who are in good standing. Also, describe your procedures for taking action if the terms of the award are violated.
- 6** Who is on the selection committee for the awards made under your program, including names of current committee members, criteria for committee membership, and the method of replacing committee members?
- 7** Are relatives of members of the selection committee, or of your officers, directors, or **substantial contributors** eligible for awards made under your program? If "Yes," what measures are taken to ensure unbiased selections? **Yes** **No**

Note. If you are a private foundation, you are not permitted to provide educational grants to **disqualified persons**. Disqualified persons include your substantial contributors and foundation managers and certain family members of disqualified persons.

Section II **Private foundations complete lines 1a through 4f of this section. Public charities do not complete this section.**

- 1a** If we determine that you are a private foundation, do you want this application to be considered as a request for advance approval of grant making procedures? **Yes** **No** **N/A**
- b** For which section(s) do you wish to be considered?
- 4945(g)(1)—Scholarship or fellowship grant to an individual for study at an educational institution
 - 4945(g)(3)—Other grants, including loans, to an individual for travel, study, or other similar purposes, to enhance a particular skill of the grantee or to produce a specific product
- 2** Do you represent that you will (1) arrange to receive and review grantee reports annually and upon completion of the purpose for which the grant was awarded, (2) investigate diversions of funds from their intended purposes, and (3) take all reasonable and appropriate steps to recover diverted funds, ensure other grant funds held by a grantee are used for their intended purposes, and withhold further payments to grantees until you obtain grantees' assurances that future diversions will not occur and that grantees will take extraordinary precautions to prevent future diversions from occurring? **Yes** **No**
- 3** Do you represent that you will maintain all records relating to individual grants, including information obtained to evaluate grantees, identify whether a grantee is a disqualified person, establish the amount and purpose of each grant, and establish that you undertook the supervision and investigation of grants described in line 2? **Yes** **No**

Schedule H. Organizations Providing Scholarships, Fellowships, Educational Loans, or Other Educational Grants to Individuals and Private Foundations Requesting Advance Approval of Individual Grant Procedures
(Continued)

Section II Private foundations complete lines 1a through 4f of this section. Public charities do not complete this section. (Continued)

- 4a** Do you or will you award scholarships, fellowships, and educational loans to attend an educational institution based on the status of an individual being an *employee of a particular employer*? If "Yes," complete lines 4b through 4f. **Yes** **No**
- b** Will you comply with the seven conditions and either the percentage tests or facts and circumstances test for scholarships, fellowships, and educational loans to attend an educational institution as set forth in Revenue Procedures 76-47, 1976-2 C.B. 670, and 80-39, 1980-2 C.B. 772, which apply to inducement, selection committee, eligibility requirements, objective basis of selection, employment, course of study, and other objectives? (See lines 4c, 4d, and 4e, regarding the percentage tests.) **Yes** **No**
- c** Do you or will you provide scholarships, fellowships, or educational loans to attend an educational institution to employees of a particular employer? **Yes** **No** **N/A**
If "Yes," will you award grants to 10% or fewer of the eligible applicants who were actually considered by the selection committee in selecting recipients of grants in that year as provided by Revenue Procedures 76-47 and 80-39? **Yes** **No**
- d** Do you provide scholarships, fellowships, or educational loans to attend an educational institution to children of employees of a particular employer? **Yes** **No** **N/A**
If "Yes," will you award grants to 25% or fewer of the eligible applicants who were actually considered by the selection committee in selecting recipients of grants in that year as provided by Revenue Procedures 76-47 and 80-39? If "No," go to line 4e. **Yes** **No**
- e** If you provide scholarships, fellowships, or educational loans to attend an educational institution to children of employees of a particular employer, will you award grants to 10% or fewer of the number of employees' children who can be shown to be eligible for grants (whether or not they submitted an application) in that year, as provided by Revenue Procedures 76-47 and 80-39? **Yes** **No** **N/A**
If "Yes," describe how you will determine who can be shown to be eligible for grants without submitting an application, such as by obtaining written statements or other information about the expectations of employees' children to attend an educational institution. If "No," go to line 4f.
- Note.** Statistical or sampling techniques are not acceptable. See Revenue Procedure 85-51, 1985-2 C.B. 717, for additional information.
- f** If you provide scholarships, fellowships, or educational loans to attend an educational institution to *children of employees of a particular employer* without regard to either the 25% limitation described in line 4d, or the 10% limitation described in line 4e, will you award grants based on facts and circumstances that demonstrate that the grants will not be considered compensation for past, present, or future services or otherwise provide a significant benefit to the particular employer? If "Yes," describe the facts and circumstances that you believe will demonstrate that the grants are neither compensatory nor a significant benefit to the particular employer. In your explanation, describe why you cannot satisfy either the 25% test described in line 4d or the 10% test described in line 4e. **Yes** **No**

Form 1023 Checklist


(Revised October 2004)

Application for Recognition of Exemption under Section 501(c)(3) of the Internal Revenue Code

Note. Retain a copy of the completed Form 1023 in your permanent records. Refer to the General Instructions regarding Public Inspection of approved applications.

Check each box to finish your application (Form 1023). Send this completed Checklist with your filled-in application. If you have not answered all the items below, your application may be returned to you as incomplete.

- Assemble the application and materials in this order:
- Form 1023 Checklist
 - Form 2848, *Power of Attorney and Declaration of Representative* (if filing)
 - Form 8821, *Tax Information Authorization* (if filing)
 - Expedite request (if requesting)
 - Application (Form 1023 and Schedules A through H, as required)
 - Articles of organization
 - Amendments to articles of organization in chronological order
 - Bylaws or other rules of operation and amendments
 - Documentation of nondiscriminatory policy for schools, as required by Schedule B
 - Form 5768, *Election/Revocation of Election by an Eligible Section 501(c)(3) Organization To Make Expenditures To Influence Legislation* (if filing)
 - All other attachments, including explanations, financial data, and printed materials or publications. Label each page with name and EIN.
- User fee payment placed in envelope on top of checklist. DO NOT STAPLE or otherwise attach your check or money order to your application. Instead, just place it in the envelope.
- Employer Identification Number (EIN)
- Completed Parts I through XI of the application, including any requested information and any required Schedules A through H.
- You must provide specific details about your past, present, and planned activities.
 - Generalizations or failure to answer questions in the Form 1023 application will prevent us from recognizing you as tax exempt.
 - Describe your purposes and proposed activities in specific easily understood terms.
 - Financial information should correspond with proposed activities.
- Schedules. Submit only those schedules that apply to you and check either "Yes" or "No" below.
- | | | | |
|------------|----------------|------------|----------------|
| Schedule A | Yes ___ No ___ | Schedule E | Yes ___ No ___ |
| Schedule B | Yes ___ No ___ | Schedule F | Yes ___ No ___ |
| Schedule C | Yes ___ No ___ | Schedule G | Yes ___ No ___ |
| Schedule D | Yes ___ No ___ | Schedule H | Yes ___ No ___ |

- An exact copy of your complete articles of organization (creating document). Absence of the proper purpose and dissolution clauses is the number one reason for delays in the issuance of determination letters. 
- Location of Purpose Clause from Part III, line 1 (Page, Article and Paragraph Number) _____
 - Location of Dissolution Clause from Part III, line 2b or 2c (Page, Article and Paragraph Number) or by operation of state law _____
- Signature of an officer, director, trustee, or other official who is authorized to sign the application.
- Signature at Part XI of Form 1023.
- Your name on the application must be the same as your legal name as it appears in your articles of organization.

Send completed Form 1023, user fee payment, and all other required information, to:

Internal Revenue Service
P.O. Box 192
Covington, KY 41012-0192

If you are using express mail or a delivery service, send Form 1023, user fee payment, and attachments to:

Internal Revenue Service
201 West Rivercenter Blvd.
Attn: Extracting Stop 312
Covington, KY 41011

The attached documents are submitted as supporting documentation for this application.

This attachment contains a copy of the original organizing document and a more legible true and correct copy.

ARTICLE OF INCORPORATION
OF
EAST VALLEY ASTRONOMY CLUB, INC.

ARTICLE I

The name of the corporation is EAST VALLEY ASTRONOMY CLUB, INC.

ARTICLE II

The purpose for which this nonprofit corporation is organized is the transaction of any or all lawful business for which a nonprofit corporation may be incorporated under the laws of the State of Arizona, as they may be amended from time to time.

ARTICLE III

The initial business of the nonprofit corporation shall be that of a hobby club dedicated to the advancement of amateur astronomy through the education of the community about the wonders of the universe.

ARTICLE IV

The name and address of the initial statutory agent of the nonprofit corporation is Robert A. Kelley, Jr., Esq., 8283 North Hayden Road, Suite 250, Scottsdale, Arizona, 85258.

ARTICLE V

The known place of business of the nonprofit corporation shall be that of its statutory agent.

ARTICLE VI

The number of persons to serve on the Board of Directors shall be fixed by the Bylaws except that the initial Board of Directors shall consist of three (3) directors. The persons who are to serve as Directors until their successors are elected and qualified are:

Robert Kerwin, 14026 N. Sussex Pl., Fountain Hills, Az. 85268

Sam Herchak, 145 S. Norfolk Cir., Mesa, Az. 85206

Tom Polakis, 121 W. Alameda Dr., Tempe, Az. 85282

ARTICLE VII

The incorporator of the nonprofit corporation is:

Sam Herchak, 145 S. Norfolk Cir., Mesa, Az. 85206

All powers, duties and responsibilities of the incorporator shall cease at the time of delivery of these Articles of Incorporation to the Arizona Corporation Commission for filing.

ARTICLE VIII

No director of the nonprofit corporation shall be personally liable to the nonprofit corporation or its members for monetary damages except as provided by law.

ARTICLE IX

The private property of the Incorporator, Members, Directors, Officers, Employees and/or Agents of the nonprofit corporation shall be forever exempt from all Corporate debts of any kind.

IN WITNESS WHEREOF, I have hereunto set my hand this 14th day of June, 1995.

<signature of Sam Herchak>

I certify that this document is a true and correct copy of the original Articles of Incorporation for East Valley Astronomy Club, Inc. that is on file with the Arizona Corporation Commission, filed in June 1995.

_____ **Date:** _____

Name: Steven Aggas

Title: President

ARTICLES OF AMENDMENT
OF

East Valley Astronomy Club, Inc.

1. The name of the corporation is East Valley Astronomy Club, Inc.
2. Attached hereto as Exhibit A is the text of each amendment adopted.
3. The amendments were adopted the 5th day of August, 2005.
4. The amendments were adopted by act of the board of directors, and with approval, in writing, by the person or persons so specified in the corporation's Articles of Incorporation or bylaws.

DATED as of this 5th day of August, 2005.

East Valley Astronomy Club, Inc.

Steven Aggas President

I certify that this document is a true and correct copy of the amended Articles of Incorporation for East Valley Astronomy Club, Inc. that is on file with the Arizona Corporation Commission, filed in August 2005.

_____ **Date:** _____

Name: Steven Aggas
Title: President

EXHIBIT A

Amendments to the Articles of Incorporation East Valley Astronomy Club, Inc.

Pursuant to the laws of the State of Arizona, this document is submitted to amend the Articles of Incorporation originally filed on June 19th, 1995:

ARTICLE II. PURPOSE:

The purpose for which this corporation is organized is the transaction of any and all business for which nonprofit corporations may be incorporated under the laws of the State of Arizona, and may be amended periodically, except that said corporation is organized exclusively for educational purposes within the meaning of Section 501(c)(3) of the Internal Revenue Code of 1986, or the corresponding provisions of any future United States Internal Revenue Laws.

ARTICLE III. CHARACTER OF AFFAIRS:

The specific purpose for which this corporation is organized and intends actually to engage in this State, which shall not limit the character of the exempt activities which this corporation may ultimately conduct, are as follows: The East Valley Astronomy Club shall support education in astronomy and related sciences. The club shall present regular lectures on astronomy and related topics, provide instruction in the proper care and usage amateur astronomy equipment, conduct public star parties, and encourage its members in research efforts and their pursuit of recognition by other astronomical organizations, within the meaning of Section 501(c)(3) of the Internal Revenue Code of 1986, including for such purposes, the making of distributions to organizations that qualify as exempt organizations under said Section 501(c)(3), or the corresponding provisions of any future United States Internal Revenue Laws.

ARTICLE V. PRINCIPAL (REGISTERED) OFFICE:

The principal (registered) office of this corporation is to be located at:

East Valley Astronomy Club, Inc.

P.O. Box 2202

Mesa, Arizona 85214-2202

in the city of Mesa, County of Maricopa, State of Arizona, and may transact its business and maintain offices for such purposes at such other places either within or without this state.

ARTICLE VIII. DIRECTOR'S LIABILITY:

No director of this corporation shall be personally liable to the corporation for monetary damages for breach of fiduciary duty as a director; provided, however, that this article shall not be construed as eliminating or limiting the liability of a director for one or more of the following acts, namely (1) A breach of duty of loyalty to the corporation, (2) Any acts or omissions which are not in good faith or which involve intentional misconduct or a knowing violation of the law, (3) The authorizing of an unlawful payment or distribution out of the corporate assets, (4) Any transaction made in the furtherance of the exempt purposes of the corporation which the director derived an improper personal benefit, or

(5) Any act or acts that can be defined under the laws of this State as 'Director Conflicts Of Interest'.

ARTICLE IX. PRIVATE PROPERTY:

The private property of the directors, members, officers, employees and agents of the corporation shall be forever exempt from any and all debts of every kind and nature incurred by the corporation, and as authorized by the laws of this State.

ARTICLE X. CORPORATE PROPERTY:

The property of this corporation is irrevocably dedicated to charitable purposes and no part of the net income or assets of this corporation shall ever inure to the benefit of any director, officer or member thereof or to the benefit of any private person. Upon the dissolution or winding up of the corporation, its assets remaining after payment, or provision for payment, of all debts and liabilities of this corporation shall be distributed to a nonprofit fund, foundation or corporation which is organized and operated exclusively for charitable purposes and which has established its tax exempt status under Section 501(c)(3) of the Internal Revenue Code.

ARTICLE XI. LIMITATIONS:

No part of the net earnings of the corporation shall inure to the benefit of, or be distributable to, its members, trustees, officers, or other private persons, except that the corporation shall be authorized and empowered to pay reasonable compensation for services rendered and to make payments and distributions in the furtherance of the purposes set forth in the articles hereof. No substantial part of the activities of the corporation shall be the carrying on of propaganda, or otherwise attempting to influence legislation, and the corporation shall not participate in, or intervene in (including the publishing or distribution of statements), any political campaigns on behalf of any candidate for public office. Notwithstanding any other provision of these articles, this corporation shall not, except to an insubstantial degree, engage in any activities (a) by a corporation exempt from Federal Income Tax under Section 501(c)(3) of the Internal Revenue Code of 1986, or (b) the corresponding provisions of any future United States Internal Revenue Laws.

ARTICLE XII. DISSOLUTION:

Upon the dissolution of this corporation, the Board of Directors shall, after paying or making provisions for the payment of all of the liabilities of the corporation, dispose of all its assets exclusively for the purposes of the corporation in such a manner, to such organization organized and operated exclusively for charitable, educational, religious purposes under the meaning of Section 501 (c)(3) of the Internal Revenue Code, or corresponding Section of any future Federal Tax Code, as the Board of Directors shall determine. Any such assets not so disposed of shall be disposed of by the Superior Court in the County where the principal office of the corporation is then located, exclusively for such purposes or to such organizations as said Court shall determine which are organized and operated exclusively for such purposes.

ARTICLE XIII. INDEMNIFICATION:

The corporation shall indemnify every director, officer, employee and agent, or his or her heirs, executors and administrators against expenses reasonably incurred by him or her in connection with any action, suit or proceedings to which he or she may be a party

by reason of his or her being, or having been, a director, officer, employee or agent of the corporation, except in relation to those matters which he or she shall be adjudicated to be liable for negligence or misconduct. In the event of a settlement, indemnification shall be provided only in connection with such matter covered by the settlement as to which the indemnification shall not be exclusive of other rights to which he or she may be entitled. As used in this ARTICLE, expenses shall include amounts of judgments, penalties or fines rendered or levied against such director, officer, employee or agent, and the amounts paid in settlement by him or her shall have been first approved by the directors of this corporation. The power of indemnification under the Arizona Revised Statutes shall not be denied or limited by the Bylaws or these articles.

ARTICLE XIV. DISCRIMINATION:

The corporation will not practice or permit discrimination on the basis of gender, age, race, national origin, religion, or physical handicap or disability.

ARTICLE XV. ANNUAL MEETING:

The board of directors shall meet at least once during each fiscal year at a place either within or without this State as fixed by the Bylaws.

ARTICLE XVI. DURATION:

The existence of this corporation shall be perpetual unless sooner terminated as provided for by law.

ARTICLE XVII. MEMBERSHIP PROVISIONS:

The corporation shall have classes of members. The designation of the class of members, qualifications thereof, and all rights, privileges and powers vested and reserved to members shall be fixed by the Bylaws. The right of members, or classes of members to vote, may be limited, enlarged or denied to the extent provided in the Bylaws and unless so limited, enlarged or denied each member, regardless of class, shall be entitled to one vote on each matter submitted to a vote of the members.

ARTICLE XVIII. FISCAL YEAR:

The fiscal year of the corporation shall end on December 31 of each year.

I certify that this document is a true and correct copy of the amended Articles of Incorporation for East Valley Astronomy Club, Inc. that is on file with the Arizona Corporation Commission, filed in August 2005.

_____ **Date:** _____

**Name: Steven Aggas
Title: President**

Constitution and Bylaws of the East Valley Astronomy Club, Inc.

Adopted June 1995 and amended August 2005

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Article I: Name of the Organization

The name of this organization shall be the East Valley Astronomy Club, Inc. In these bylaws, the acronym "EVAC" shall stand for the East Valley Astronomy Club, Inc.

Article II: Purpose of the Organization

The purpose of this organization shall be to further the education of its members and the public in astronomy and related physical sciences by:

- A. Conducting public lecture programs, public field seminars in astronomical observing practice, and public instruction in astronomical telescope construction;
- B. Promoting fellowship among and providing the means for exchanging scientific information between individuals having a common interest in astronomy;
- C. Promoting organized scientific research and related activities among its members;
- D. Developing and maintaining a free lending library of scientific information and educational material for the use of its members. All items purchased by the club, and under the supervision of the Properties Director, shall be made available for use by its members. The Properties Director shall also oversee the mechanism for lending and maintaining such equipment.

Article III: Business Activities of the Organization

This organization is one that does not contemplate financial gain or profit to the members thereof and is organized solely for nonprofit purposes. The following issues of the organization shall be by consent of a majority of the voting members in attendance at any general or special meeting held to vote upon the matter:

- A. Acquiring or disposing of right, title, or interest in property with a valuation in excess of \$250.00;
- B. Incurring financial obligations in excess of the organization's capacity to pay from current dues or yearly revenues, or from accumulated surplus reserves that are left over from previous years;

C. Amending, adopting or repealing the articles of the Constitution and Bylaws;

D. Dissolution of the organization when such action is taken and after paying or adequately providing for the debts and obligations of the organization, the remaining assets shall be distributed to a nonprofit fund, foundation or corporation that is organized exclusively for educational and/or scientific purposes and which has established its tax-exempt status.

Article IV: Membership

A. Membership in the organization:

1. Any person who is willing to subscribe to the articles of the Constitution and Bylaws of this organization shall be qualified for membership subject to the governing bylaws and conditions specified therein.

2. There shall be no limit to the total number of members.

B. Application for members.

1. Application for membership shall be made to the Treasurer.

2. No application will be accepted unless accompanied by all dues applicable.

C. Classification of membership.

1. Classification of membership shall be:

Classification / Dues / Voting Privileges

Regular / Current annual dues / Yes

Lifetime / Current annual dues x10* / Yes

Charter / Current annual dues / Yes

Honorary / None / No

**paid at one time only*

2. Special and Honorary Memberships are as follows:

Charter: Special recognition of all members present and accounted for at the first general meeting upon the club's formation in 1987, which shall consist of inclusion in a published list of charter members, and the authority to cite said status in club literature or name badges.

Honorary: By approval of a majority of the membership in attendance at any general or special meeting held to vote upon the matter, a person or organization that has made an outstanding contribution to the science of astronomy (or related fields) or to the organization may be awarded an honorary membership; a classification that provides for recognition and club benefits, but with restricted services and privileges as a member.

Honorary members shall have their names included in a published list.

3. Members-in-good-standing shall be any individual accepted for membership and whose dues have been paid for the current year.

Article V: Form of Government

A. Form of Government:

The government of this organization shall be invested in an Executive Panel, a Board of Directors, and a General Assembly of all members with respective powers as defined in the Constitution and Bylaws.

1. The Executive Panel shall consist of the Executive Officers and the Administrative Officers.
2. The Board of Directors shall consist of five (5) members in good standing.
3. Four (4) executive officers, at least two (2) administrative officers, along with at least two (2) members from the Board of Directors (selected by said Board of Directors), shall be in charge of the supervision and conduct of all business of this organization, to raise funds in any manner not inconsistent with policy established in the bylaws, to recommend amendments to this constitution, and perform all other functions, incident to the proper conduct of this organization.
4. The General Assembly shall consist of all members whose dues are paid for the fiscal period, or prorated portion thereof, regardless of their membership classification, with the exception of honorary members. The body shall be presided over by the President and shall have invested in it the power to amend this constitution, to establish the amount of dues and monetary policy of the organization, and to approve or disapprove by simple majority of members in attendance at the meeting upon which the issue in question is voted upon, the actions of the Board of Directors.

B. Executive Officers

1. Executive Officers:

The four (4) elected executive officers of this organization shall be:

President
Vice-President
Secretary
Treasurer

C. Administrative Officers

1. Administrative Officers:

The five (5) administrative offices of this organization shall be:

Properties Director
Events Coordinator
Newsletter Editor
Webmaster
Observatory Manager

The administrative officer positions are not subject to the term limits imposed on the Executive Officers and the Board of Directors. These positions are appointed by a majority vote of the governing body. Each position carries an annual commitment, and may be occupied by the same individual for any number of years.

D. Board of Directors:

1. A body of five (5) Board Members shall be elected in accordance with the Constitution and Bylaws.

E. Observatory Manager:

1. The Observatory Manager will be voted in at the November elections and carry no term limit.
2. The Observatory Manager will be picked by the President and ratified by the Board of Directors.

F. Executive Officers and Board Members -Tenure of Office and Elections

1. Qualifications:

They shall be members-in-good-standing.

2. Period of office:

Officers and Board Members shall serve a period of one (1) year and/or until their successors are elected. No member shall be eligible for more than two (2) consecutive terms in the same office.

3. Nominations:

Nominations for Officer or Board positions shall be opened at the October general meeting and shall be publicized in the club newsletter and on the club website prior to the November general meeting. Nominations will be closed with the start of elections at the November general meeting.

Any member may nominate another member-in-good-standing for office, provided prior consent of the nominee has been given. The Secretary and/or Treasurer shall validate qualification of the nominees.

4. Elections:

Officers and Board Members shall be elected by a simple majority of the General Assembly present at the November general meeting. Voting will be done by secret ballot. Single nominees for office may be affirmed to the position by a majority "yes" vote taken by a show of hands. All ballots, if any, shall be saved until the installation of officers at the January general meeting, and a committee of volunteers will do the ballot counting. In the case of a tie, a special run-off election at the December general meeting shall determine the election.

The position of any Officer or Board Member who is absent from three (3) successive, or six (6) total annual, general meetings and/or board meetings shall be automatically declared vacant unless the Board excuses such absences.

A vacancy occurring in any office shall be filled by a majority vote of the members present at the next general meeting. Notice of such election shall be presented to the membership at least one week prior to the special election by way of e-mail and website publication.

A special officer may be appointed by the Board of Directors for a specific task, subject to approval by the General Assembly. Such special officer may be appointed for any task of special interest to the organization. Their term of office shall be for a specified time, in no case to exceed one year.

5. Duties of the Officers:

a. Duties of the President shall be:

The President will ensure that the other officers of the organization conduct their offices properly. S/he will also provide the leadership necessary to maintain a smooth-running organization.

S/he will preside at all general meetings of the General Assembly and the Board of Directors. Pursuant to these duties, s/he shall be responsible for finding a suitable meeting place whether for General or Special Meetings.

At a Board of Directors Meeting, s/he shall vote only for the purpose of casting a deciding vote in case of a tie.

S/he will propose club policies and goals to be approved and implemented by the Board of Directors. S/he will be one of two (2) officers (the other being the Treasurer) with check signing duties and privileges. Committee chairmen will be accountable to the President. S/he shall, with the Treasurer and/or the Secretary (as appropriate), and under the authorization of the Board of Directors, execute all legal documents In the name of the organization.

b. Duties of the Vice President shall be:

The Vice President shall serve in the President's place, in the event the President is absent or unable to serve for any reason.

S/he will be in charge of club programs and both general club publicity and program publicity. S/he will be the one to whom other board members report the lines of communications between the President and the Board.

S/he shall serve as chairman of the program and activities committee and shall, in the execution of this duty, be responsible for coordinating and scheduling the general meetings and the program agenda.

c. Duties of the Secretary shall be:

The Secretary will be custodian of all official documents and records of the organization, and shall, with the President when properly authorized, execute all legal documents in the name of the organization, and shall perform other duties delegated to her/him:

S/he shall record the minutes of all meetings of the General Assembly and the Board of Directors and shall, at the direction of the President, read back all pertinent minutes of all meetings of the General Assembly and Board of Directors occurring from the time of the last regular business meeting.

S/he will be official correspondent with other clubs, organizations, etc. S/he will be responsible, or appoint responsibility for, the publication of the club newsletter.

d. Duties of the Treasurer shall be:

The Treasurer will be responsible for presenting a proposed budget by the January meeting; will be in charge of ways and means; will handle club capital, checking account and may sign checks; will collect membership dues, process subscriptions and provide an official membership list for publication; will be in charge of membership application forms and club information sheets. The Treasurer will provide income and expense data to the President whenever requested, or at least three times during the year.

e. Duties of the Properties Director shall be:

The Properties Director will be in charge of all properties including the club library and club instruments.

f. Other:

All Officers who serve as Administrative Officers, Directors, Committee Chairmen, or Committee Members shall be required to attend all appropriate meetings when scheduled by the organization. When unable to attend, a member may appoint another voting member to attend the meeting in her/his place.

All Officers will have the authority to appoint Committee Chairmen as they deem necessary to delegate those responsibilities they so choose to delegate. All Committee Chairmen will have the authority and power to select Committee Members.

Special committees may be formed from time to time to accomplish specific tasks.

Such special committees may be formed by the action of the President or the Board of Directors, or by a motion from the membership at a general meeting.

Such committees shall be dissolved upon completion of the assigned task or upon a motion from the membership. The Chairperson and the members of any standing or special committee may have their appointments revoked by the Board of Directors for proper cause.

Article VI: Expulsion of Members and Impeachment of Elected Officers

A. A member may be dropped from the East Valley Astronomy Club, Inc. for non-payment of dues.

A member may be expelled from the East Valley Astronomy Club, Inc. for any of the following reasons:

Willful misuse of organization property.

Willful disregard for her/his own safety or the safety of others while on organization sponsored activities.

Conduct detrimental to the East Valley Astronomy Club, Inc.

B. Any member subject to expulsion will be granted a hearing before the Board of Directors prior to such expulsion. Failure of the member to attend the hearing (without having been excused by a majority of the Board of Directors in their sole discretion) shall be grounds for automatic expulsion without any further rights to a hearing.

C. Elected Officers, Committee Chairmen, and all special officers may be impeached and removed from office for any of the above reasons or for misconduct or neglect of duty while in office.

1. Any Officer subject to impeachment will be granted a hearing before the executive committee but impeachment and removal from office can only be made by a two-thirds (2/3) vote of the General Assembly then in attendance at the meeting at which such vote is taken.

Article VII: Meetings

A. General meetings shall be held once every month.

B. Board of Directors shall meet at least once every six (6) months, predicated upon the need to process club business.

C. Quorum and order of business:

The General Assembly shall establish their own rules of procedure except as provided for in the Constitution and Bylaws.

A minimum of five (5) voting members and three members of the Board of Directors are required to conduct business.

Election of officers, an amendment to this Constitution, or a matter of expulsion or impeachment will be given priority over all other orders of business.

Any matter requiring a vote carried over into a subsequent meeting will receive priority of business at that meeting.

Article VIII: Moneys and Properties

A. Moneys

1. Moneys will be kept in an account or accounts accessible by only two (2) signers:

- a. The President and

- b. Treasurer

2. The Treasurer shall be responsible for keeping these moneys in an account and shall make periodic reports of account balances.

3. All moneys will be used in accordance with Article II.

4. All expenditures in excess of \$750.00 will require the signatures of both the President and the Treasurer.

B. Dues.

1. A schedule of annual dues prepared by the Treasurer and accepted by the Board of Directors shall be attached to this Constitution. This schedule will be reviewed for possible revision at the end of each fiscal year by the Treasurer, or at any other time that is deemed necessary by the Board of Directors or a majority of the General Assembly.

2. Annual dues shall become due and payable at the beginning of the fiscal year. New members joining at other times will be charged on a prorated basis based on the quarter the application is accepted as shown:

Fiscal Quarter Percent Payable

First 100%

Second 75%

Third 50%

Fourth 125%*

**Includes the current fourth quarter plus the following year.*

3. Any member whose dues are delinquent for more than ninety days shall be automatically terminated from membership.

4. Any dues in excess of the regular membership fee shall constitute an optional contribution in support of the activities of the East Valley Astronomy Club, Inc.

5. Board Members and Officers are not required to pay annual dues during any year in which they hold office.

C. Properties.

1. All properties will be acquired and maintained for the benefit of the majority of the membership.

D. Gifts.

1. Gifts shall be used at the discretion of the organization unless its donor has designated a specific purpose for the gift.

Article IX: Library and Publications

A. The East Valley Astronomy Club, Inc. shall, if possible, maintain a file of charts, books, photographs, organizational reports, newsletters, special reports, and technical publications.

B. There shall be issued monthly, a general newsletter that shall be prepared under the direction of the Newsletter Coordinator and Newsletter Editor.

Article X: Amendments

A. Proposed amendments to the Constitution and Bylaws must be submitted to the General Assembly in writing and, prior to submission, be signed by one-fourth (1/4) of the voting members then in attendance at the meeting in which the proposed amendment(s) is submitted.

B. This Constitution shall be amended only by consent of a majority of the voting membership at a regular general meeting. Any amendment so passed shall take effect immediately unless otherwise stated in the amendment.

C. Copies of approved amendments or a corrected copy of the Bylaws and Constitution shall be printed and distributed to all members requesting them.

Article XI: Club Emblem and Motto

A. The official emblem of the East Valley Astronomy Club, Inc. was designed on July 15, 1987 by Paul Bingham, and shall consist of a circular design as shown below:



Form 1023
Part I: Identification of Applicant
Question 10 – Explanation

East Valley Astronomy Club, Inc. is requesting to be excused from filing Form 990 or Form 990-EZ as indicated by a YES answer to this question.

According to the instructions for Form 990 and Form 990-EZ, General Instruction B Organizations Not Required To File, Line 15: An organization whose annual gross receipts are normally \$25,000 or less is not required to file.

East Valley Astronomy Club, Inc. would qualify according to the guidelines specified for calculating gross receipts on Line 15.a.iii, in that the organization is three years old or more and averaged \$25,000 or less in gross receipts for the immediately preceding three tax years. Our average annual gross receipts for this time period were \$10,395.

Form 1023

Part IV: Compensation and Other Financial Arrangements With Your
Officers, Directors, Trustees, Employees, and Independent Contractors

Question 5a – Explanation

East Valley Astronomy Club, Inc. has a Conflict of Interest Policy, a copy of which is included in this application. The Conflict of Interest Policy was adopted by resolution of our governing board.

East Valley Astronomy Club, Inc.
Conflict of Interest Policy

Article I

Purpose

The purpose of the conflict of interest policy is to protect this tax-exempt organization's (East Valley Astronomy Club) interest when it is contemplating entering into a transaction or arrangement that might benefit the private interest of an officer or director of the East Valley Astronomy Club or might result in a possible excess benefit transaction. This policy is intended to supplement but not replace any applicable state and federal laws governing conflict of interest applicable to nonprofit and charitable organizations.

Article II

Definitions

1. Interested Person

Any director, principal officer, or member of a committee with governing board delegated powers, who has a direct or indirect financial interest, as defined below, is an interested person.

2. Financial Interest

A person has a financial interest if the person has, directly or indirectly, through business, investment, or family:

- a. An ownership or investment interest in any entity with which the East Valley Astronomy Club has a transaction or arrangement,
- b. A compensation arrangement with the East Valley Astronomy Club or with any entity or individual with which the East Valley Astronomy Club has a transaction or arrangement, or
- c. A potential ownership or investment interest in, or compensation arrangement with, any entity or individual with which the East Valley Astronomy Club is negotiating a transaction or arrangement.

Compensation includes direct and indirect remuneration as well as gifts or favors that are not insubstantial.

A financial interest is not necessarily a conflict of interest. Under Article III, Section 2, a person who has a financial interest may have a conflict of interest only if the appropriate governing board or committee decides that a conflict of interest exists.

Article III

Procedures

1. Duty to Disclose

In connection with any actual or possible conflict of interest, an interested person must disclose the existence of the financial interest and be given the opportunity to disclose all material facts to the directors and members of committees with governing board delegated powers considering the proposed transaction or arrangement.

2. Determining Whether a Conflict of Interest Exists

After disclosure of the financial interest and all material facts, and after any discussion with the interested person, he/she shall leave the governing board or committee meeting

while the determination of a conflict of interest is discussed and voted upon. The remaining board or committee members shall decide if a conflict of interest exists.

3. Procedures for Addressing the Conflict of Interest

- a. An interested person may make a presentation at the governing board or committee meeting, but after the presentation, he/she shall leave the meeting during the discussion of, and the vote on, the transaction or arrangement involving the possible conflict of interest.
- b. The chairperson of the governing board or committee shall, if appropriate, appoint a disinterested person or committee to investigate alternatives to the proposed transaction or arrangement.
- c. After exercising due diligence, the governing board or committee shall determine whether the East Valley Astronomy Club can obtain with reasonable efforts a more advantageous transaction or arrangement from a person or entity that would not give rise to a conflict of interest.
- d. If a more advantageous transaction or arrangement is not reasonably possible under circumstances not producing a conflict of interest, the governing board or committee shall determine by a majority vote of the disinterested directors whether the transaction or arrangement is in the East Valley Astronomy Club's best interest, for its own benefit, and whether it is fair and reasonable. In conformity with the above determination it shall make its decision as to whether to enter into the transaction or arrangement.

4. Violations of the Conflicts of Interest Policy

- a. If the governing board or committee has reasonable cause to believe a member has failed to disclose actual or possible conflicts of interest, it shall inform the member of the basis for such belief and afford the member an opportunity to explain the alleged failure to disclose.
- b. If, after hearing the member's response and after making further investigation as warranted by the circumstances, the governing board or committee determines the member has failed to disclose an actual or possible conflict of interest, it shall take appropriate disciplinary and corrective action.

Article IV

Records of Proceedings

The minutes of the governing board and all committees with board delegated powers shall contain:

- a. The names of the persons who disclosed or otherwise were found to have a financial interest in connection with an actual or possible conflict of interest, the nature of the financial interest, any action taken to determine whether a conflict of interest was present, and the governing board's or committee's decision as to whether a conflict of interest in fact existed.
- b. The names of the persons who were present for discussions and votes relating to the transaction or arrangement, the content of the discussion, including any alternatives to the proposed transaction or arrangement, and a record of any votes taken in connection with the proceedings.

Article V
Compensation

- a. A voting member of the governing board who receives compensation, directly or indirectly, from the East Valley Astronomy Club for services is precluded from voting on matters pertaining to that member's compensation.
- b. A voting member of any committee whose jurisdiction includes compensation matters and who receives compensation, directly or indirectly, from the East Valley Astronomy Club for services is precluded from voting on matters pertaining to that member's compensation.
- c. No voting member of the governing board or any committee whose jurisdiction includes compensation matters and who receives compensation, directly or indirectly, from the East Valley Astronomy Club, either individually or collectively, is prohibited from providing information to any committee regarding compensation.

Article VI
Annual Statements

Each director, principal officer and member of a committee with governing board delegated powers shall annually sign a statement which affirms such person:

- a. Has received a copy of the conflicts of interest policy,
- b. Has read and understands the policy,
- c. Has agreed to comply with the policy, and
- d. Understands the East Valley Astronomy Club is charitable and in order to maintain its federal tax exemption it must engage primarily in activities which accomplish one or more of its tax-exempt purposes.

Article VII
Periodic Reviews

To ensure the East Valley Astronomy Club operates in a manner consistent with charitable purposes and does not engage in activities that could jeopardize its tax-exempt status, periodic reviews shall be conducted. The periodic reviews shall, at a minimum, include the following subjects:

- a. Whether compensation arrangements and benefits are reasonable, based on competent survey information and the result of arm's length bargaining.
- b. Whether partnerships, joint ventures, and arrangements with management organizations conform to the East Valley Astronomy Club's written policies, are properly recorded, reflect reasonable investment or payments for goods and services, further charitable purposes and do not result in inurement, impermissible private benefit or in an excess benefit transaction.

Article VIII
Use of Outside Experts

When conducting the periodic reviews as provided for in Article VII, the East Valley Astronomy Club may, but need not, use outside advisors. If outside experts are used, their

use shall not relieve the governing board of its responsibility for ensuring periodic reviews are conducted.

Form 1023

Part IV: Narrative Description of Your Activities

East Valley Astronomy Club, Inc. (EVAC) engages in numerous activities in fulfillment of our stated purpose. These activities are of a continuous nature, in that they have occurred in the past, they are scheduled presently, and they will continue in the future. In support of this document a copy of the January 2006 issue of our newsletter, The Voyager, is included with our application.

Public Star Party

The Public Star Party event is held on the second Friday of each month in the parking lot of Water Ranch, a 110-acre riparian preserve in Gilbert, Arizona. The event begins at dusk and generally concludes by 10:00 pm, and is open to the general public without charge for admission. Attendees have the opportunity to interface with amateur astronomers, ask questions, and observe through various telescopes. The telescopes are provided by the members of EVAC, and each telescope is operated by its owner. This event serves to provide an educational experience to all members of the community, many of which have never looked through a telescope previously. The personalized educational experience offered to the attendee is not available elsewhere; for example it could not be accommodated on a tour of an observatory. The club incurs no direct expense for this event as the telescopes are manned by volunteer club members and use of the facility is granted by the Riparian Institute without charge. This event will be relocated to the Riparian-Rotary Observatory, also located at the Water Ranch site, when it is completed later this year.

General Meeting

The EVAC general meeting, facilitated by the club president, is currently scheduled on the third Friday of each month, beginning at 7:30 pm at the Southeast Regional Library located at 775 N. Greenfield Road in Gilbert, Arizona. Up until mid-year 2005, EVAC had held its monthly meeting on the campus of Scottsdale Community College, in Scottsdale, Arizona. While at the college site the meetings were held on the second Wednesday of each month.

The meeting provides an opportunity for attendees to discover and investigate EVAC, learn about upcoming club events and listen to presentations by professional and well-known amateur astronomers. The meeting also serves as a vehicle through which the club may attract new members. A typical meeting begins with introductions and a brief discussion of club business, including upcoming events. Recognition and a couple of short presentations by EVAC members follow. Refreshments are served during a short intermission. The guest speaker then gives a 1-hour presentation. The meetings are open to members and visitors alike. The monthly meeting offers an educational opportunity to all in attendance. In support of this statement, a list of past speakers is included with this application. The meeting expenses are paid by the club treasurer from our bank account. The largest expense associated with the meeting was eliminated when the club moved this event from Scottsdale Community College to the Southeast Regional Library in 2005. The club had to rent the meeting room at the college and is now allowed use of a meeting room at the library free of charge. The club pays an honorarium to each guest

speaker: \$50 if they are local and \$75 if they have traveled from outside of the metro-Phoenix area. Once each year the club brings in a nationally-known speaker. The expenses for this meeting include transportation and lodging. Additionally, the club provides free soft drinks and cookies during the intermission.

Website

While not generally considered an activity, the club's website has been included here because it is an integral part of our educational efforts. It is always available and it serves the international community. The website serves to support all of our other activities as a vehicle for communication, but it also offers content that supports our defined purposes. EVAC also hosts a subscription-based email list that is freely available to anyone. The expenses related to the website and email list include the hosting expenses and domain name registration. Incidentally, our webhost (CrystalTech) will grant us a 50% reduction in fees if we obtain tax-exempt status. Various screen captures from our website are included in this application as supporting documents.

Local Star Party

Each month EVAC hosts an event named the Local Star Party. This name arises from the fact that the location of this event is somewhat local to the club. This event, while intended for members, is also open to anyone willing to drive out to the site. It presents attendees with the opportunity to attend a star party under darker skies than can be had in town. With darker skies comes the ability to see more stars and to generally have a much better experience observing deep sky objects. This event begins at dusk and can last until dawn, although it is usually over once the third-quarter Moon rises. The event is held on the Saturday closest to last-quarter Moon in an overflow parking lot at Boyce Thompson Arboretum State Park near Superior, Arizona. Members usually bring a telescope, although they are not required to do so. For those non-member attendees with more than just a passing interest in astronomy, this event offers the opportunity to view objects such as galaxies that would not be visible from the city. The club does not incur any direct expense for this activity as use of the facility is granted by the park staff.

Deep Sky Star Party

Each month EVAC hosts an event named the Deep Sky Star Party. This name arises from the fact that the location of this event is somewhat remote, thereby enabling attendees to observe deeper into the night sky. This event, while intended for members, is also open to anyone willing to drive out to the site. It presents attendees with the opportunity to attend a star party under much darker skies than can be had in town, and darker than those at the Local Star Party. This event begins at dusk and usually lasts until dawn. The event is held on the Saturday closest to new Moon in a remote desert location approximately 60 miles southwest of Phoenix, Arizona. Members usually bring a telescope, although they are not required to do so. The club does not incur any direct expense for this activity.

Beginner's Labs

Once each quarter (four times each year) EVAC conducts a workshop specifically tailored to the needs of those who have just acquired their first telescope, or those that are contemplating doing so. Attendance is open to anyone and there is no charge. The

workshop is held at the same location as the Public Star Party, the parking lot at Water Ranch. The workshop is staffed by volunteer club members armed with knowledge and all of the hand tools usually required in maintaining (and even repairing) telescopes. The club incurs no direct expense for this activity.

Friends of the Arboretum Star Party

Twice each year, once in the spring and again in the fall, EVAC hosts this activity. The location is the same overflow parking lot at Boyce Thompson Arboretum State Park. This event is very well attended, sometimes drawing up to 400 participants. The attendees are those people who are either members of the arboretum or who have made donations to the arboretum. The benefits to those attending are identical to those provided by the Local Star Party. The club incurs no expense for this activity.

Adopt-A-Highway Program

The Adopt a Highway Volunteer Program is a national litter awareness program where groups volunteer to pick up litter off of Arizona's freeways and highways. Each year more than 1700 groups participate in removing litter on Arizona's highways saving approximately \$1,800,000 in taxpayer money. EVAC maintains a one-mile stretch of US Route 60 near Florence Junction, Arizona. This particular section of highway was chosen because it is situated in close proximity to the site of our Local Star Party. This activity is conducted twice each year, in the spring and the fall. Volunteer club members participate in this activity. The club funds a luncheon to show its appreciation to those members who participate. While this activity doesn't directly further our exempt purposes, it does demonstrate our commitment to being a valuable community resource.

Astronomy Day

Astronomy Day is a grass roots movement designed to share the joy of astronomy with the general public. On Astronomy Day, thousands of people who have never looked through a telescope will have an opportunity to see first hand what has so many amateur and professional astronomers all excited. Astronomy clubs, science museums, observatories, universities, planetariums, laboratories, libraries, and nature centers host special events and activities to acquaint their communities with local astronomical resources and facilities. In the past we have joined in the activities at the Arizona Science Center in downtown Phoenix, Arizona. In 2005 the EVAC Astronomy Day activity was held at Desert Breeze Park in Chandler, Arizona. The location for the 2006 activity (May 6) has not yet been finalized, but it most surely be held at a public park. The participants are volunteer club members who bring telescopes, binoculars and literature of interest to attendees. Since the event begins during daylight hours, there are usually static displays of various astronomical topics (e.g. various NASA space missions). Attendees are also available to safely view the sun through a telescope in both white light and a narrow wavelength of the visible spectrum (hydrogen alpha).

Riparian-Rotary Observatory

Construction of an observatory will soon begin on the property of the Riparian Preserve at Water Ranch in Gilbert, Arizona. For the past eighteen months volunteer members of the club have participated on an observatory advisory committee initiated by the Riparian

Institute. The function of the committee has been to offer knowledgeable advice on all aspects of the observatory project. Once the observatory is built, a volunteer operating staff will be provided by EVAC. In addition to operating the facility, the staff will participate in developing the curriculum for the observatory.

All-Arizona Star Party

Once each fall EVAC hosts the All-Arizona Star Party at Farnsworth Ranch, a remote desert site approximately 35 miles southwest of Casa Grande, Arizona. This star party is usually attended by about 150 observers from Arizona and surrounding states. We have had attendees in the past from Canada and Europe. The event is advertised in both *Astronomy* and *Sky & Telescope* magazines well in advance of the event. The 2006 event is scheduled for October 21. Anyone willing to make the trip to the site is welcome to attend, free of charge. EVAC hosts a hospitality tent offering shade and cool water during the daylight hours. The club also provides portable restroom facilities. In a departure from past events, the club is going to ask for an optional \$5 donation from attendees to help with the expenses.

Miscellaneous Activities

EVAC participates in numerous school science fairs each year, as requested. The club also provides, to the extent possible, private star parties for any school, group or organization making such a request. On average we probably have 50 such activities each year. Included with this application is a screen capture from the EVAC website of the online form used to submit such requests. The club also conducts 'special events', such as the Mars observing sessions of last fall. On six consecutive Friday evenings (beginning on October 28 and ending on December 9) club members set up their telescopes at the Water Ranch site so that the general public could have a look at the red planet during the 2005 apparition. Special events usually involve some astronomical phenomenon: a bright comet that is visible, meteor showers, planetary phenomena, etc. These activities allow attendees to make a connection between what they already know (or have recently discovered) about the event, and a visual observation. Volunteer club members with binoculars and telescopes make such events possible.

Form 1023

Part VI: Your Members and Other Individuals and Organizations That Receive Benefits From You Questions 1a and 1b - Explanation

East Valley Astronomy Club, Inc., in the performance of its purpose and character of affairs as defined in the amended articles of incorporation, actively supports education in astronomy and related sciences. Past, present and future activities include:

East Valley Astronomy Club Inc. presents monthly lectures which are open to both members and the general public. The presenters engaged for these lectures include amateur and professional astronomers, as well as other scientists and researchers. The club, upon request, can furnish speakers for an outside organization's meeting. We have participated in various school science fairs, and will continue to do so as requested.

East Valley Astronomy Club Inc. hosts a website, for which the universal resource locator is <http://www.eastvalleyastronomy.org>. The website contains a wealth of information about astronomy in general and the club specifically. The club also hosts an email list to which anyone can subscribe and participate in discussions about any astronomical topic.

East Valley Astronomy Club Inc. publishes a monthly newsletter, The Voyager, which is freely available to the general public by way of download from the club's website. The newsletter is available in Adobe's portable document format, for which a free reader application is available. Our website maintains an archived collection of past newsletters. Each newsletter contains information about the club as well as general articles of interest to members and non-members alike. A representative copy is included.

East Valley Astronomy Club Inc. conducts a quarterly (four times annually) workshop for new telescope owners, or those contemplating the acquisition of a telescope. These free seminars are open to the general public.

East Valley Astronomy Club Inc. hosts a free monthly star party (twelve times annually, weather permitting) open to members and the general public. A star party is a gathering of amateur astronomers. Member participants bring telescopes of all sizes and observe astronomical objects such as planets, comets, stars, and other deep sky objects. Those attendees without telescopes are encouraged to observe through every telescope present at the event. Upon request, the club conducts star parties for outside organizations such as schools and scout groups. There is much camaraderie and discussion of various aspects of the sciences at any star party. The idea of a star party is not new and allegedly goes back at least as far as George III of the United Kingdom, who was passionately interested in astronomy and mathematics.

East Valley Astronomy Club Inc. hosts a minimum of 24 annual star parties for members to attend. These events are held at remote locations, far from the distractions of light pollution.

East Valley Astronomy Club Inc. hosts an annual event, the All-Arizona Star Party, which is open to any amateur astronomer wishing to attend, free of charge. The event is advertised in national publications.

East Valley Astronomy Club Inc. participates in the Adopt-A-Highway program and conducts bi-annual cleaning of our adopted mile of US Route 60, near Superior, Arizona.

East Valley Astronomy Club Inc. encourages research efforts and recognition by promoting a series of structured observing programs.

East Valley Astronomy Club Inc. will provide a volunteer operating staff for the Riparian-Rotary Observatory in Gilbert, Arizona. The facility is scheduled to begin construction in the first part of 2006. The primary mission of the observatory will be in service to the community in the form of public outreach and education.

Form 1023
Part IX: Financial Data

The attached documents are submitted as supporting documentation for this application.

This attachment contains supporting documentation for revenues and expenditures.

A. Statement of Revenues and Expenses

Type of revenue or expense	Current Tax year		3 prior tax years		(e) Provide Total for (a) through (d)
	(a) from 1/1/04 to 12/31/04	(b) from 1/1/03 to 12/31/03	(c) from 1/1/02 to 12/31/02	(d) from 1/1/01 to 12/31/01	
1 Gifts, grants, and ...					\$ -
2 Membership fees received	\$ 3,075	\$ 4,531	\$ 4,150	\$ 3,425	\$ 15,181
3 Gross investment income	\$ -	\$ -	\$ -	\$ -	\$ -
4 Net unrelated business	\$ -	\$ -	\$ -	\$ -	\$ -
5 Taxes levied for your benefit	\$ -	\$ -	\$ -	\$ -	\$ -
6 Value of services or facilities	\$ -	\$ 1,205	\$ 1,205	\$ 1,205	\$ 3,615
7 Any revenue not otherwise reported	\$ -	\$ -	\$ -	\$ -	\$ -
8 Total of lines 1 through 7	\$ 3,075	\$ 5,736	\$ 5,355	\$ 4,630	\$ 18,796
9 Gross receipts from admissions, merchandise sold or services performed ... (attach itemized list)	\$ 5,903	\$ 6,585	\$ 4,532	\$ 4,372	\$ 21,392
10 Total of lines 8 and 9	\$ 8,978	\$ 12,321	\$ 9,887	\$ 9,002	\$ 40,188
11 Net gain or loss on sale of	\$ -	\$ -	\$ -	\$ -	\$ -
12 Unusual grants	\$ -	\$ -	\$ -	\$ -	\$ -
13 Total Revenue					
Add lines 10 through 12	\$ 8,978	\$ 12,321	\$ 9,887	\$ 9,002	\$ 40,188
14 Fundraising expenses	\$ -	\$ -	\$ -	\$ -	
15 Contributions, gifts, grants	\$ -	\$ -	\$ -	\$ -	
16 Disbursements to or for the benefit of members (attach an itemized list)	\$ 10,130	\$ 10,341	\$ 7,377	\$ 7,470	
17 Compensation of officers	\$ -	\$ -	\$ -	\$ -	
18 Other salaries and wages	\$ -	\$ -	\$ -	\$ -	
19 Interest expense	\$ -	\$ -	\$ -	\$ -	
20 Occupancy (rent, utilities)	\$ 1,205	\$ -	\$ -	\$ -	
21 Depreciation and depletion	\$ -	\$ -	\$ -	\$ -	
22 Professional fees	\$ -	\$ -	\$ -	\$ -	
23 Any expense not otherwise classified, ...	\$ -	\$ -	\$ -	\$ -	
24 Total Expenses					
Add lines 14 through 23	\$ 11,335	\$ 10,341	\$ 7,377	\$ 7,470	

B. Balance Sheet (for your most recently completed tax year)

Year End: 12/31/04

Assets

1 Cash	1	\$	5,100
2 Accounts receivable, net	2	\$	-
3 Inventories	3	\$	-
4 Bonds and notes receivable	4	\$	-
5 Corporate stocks	5	\$	-
6 Loans receivable	6	\$	-
7 Other investments	7	\$	-
8 Depreciable and depletable assets	8	\$	-
9 Land	9	\$	-
10 Other assets	10	\$	-
11 Total Assets (add lines 1 through 10)	11	\$	5,100

Liabilities

12 Accounts payable	12	\$	-
13 Contributions, gifts, grants, etc. payable	13	\$	-
14 Mortgages and notes payable (attach an itemized list)	14	\$	-
15 Other liabilities (attach an itemized list)	15	\$	-
16 Total Liabilities (add lines 12 through 15)	16	\$	-

Fund Balances or Net Assets

17 Total fund balances or net assets	17	\$	5,100
18 Total Liabilities and Fund Balances or Net Assets (add lines 16 and 17)	18	\$	5,100

19 Have there been any substantial changes in your assets or liabilities since the end of the period shown above? If "Yes," explain.

No

Form 1023, Section IX, Page 9, Line 9
List Gross receipts from admissions, merchandise sold or services performed

Revenue	2004	2003	2002	2001
Membership Dues	\$ 3,075	\$ 4,531	\$ 4,150	\$ 3,425
Sky & Tel Magazine Subs.	\$ 1,675	\$ 2,618	\$ 1,926	\$ 1,830
Astronomy Magazine Subs.	\$ 957	\$ 1,161	\$ 1,067	\$ 1,001
Nametags	\$ 165	\$ 301	\$ 245	\$ 280
Paid Public Star Parties	\$ 100	\$ 200	\$ 100	\$ 130
Clothing	\$ 200	\$ 276	\$ 602	\$ 1,132
Calendars	\$ 528	\$ -	\$ 592	
Misc. (RASC, Books, Comp. S/W)	\$ 711	\$ 2,029	\$ -	\$ -
RASC	\$ 411			
Books	\$ -			
Computer Software	\$ 1,156			
TOTAL	\$ 8,978	\$ 11,116	\$ 8,682	\$ 7,797

Form 1023, Section IX, Page 9, Line 16
 Disbursements to or for the benefit of members

Expenditures	2004	2003	2002	2001
Accounting Charges	\$ 24	\$ 304	\$ -	\$ -
Adopt-a-highway brunches	\$ 120	\$ 215	\$ 285	\$ 277
All AZ Star Party	\$ 150	\$ 225	\$ 100	\$ 145
Astronomy Magazine	\$ 896	\$ 1,215	\$ 1,038	\$ 1,001
Board Meeting Refreshments	\$ -	\$ 53	\$ 123	\$ 104
Calendars	\$ 410	\$ 933	\$ 443	\$ -
Christmas Party	\$ 135	\$ 97	\$ 330	\$ -
Clothing	\$ -	\$ 313	\$ 272	\$ 1,625
Computer Software	\$ 1,219			
Dinner with speaker	\$ -	\$ 37	\$ 62	\$ 190
IDA	\$ 100	\$ 100	\$ 150	\$ 100
Income Taxes	\$ 216	\$ 77	\$ -	\$ -
Incorporation/Land Use fees	\$ 10	\$ 60	\$ 60	\$ 10
Insurance	\$ 285	\$ 231	\$ 231	\$ 248
Kitt Peak Trip	\$ -	\$ -	\$ -	\$ -
Meeting refreshments	\$ 90	\$ 129	\$ 145	\$ 178
Messier Marathon / awards	\$ 12	\$ 183	\$ 64	\$ 64
Misc.	\$ 84	\$ 292	\$ 33	\$ 37
Nametags	\$ 167	\$ 234	\$ 231	\$ 184
Newsletters, postage, etc.	\$ 1,009	\$ 1,048	\$ 1,056	\$ 644
Observer's Handbooks - RASC	\$ 760	\$ 1,058	\$ -	\$ -
P.O. Box	\$ 38	\$ 38	\$ 38	\$ 38
Picnic	\$ -		\$ -	\$ -
Properties	\$ 684	\$ 669	\$ 261	\$ 409
Room Fees & Rental	\$ 1,205	\$ -	\$ -	\$ -
Sky & Tel Magazine	\$ 1,851	\$ 2,546	\$ 1,892	\$ 1,829
Speaker's Honorariums	\$ 1,392	\$ 200	\$ 450	\$ 325
Web address	\$ 478	\$ 87	\$ 115	\$ 63
TOTAL	\$ 11,335	\$ 10,341	\$ 7,377	\$ 7,470

In accordance with section 5.f of Article V (Form of Government) of East Valley Astronomy Club, Inc., a special committee has been formed with the express purpose of assembling the application package to the Internal Revenue Service for consideration of tax exemption under the rules of section 501(c)(3) of the Internal Revenue Code.

This special committee is chaired by club member and newsletter editor, Peter Argenziano. Peter has been granted the authority to complete the application process on behalf of the club, and to act as interface between the IRS and the club. As such, Peter has been listed as the primary contact in Part I (Line 6a) of Form 1023.

Steven Aggas
President

The attached document is a screen capture from the website of East Valley Astronomy Club, Inc. and is submitted as supporting documentation for this application.

This attachment shows the main web page and serves as navigation aid to the entire website.

www.eastvalleyastronomy.org



East Valley Astronomy Club



Photograph by Jon Christensen

All About EVAC

- [Who We Are](#)
- [Meetings](#)
- [2006 Meeting Schedule](#)
- [Calendar of Events](#)
- [Member Star Parties](#)
- [Public Star Parties](#)
- [Join Us!](#)
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- [Observing Programs](#)
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Inside EVAC

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- [The EVAC Classifieds](#)
- [AZ Clear Sky Clocks](#)
- [Riparian-Rotary Observatory](#)
- [Membership Announcement](#)
- [2006 Messier Marathon](#)

Join the EVAC Email LIST!

The [EVAC List](#) is an unmoderated email forum for communication on any astronomical topic by the members of the East Valley Astronomy Club. This is a private list and your email address is never sold or shared with anyone, nor will there be any

- [Subscribe to the EVAC List](#)
- [Unsubscribe from the EVAC List](#)

Your Email Address:

commercial advertisements allowed in the messages. All members shall use the tool to the right to manage their own list subscription.

[Submit Subscription Request](#)



This site is best viewed with: IE 5, Netscape 7, Mozilla 1 or similar browser @ 800 x 600 or better

For questions or comments about this site, please contact [Marty Pieczonka, EVAC Webmaster](#).

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[Site management Login](#)

The attached document is a screen capture from the website of East Valley Astronomy Club, Inc. and is submitted as supporting documentation for this application.

This attachment shows the history of guest speakers who have made presentations at one of the monthly general meetings. This list indicates the level of quality maintained in our lecture series.

East Valley Astronomy Club

History of Speakers

Feb-89	Dan Ward	SAC	Club interaction
Mar-89	Jane Jackson	SCC	Physics and the universe
Apr-89	Pete Manly	Amateur	Viewing in the city
Feb-90	Keith Worth	SCC	Radio astronomy
Jun-90	George de Lange	SAC	TSP and RTMC
Jan-91	David Levy	Amateur	Comet hunting
Sep-91	Carleton Moore	ASU	Meteorite composition
Oct-91	David Levy		
Nov-91	Steve Coe	SAC	History, Lord Rosse
Jan-92	Stan Student	SAC	Backyard observatory
Feb-92	James McGaha	IDA	IDA
Mar-92	Steve Coe	SAC	Simple astrophotography
Jan-93	Don Wrigley	EVAC	Lunar observing
Feb-93			
Mar-93	David Levy	Free-lance writer	The lure of comet hunting
Apr-93			
May-93			
Jun-93			
Jul-93			
Aug-93	Rick Blakely	Free-lance optician	Optical science overview
Sep-93	Members	EVAC	Show and tell
Oct-93			
Nov-93	Stan Student	SAC	CCD imaging
Dec-93	Members	EVAC	Show and tell
Jan-94	Tom Polakis	EVAC	Observing in Chile
Feb-94	Steve Coe	SAC	Discovery of galaxies
Mar-94	Frank Zullo	Free-lance photographer	Night photography
Apr-94	Frank Kraljic	EVAC	Composition of 951 Gaspra
May-94	Members	EVAC	Show and tell
Jun-94	Rick Blakely	Free-lance optician	Collimating a Newtonian
Jul-94	Michael Janes	EVAC	Double star observing
Aug-94	Bob Pappalardo	Arizona State U.	Geology of outer planets' satellites
Sep-94	Sheri Cahn	EVAC	England trip - RAS/Greenwich Obs.
Oct-94	John Winters	Glendale Comm. Coll.	Astrometry
Nov-94	Paul Scowen	Arizona State U.	Crab Nebula with HST
Dec-94	Members	EVAC	Show and tell
Jan-95	Jan & Randy Iliff	Amateurs	Chile eclipse expedition
Feb-95	Warren Kutok	Photon Instruments	History of telescopes
Mar-95	Brian Skiff	Lowell Observatory	The Hubble Guide Star Catalogue
Apr-95			
May-95	Paul Scowen	Arizona State U.	HII regions with HST
Jun-95	James Jacobs	National Enquirer?!?	Coincidences in archaeoastronomy
Jul-95	Steve Coe	SAC	Eyepieces
Aug-95	Members	EVAC	Show and tell
Sep-95	Dan Helm	Phoenix College	Atmospheric phenomena
Oct-95	Ken Edgett	Arizona State U.	Future Mars exploration plans
Nov-95	Randal Whitlock	Arizona State U.	Meteorite research
Dec-95	Members	EVAC	Show and tell
Jan-96	Chris Schur	EVAC	Astrophotography overview
Feb-96	Paul Scowen	Arizona State U.	HST results on bipolar nebulae
Mar-96	Don Wrigley	EVAC	Lunar observing
Apr-96	Rogier Windhorst	Arizona State U.	HST results with the most distant galaxies
May-96	Bernie Sanden/Tom Polakis	EVAC	Observing in Australia
Jun-96	Members	EVAC	Organized show and tell

Jul-96	Marc Buie	Lowell Observatory	Pluto
Aug-96	Derald Nye	TAAA	Eclipse chasing
Sep-96	David Burstein	Arizona State U.	Evolution of galaxies
Oct-96	Sheri Cahn	EVAC/ASU	Processing of HST images
Nov-96	Paul Knauth	Arizona State U.	Mars meteorite
Dec-96	Members	EVAC	Show and tell
Jan-97	John Spencer	Lowell Observatory	Galileo Jupiter results
Feb-97	Guy Consolmagno	Vatican Observatory	Antarctic meteorite hunting
Mar-97	Bob Erdmann	EVAC	The NGC/IC Project
Apr-97	Steve Coe and EVAC	SAC/EVAC	History of comets/Comet H-B Photos
May-97	Amanda Bosh	Lowell Observatory	Saturnian ring occultations
Jun-97	Peter Wehinger	Arizona State U.	Student observatory
Jul-97	Paul Scowen	Arizona State U.	HST, The Tarantula, and M16
Aug-97	Peter Wlasuk	Kitt Peak/SARA	Active galactic nuclei
Sep-97	Tim Hunter	Amateurs	International Dark-Sky Association
Oct-97	Pierre Schwaar	EVAC	Telescope projects over the years
Nov-97	Pieter Burgraaff	Amateur	Harqua Hala Solar Observatory history
Dec-97	Members	EVAC	Show and tell
Jan-98			
Feb-98	Ryan Wyatt	AZ Science Center	Infrared astronomy
Mar-98	Warren Kutok	Photon Instruments	History of telescopes
Apr-98	Tom Polakis	EVAC	One year of CCD results
May-98	Steve Coe	Amateur	Meteor showers
Jun-98	Rogier Windhorst	Arizona State U.	HST overview
Jul-98	Jeff Medkeff	Amateur	Observing tips
Aug-98	Members	EVAC	Show and tell
Sep-98	Paul Scowen	Arizona State U.	Diffuse nebulae
Oct-98	Steve Kaites	Outreach specialist	Reaching community with astronomy
Nov-98	Brian Skiff	Lowell Observatory	Asteroid research
Dec-98	Members	EVAC	Show and tell
Jan-99	Bill Dillenges	EVAC	Building an observatory
Feb-99	Tony and Daphne Hallas	Astrophotographers	Astrophotography
Mar-99	Jeff Medkeff	Amateur	Observing Mars
Apr-99	Ben Mixon	Amateur	Archaeoastronomy in the Valley
May-99	Jeff Hester	Arizona State U.	HST and scale of the universe
Jun-99	Steve Coe	SAC	Biography of Lord Rosse
Jul-99	Bill Peters	EVAC	Finding and identifying meteorites
Aug-99	Bob Denny	Amateur	Automated telescope control
Sep-99	Paul Comba	Amateur	Discovering asteroids
Oct-99	Paul Scowen	Arizona State U.	Shell nebulae
Nov-99	Members	EVAC	Show and tell
Dec-99	Jack Farmer	Arizona State U.	Exploring for life on Mars
Jan-00	Tom Polakis	Amateur	Deep Sky 101
Feb-00	George Coyne	Vatican Observatory	Purpose of Vatican Observatory
Mar-00	Gary Huss	Arizona State U.	Meteorites
Apr-00	Rogier Windhorst	Arizona State U.	Galaxy formation
May-00	Jeff Medkeff	Amateur	Tube currents in amateur telescopes
Jun-00	Chris Schur	Amateur	Tri-color astrophotography
Jul-00	Steve Odewahn	Arizona State U.	Automated galaxy classification
Aug-00	David Burstein	Arizona State U.	Cosmology
Sep-00	-	-	-
Oct-00	Members	EVAC	Show and tell
Nov-00	Steve Coe	Amateur	Dark nebulae
Dec-00	Joe Orman & Rick Scott	Amateurs	"The Sky We Share"
Jan-01	Warren Kutok	Photon Instruments	Telescope Q&A
Feb-01	Dennis Young	Amateur	Night photography
Mar-01	Peter Wehinger	Arizona State U.	Large professional telescopes
Apr-01	Steve Dodder	Amateur	Variable stars, gamma ray bursts
May-01	Chris Schur	Amateur	CCD imaging

Jun-01	Tom Polakis	Amateur	Australia and southern observing
Jul-01	Laurie Leshin	Arizona State U.	Mars sample return mission
Aug-01	None	-	Nova video on supernovae
Sep-01	Steve Odewahn	Arizona State U.	Galaxy formation
Oct-01	Bill Gregory	NASA	Flying on Space Shuttle mission
Nov-01	Members	EVAC	Show and tell
Dec-01			
Jan-02	Chris Schur	EVAC	CCD imaging
Feb-02	Steve Odewahn	Arizona State U.	Galaxy classification
Mar-02	Clyde Hostetter	Author	Archaeoastronomy
Apr-02	David Burstein	ASU	Q&A
May-02	Peter Wehinger	ASU	Large professional telescopes
Jun-02	Sam Herchak	Amateur	Mirror making
Jul-02	David Brown	EVAC	Brief history of the club
Aug-02	Steve Coe	Amateur	Filters for observing
Sep-02	Jim Klemaszewski	ASU	Galileo Jupiter results
Oct-02	None	-	Show and tell
Nov-02	Tom Polakis	Amateur	Desktop planetarium software
Dec-02	Bill Dellinges	Amateur	New Mexico astronomy
Jan-03	None	-	Show and tell
Feb-03	AJ Crayon	Amateur	Astronomical drawing
Mar-03	Adam Block	KPNO	CCD imaging
Apr-03	Jeff Hester	ASU	Structure in the universe
May-03	Chris Schur	Amateur	Observatory construction
Jun-03	None	-	
Jul-03	Lucas, Polakis, Peterson	EVAC	Asteroid Occultations
Aug-03	Steve Ruff	ASU	Mars Missions
Sep-03	Fulvio Melia	UofA	Black Hole at Center of Galaxy
Oct-03	Scott Davis	IDA	IDA
Nov-03	Bill Ferris	Amateur	Herschel 400
Dec-03	Michael Schwartz	Tenagra Observatories	Robotic Observing and Supernovae
Jan-04	David Williams	ASU	Mars Exploration
Feb-04	Fr. Bill Stroeger	Vatican Observatory	Cosmology
Mar-04	Fr. Chris Corbally	Vatican Observatory	Nearby Stars
Apr-04	Paul Scowen	ASU	Star-Formation Space Missions
May-04	Michelle Minitti	ASU	Mars Rover Results
Jun-04	Bill Carswell	NASA	Future NASA Missions
Jul-04	Adam Block	KPNO	Kitt Peak Visitor Imaging
Aug-04	Members	EVAC	Show and Tell
Sep-04	Tony Hallas	Astrophotographer	Astrophotography
Oct-04	Phil Harrington	Author	Nights of Future Passed
Nov-04	Steve Coe	Amateur	Observing Supernovae
Dec-04	Tom Polakis	Amateur	Observing in Namibia, Africa
Jan-05	None	-	No January Meeting
Feb-05	Dr. H. Jay Melosh	UofA	Deep Impact Mission
Mar-05	Dr. Jon Morse	ASU	Upcoming Space Missions
Apr-05	Dr. Todd Bostwick	City of Phoenix Archaeol	Hohokam Archaeoastronomy
May-05	Dr. Kevin R. Healy	ASU	Low-Mass Star Formation
Jun-05	John Dobson	Sidewalk Astronomers	Cosmology
Jul-05	AJ Crayon	Amateur	Astro Sketching Techniques
Aug-05	Dr. Jeff Hester	ASU	Born Among Giants
Sep-05	Jon Christensen	EVAC	Astrophotography
Oct-05	Wayne Johnson	Amateur	Hunting for Supernovae
Nov-05	Steve Coe	SAC	Australian Observing Trip
Dec-05	No Speaker	EVAC	Holiday Party
Jan-06	Dr. William K. Hartmann	LPI / UA	Mars
Feb-06	Dr. Ted Bowell	Lowell Observatory	LONEOS
Mar-06	Bill Dellinges	EVAC	Telescope Revolution 1950 - 1970
Apr-06			

May-06	Ted Dunham	Lowell Observatory	SOFIA and HIPO
Jun-06			
Jul-06			
Aug-06			
Sep-06			
Oct-06			
Nov-06			
Dec-06	No Speaker	EVAC	Holiday Party
	Steve Coe		10
	Paul Scowen		7
	Tom Polakis		6
	Chris Schur		4
	Jeff Hester		4
	Rogier Windhorst		3
	Warren Kutok		3
	Steve Odewahn		3
	Jeff Medkeff		3
	AJ Crayon		3
	Peter Wehinger		2
	Rick Blakely		2
	Sheri Cahn		2
	Brian Skiff		2

The attached document is a screen capture from the website of East Valley Astronomy Club, Inc. and is submitted as supporting documentation for this application.

This attachment shows the information available online relative to the Local Star Party and Deep Sky Star Party activities.

EVAC Star Parties

For many amateur astronomers, participating in club star parties is the best part of belonging to a club. These friendly nocturnal gatherings give observers a chance to talk about all things astronomical, look through many types of scopes and show off a few of their favorite sights. EVAC offers at least two star parties each month (weather permitting, of course).



Never been to a star party? Please check out our [Star Party Guidelines](#) to help make your first star party a safe and enjoyable one. Attendance at either the Local Star Party or the Deep Sky Star Party is predicated on your acknowledgement and acceptance of the [liability disclaimer](#) detailed at the bottom of this page.

Check out our [Events Calendar](#) for a complete listing of star party dates and other EVAC events.

Local Star Party

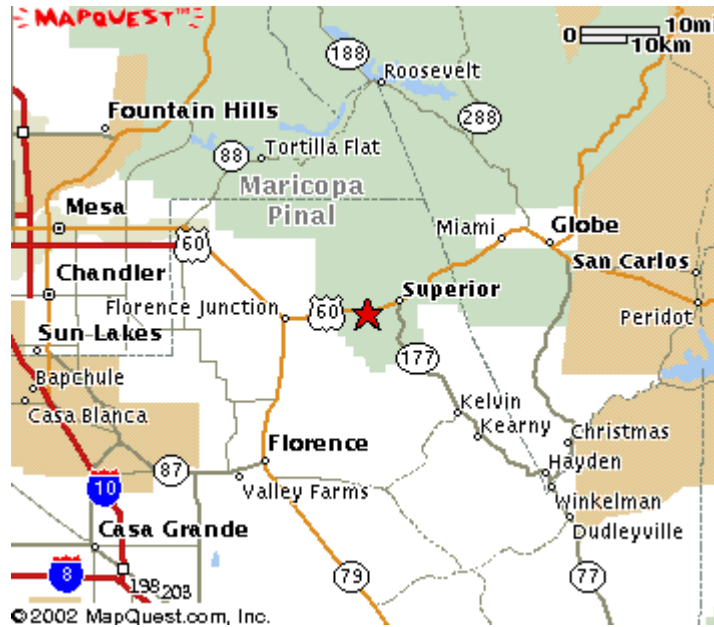
The "local" star party is held on the Saturday closest to 3rd quarter moon at Boyce Thompson Arboretum State Park, near Superior. The site offers reasonably dark skies within an hour of most east Valley locations. A hill blocks a good bit of the Phoenix sky glow to the west, and Superior's minor glow is visible in the northeast. The star party is usually well-attended and is especially suited to those just getting started. If you are in the market for a scope, this is the place to see a variety of scopes and talk to their owners or simply get advice on getting started.

2006 Local Star Party Schedule

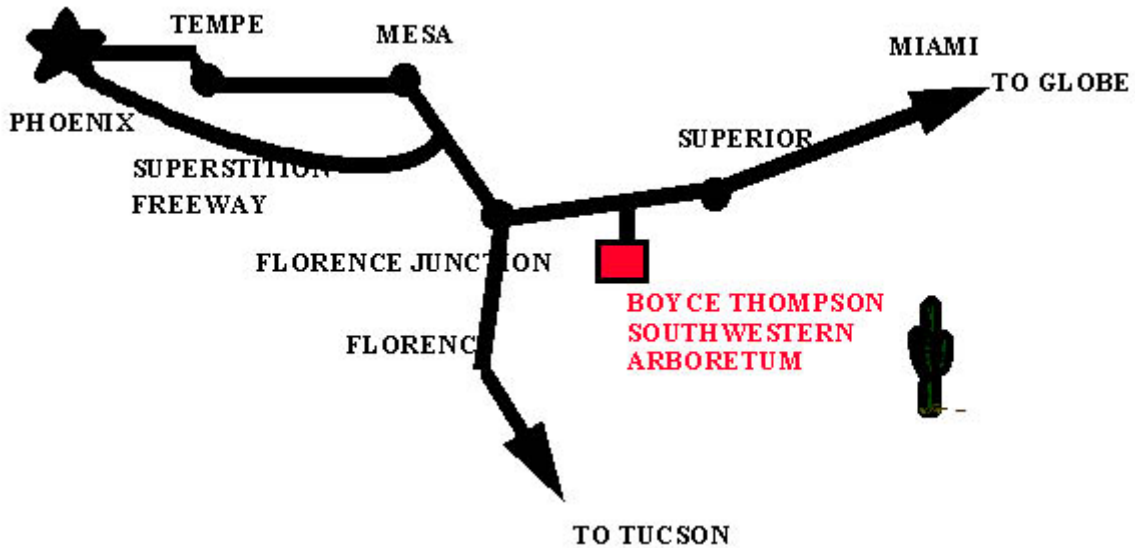
January 21
February 18
March 25
April 22
May 20
June 17
July 22
August 19
September 16
October 14
November 11
December 16

[How To Get There](#)

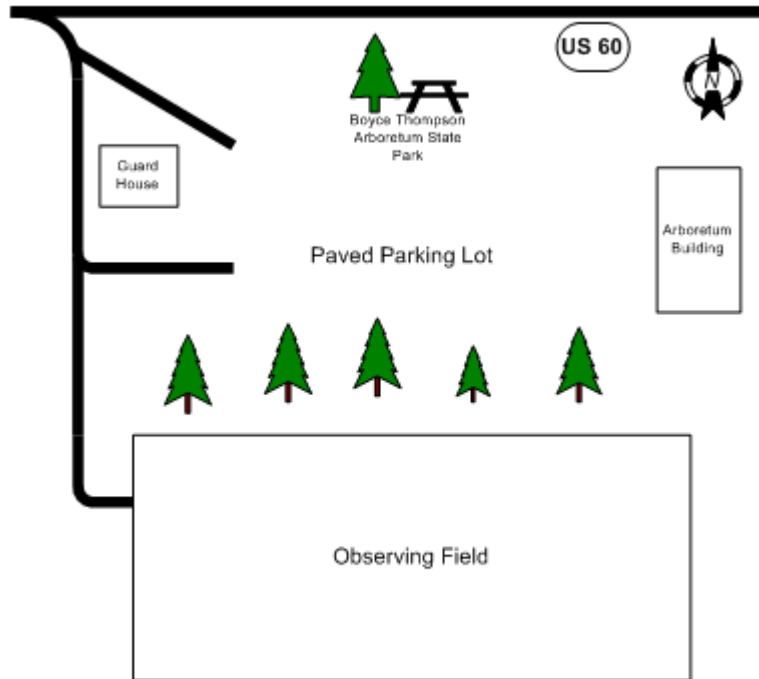
To get to the Boyce Thompson Arboretum (BTA) site, take US 60 east past Florence Junction. Continue driving past Florence Junction to Boyce Thompson Arboretum State Park. The park's address is 37615 U.S. Highway 60, Superior, AZ; however if you actually reach the town of Superior, you've driven past the site. This site is 6½ miles past our old Florence Junction site, and its entrance is marked by the familiar brown State Park signs. The gate will be unlocked, but it may be closed. If it is closed, just swing it open and proceed back to the observing field.



© 2002 MapQuest.com, Inc.
Map to the Boyce Thompson Arboretum State Park site



Detailed map to site

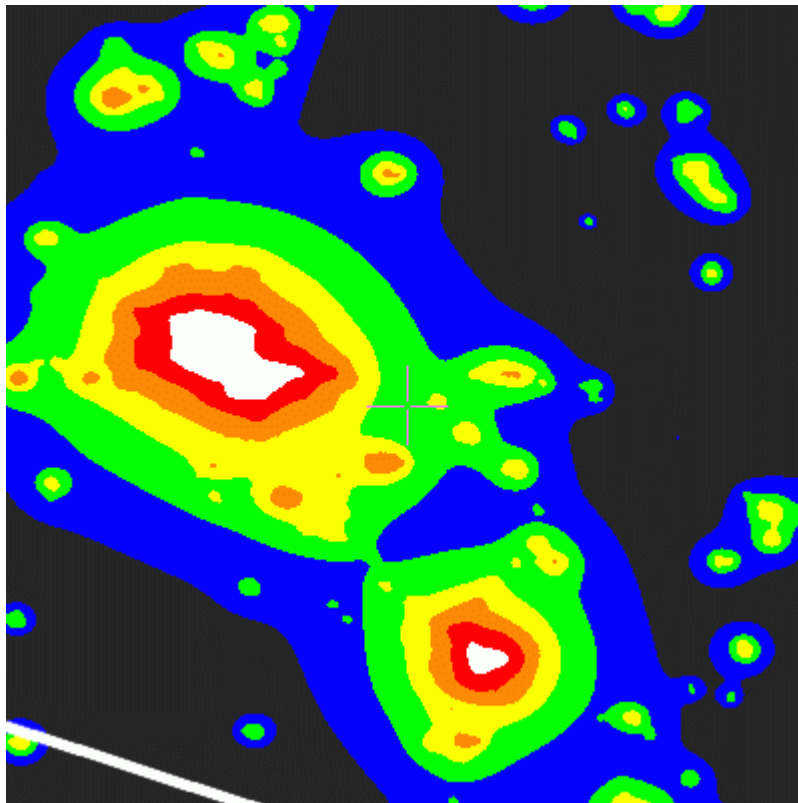


This map is not to scale

Detailed map of site

Download

Click above button to download the emergency data sheet for the Boyce Thompson site



This map is a small excerpt (195 miles wide x 230 miles high) from the The World Atlas of the Artificial Night Sky Brightness. The cross marks the location of the EVAC Local Star Party site (Boyce Thompson Arboretum). This site is classified as '4' on the Bortle scale. Fairly obvious light-pollution domes are apparent over population centers in several directions. The zodiacal light is clearly evident but doesn't even extend halfway to the zenith at the beginning or end of twilight.

The Milky Way well above the horizon is still impressive but lacks all but the most obvious structure. M33 is a difficult averted-vision object and is detectable only when at an altitude higher than 50 degrees. Clouds in the direction of light-pollution sources are illuminated but only slightly so, and are still dark overhead. You can make out your telescope rather clearly at a distance. The maximum naked-eye limiting magnitude is 6.1 to 6.5, and a 32-cm reflector used with moderate magnification will reveal stars of magnitude 15.5. Modest to serious impact to deep sky observing and imaging.

Deep Sky Star Party

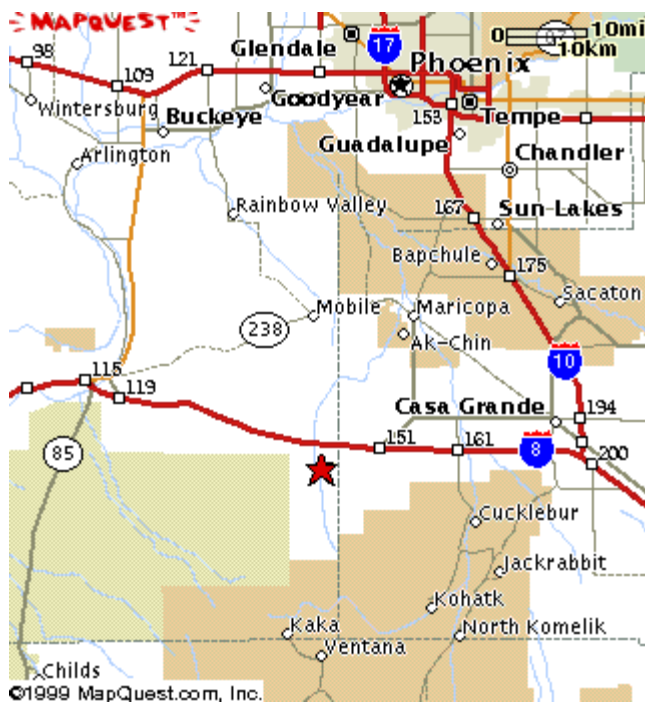
The "deep sky" star party is held on the Saturday closest to new moon at a remote site south of Phoenix. This site is darker than the local site, but is still only 1½ hours from most east Valley locations. If you are interested in deep sky observing, astrophotography or just want darker skies, this is the place for you! Since the site is fairly remote, please contact [Randy Peterson](#) or [Butch Miller](#) if you are planning to attend.

2006 Deep Sky Star Party Schedule

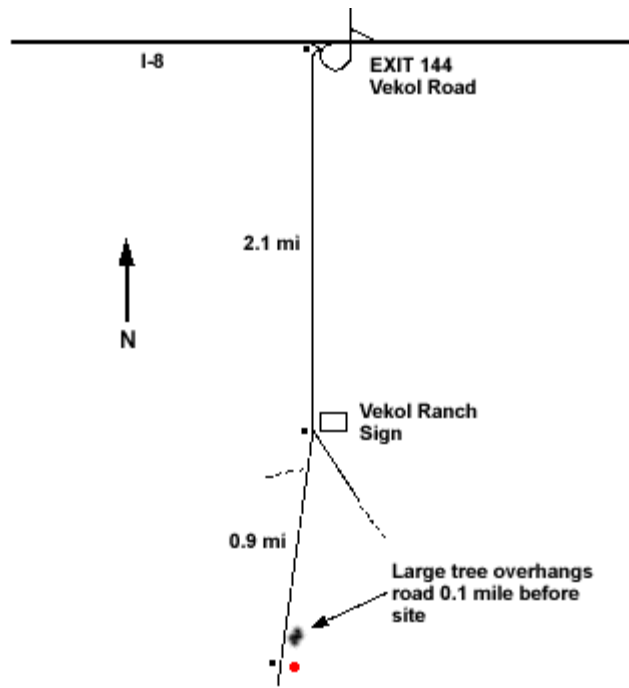
January 28
February 25
March 25 - Messier Marathon at Farnsworth Ranch (SAC)
April 1
April 29
May 27
June 24
July 29
August 26
September 23
October 21 -- All-Arizona Star Party at Farnsworth Ranch
November 18
December 23

How To Get There

Take Interstate 10 south to the Queen Creek Road exit. After exiting the freeway, turn right. Continue for another 28 miles to the junction with SR 84. Turn right on SR 84 and continue to the interchange with Interstate 8. Proceed west on I-8 to Exit 144, Vekol Road. After exiting the freeway, turn left. The road will pass over the freeway, then loop back around to eastbound I-8. About half way through the loop, take the dirt road to the left (do not enter the freeway). Take this road south for approximately two miles. Bear right at the Vekol Ranch sign. Shortly after this junction the road will become considerably rougher - drive with caution. Continue south for 0.9 miles. The observing site is to the left.



Map to the Vekol Road site.

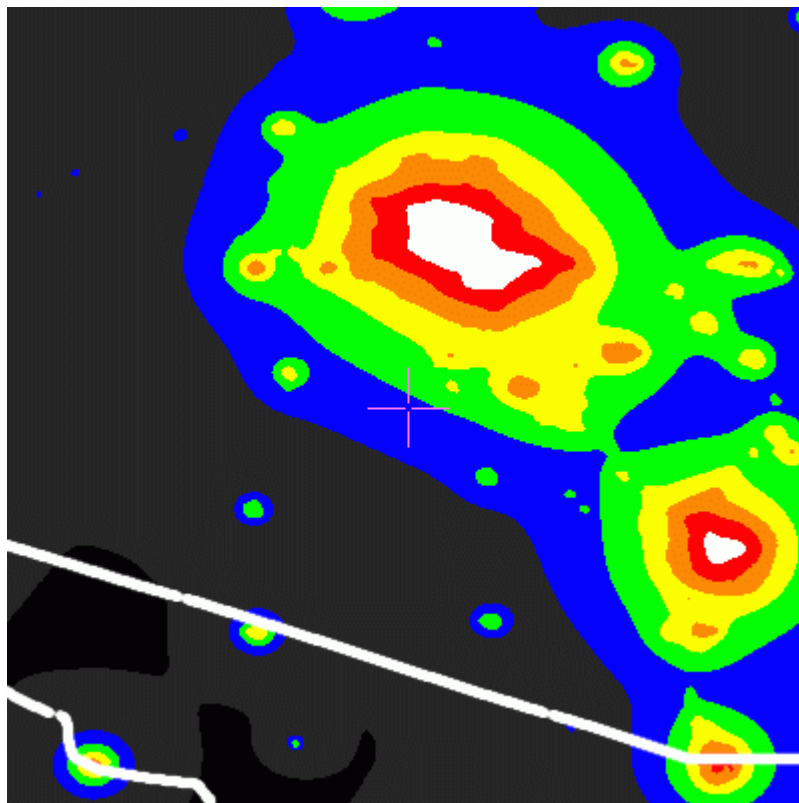


Detailed map to site.

Check it out! Aerial photographs of the Vekol Road site. (118 KB)

Download

Click above button to download the emergency data sheet for the Vekol Road site



This map is a small excerpt (195 miles wide x 230 miles high) from the The World Atlas of the Artificial Night Sky Brightness. The cross marks the location of the EVAC Dark Sky Star Party site (Vekol Road). This site is classified as '3' on the Bortle scale. Some indication of light pollution is evident along the horizon. Clouds may appear faintly illuminated in the brightest parts of the sky

near the horizon but are dark overhead. The Milky Way still appears complex, and globular clusters such as M4, M5, M15, and M22 are all distinct naked-eye objects. M33 is easy to see with averted vision. The zodiacal light is striking in spring and autumn (when it extends 60 degrees above the horizon after dusk and before dawn) and its color is at least weakly indicated. Your telescope is vaguely apparent at a distance of 20 or 30 feet. The naked-eye limiting magnitude is 6.6 to 7.0, and a 32-cm reflector will reach to 16th magnitude. Long exposure astrophotos might show some light pollution gradient, but visual observing is relatively unimpaired.

Star Party Liability Disclaimer

The East Valley Astronomy Club (EVAC) is not responsible for the property or liability of any star party participant, nor will the club be held liable for their actions or possessions. EVAC is not responsible for any vehicular damage, theft, or mechanical difficulties that may occur while attending a star party. EVAC strongly recommends adherence to the doctrine of 'safety in numbers' when it comes to remote observing sites. In the interest of safety it is recommended that you don't go to remote sites alone and that someone knows where you have gone each time you go out observing.



The attached document is a screen capture from the website of East Valley Astronomy Club, Inc. and is submitted as supporting documentation for this application.

This attachment shows the online form interested parties may use to submit a request for assistance from the club.

See the Stars

Have you ever ventured outside on a clear night, glanced skyward in amazement, and wondered just what you were looking at? Or perhaps you have a vague notion of the celestial heavens, but would like a more experienced guide. Or maybe all that's desired is a closer look through a telescope. If any or all of these pertain to your club, group or class, the East Valley Astronomy Club is here to help.

Simply provide the information requested in the form below and click the 'Submit Request' button to contact our Event Coordinators -- Butch Miller and Randy Peterson -- to arrange a night under the stars for your club, group or class!

Name:

Organization:

Phone number:

Email:

Proposed event date:

Estimated attendees:

Describe your event:



The attached document is a representative sample of the monthly newsletter published by East Valley Astronomy Club, Inc. The newsletter is freely available to anyone who wishes to download it from the club's website. The newsletter is published in Adobe's portable document format (PDF) for which a reader application is freely available.

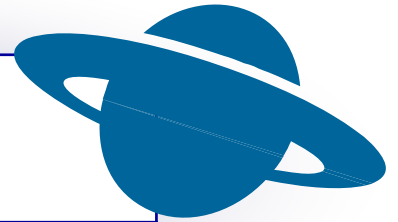
The newsletter contains club information as well as interesting and informative articles.

A current copy of the club's membership application is also included (on page 9).

In addition to the newsletter itself, the club maintains a library of past issues on its website from which anyone can download back issues free of charge. A screen capture from the website depicting the newsletter library is also attached.

January 2006

The Voyager



East Valley Astronomy Club

Volume 20 Issue 1

From the Desk of the President

by Steven Aggas, 2006 EVAC President

Happy New Year everyone!

2005 has been an outstanding year in many regards, but now it's on to bigger and better things for EVAC. I'm glad I decided to continue as EVAC's President and hope to keep things on a positive roll. Unfortunately I will not be able to attend the January meeting as I will be out of the country but Silvio, our new VP, will lead the meeting.

On a different note, since my wife Lori got me a new

primary mirror and secondary for Christmas, I'm sorry to say it may be cloudy for quite some time and apologize profusely in advance. I will keep you all posted on the progress of the telescope construction at future meetings.

As our speaker for the January General Assembly meeting (postponed from October 2005) we will have Dr. Bill Hartmann. Dr. Hartmann has a PhD in astronomy from the University of Arizona, is the lead author of the current theory about the origin of the moon, and

the first winner of Carl Sagan Medal from American Astronomical Society for popular writing and artwork about astronomy. He is also the recipient of a medal from European Geophysical Society for work on Mars. An asteroid is also named after him for his work on planet origins and evolution.

Join us at the Southeast Regional Library (Gilbert Public Library) on Friday, January 20th at 7:30PM. The GPL is located at the Southeast corner of Greenfield and Guadalupe Roads.

Inside this issue:

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The Backyard Astronomer

Targets for January and February by Bill Dellings

One light year = 6 trillion miles. One Astronomical Unit = 93 million miles

Saturn: The ringed planet reaches opposition on January 27 in Cancer very near M44, the Beehive Cluster. Distance: 766 million miles. The rings are tilted at 18 degrees to us. You will need to wait a few hours after sunset for it to climb high enough in the night sky to observe.

Star color comparison: Betelgeuse vs. Rigel.

Red supergiant Betelgeuse is big (600 times the size of our Sun) but cool (3,000K) compared to the sun's 5800K temperature, while blue-white supergiant Rigel is 46 times bigger than the sun and hot (12,000K). Rigel is one of the brightest stars in the Galaxy with a luminosity of 57,000 suns.

Double stars: Mesarthim in Aries is 160 light years away, has companion star in orbit about it 380 Astro-

nomical Units distant (Sep. 7.6", Mags 4.6, 4.6.). **Beta Monocerotis**, triple star system 470 light years away (Sep. AB 7.4", AC 9.9", BC 2.8", Mags 4.5, 5.2, 5.6) .

Open Star Clusters: M45, the Pleiades or "Seven Sisters", a cluster of 200 stars 400 light years away in Taurus. **M35**, beautiful open star cluster, 2,800 light years away, in Gemini. Look for NGC

(Continued on page 2)

January Events:

- *Public Star Party in Gilbert - January 13*
- *January Meeting at Southeast Regional Library - January 20*
- *Local Star Party at Boyce Thompson - January 21*
- *Zaharis Elementary School Science Fair - January 27*
- *Deep Sky Star Party at Vekol Road - January 28*

The Backyard Astronomer

(Continued from page 1)

2158, a faint open star cluster $\frac{1}{2}$ degree southwest of M35.

Nebulae: M42, the famous Orion Nebula, a cloud of hydrogen gas and dust 1600 light years away. A star-forming region. Best example of an "emission nebula" in the northern skies. Enough gas in it to create 10,000 Suns. Actually visible to naked eye in the "Sword of Orion". Note quadruple star system, the "Trapezium" at center of nebula.

Planetary Nebula: N.G.C. 2392, a dead star in Gemini. 3,000 light

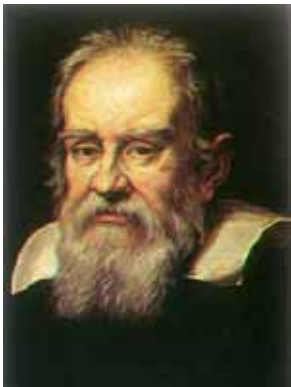
years away. The star has shed its outer envelope (the nebula) leaving behind a white dwarf star (density = 1 ton per square inch). The sun will die this way in 5 billion years.

Supernova remnant: M1, the "Crab Nebula". Another dead star-different demise however. Chinese saw this star explode in 1054 A.D. Could be seen at daytime for a month. These large stars don't bother with a Planetary Nebula end as above, they simply implode violently when they run out of fuel-**Ka-Boom!** Leaves behind a Neutron star (density = 100 million tons for square inch) or sometimes a Black Hole

(density infinite).

Galaxy: M31, the Great Andromeda Galaxy. Our nearest galactic neighbor 2.5 million light years away, similar in nature and size to our Milky Way Galaxy. A system of 100 billion stars, a 100,000 light years in diameter. In a dark sky it can just be glimpsed by the naked eye.

Galaxy: M82, an edge on galaxy 10 million light years away in Ursa Major (Big Dipper).



Galileo Galilei discovered the four largest moons of Jupiter in 1610:
Io, Callisto and Europa on January 7
Ganymede on January 13



- ◐ First Quarter Moon on January 6 at 11:56
- Full Moon on January 14 at 02:49
- ◑ Last Quarter Moon on January 22 at 08:14
- New Moon on January 29 at 07:15

2006: A Year of Sky Events

by Joe Orman

Photo Pages: <http://pages.prodigy.net/pam.orman/JoeHome.html>

Mark your calendar for these interesting alignments, conjunctions, occultations & meteor showers in the year 2006. Times are calculated for Phoenix, Arizona; other locations may differ. Most will be easy to see with the unaided eye, some very challenging -- take a look! Constructive comments and corrections welcome. This list may be copied and distributed for non-commercial use, but it must be credited to Joe Orman.

January 8 (evening): Mars 4 degrees to right of gibbous Moon, high in ESE after sunset.

January 9 (evening): Gibbous Moon partially occults star cluster Pleiades, very high in E after sunset.

January 23-February 12 (nights): Saturn less than 1 degree from Beehive star cluster (M44).

January 25 (morning): Bright star Antares 0.6 degrees above crescent Moon, in SE before sunrise (occultation for Central America).

February 5-6 (night): Mars 3 degrees to lower right of first-quarter Moon, Pleiades star cluster (M45) 3 degrees to upper left of Moon, near zenith after sunset. Moon occults Pleiades as they set in WNW about 2:00 a.m.

February 14-19 (evenings): Mars 2 degrees from Pleiades star cluster (M45), near zenith after sunset.

February 17 (evening): Bright star Spica 1 degree above gibbous Moon, rising in E about 10:30 p.m. (occultation in eastern North America).

March 5-6 (night): Mars 5 degrees to upper left of first-quarter Moon, Pleiades star cluster 6 degrees to lower right, high in WSW after sunset. Mars 3 degrees to lower left of Moon as they set in WNW about 1:00 a.m.

March 10 (evening): Saturn 5 degrees to upper right of gibbous Moon, high in E after sunset. Much-dimmer Beehive star cluster between Saturn and Moon.

March 17 (morning): Bright star Spica 0.3 degrees above gibbous Moon, high in SW before sunrise (occultation in Hawaii).

March 20 Spring equinox (11:26 a.m. MST). Sunrise straight east (6:32 a.m., azimuth 89.5 degrees), sunset straight west (6:40 p.m., azimuth 270.7 degrees). Always use proper eye protection when viewing the sun.

March 27 (morning): Mercury 4 degrees to upper left of crescent Moon, very low in E before sunrise.

April 1 (evening): Crescent Moon 0.5 degrees above Pleiades star cluster (M45), in W after sunset (occultation for eastern North America).

April 6 (evening): First-quarter Moon, Saturn and much-dimmer Beehive star cluster make 3-degree equilateral triangle, near zenith after sunset.

April 16 (evening): Bright star Antares 0.5 degrees to left of gibbous Moon, rising about 10:30 p.m. in SE.

April 24 (morning): Venus 2 degrees to upper left of crescent Moon, low in E before sunrise.

May 3-4 (night): Saturn 6 degrees to left of first-quarter Moon, high in W after sunset. Much-dimmer Beehive star cluster 3 degrees to upper right of Saturn. Saturn 3 degrees to left of Moon as they set in WNW about 1:00 a.m.

May 24 (morning): Venus 5 degrees to right of crescent Moon, low in E before sunrise.

May 30 (evening): Mars 3 degrees to left of crescent Moon, in W after sunset.

May 31 (evening): Saturn 3 degrees below crescent Moon, in W after sunset. Much-dimmer Beehive star cluster 1 degree to upper right of Saturn, Mars to lower right.

June 1-7 (evenings): Saturn less than 1 degree from Beehive star cluster (M44), in W after sunset.

June 11-12 (night): Major lunar standstill: full Moon stays low above southern horizon, only 27 degrees above S horizon as it transits at 1:00 a.m.

June 15 (evening): Mars 1 degree to right of Saturn, Beehive star cluster (M44) less than 1 degree to right of Mars, Mercury to lower right, in W after sunset. Mars 0.6 degrees to upper right of Saturn on June 17.

June 22 (morning): Venus 7 degrees below crescent Moon, Pleiades star cluster (M45) 7 degrees to lower left of Moon, in ENE before sunrise. Venus 7 degrees to right of crescent Moon on June 23.

June 27 (evening): Mars, Saturn, Beehive star cluster (M44), crescent Moon and Mercury in line within 15 degrees, low in W after

2006: A Year of Sky Events

(Continued from page 3)

sunset. Moon 1 degrees above Mars on June 28.

June 29 (evening): Bright star Regulus 2 degrees to left of crescent Moon, high in W after sunset. Mars, Saturn and Mercury to lower right.

July 7-8 (night): Bright star Antares 2 degrees to left of gibbous Moon, in S after sunset. Antares less than 1 degree to upper right of Moon as they set in SW around 2:30 a.m.

July 19-20 (night): Crescent Moon just leaving Pleiades star cluster (M45) as they rise in ENE around 1:00 a.m., Pleiades 2 degrees to upper right of Moon in E before sunrise (occultation for eastern North America).

July 21-22 (evenings): Bright star Regulus less than 1 degree to lower left of Mars, low in W after sunset.

July 31 (evening): Bright star Spica 2 degrees to upper right of crescent Moon, in SW after sunset (occultation for South America).

August 7-10 (mornings): Mercury 2 degrees below Venus, low in ENE before sunrise.

August 22 (morning): Venus 5 degrees to upper right of thin crescent Moon, Saturn 2 degrees to lower right of Moon, very low in ENE before sunrise.

August 26 (morning): Saturn 0.5 degree below Venus, low in ENE before sunrise. Saturn 0.5 degree above Venus on August 27.

August 31 (evening): Bright star Antares 1 degree to upper right of first-quarter Moon, in SSW after sunset.

September 22 Fall equinox (9:03 p.m. MST). Sunset straight west (6:25 p.m., azimuth 270.6 degrees), sunrise straight east on

September 23 (6:17 a.m., azimuth 89.6 degrees). Always use proper eye protection when viewing the sun.

October 9 (evening): Gibbous Moon occults Pleiades star cluster (M45). Rise in ENE about 8:00 p.m., occultation from about 8:30 p.m. to 11:00 p.m.

October 16 (morning): Saturn 2 degrees to lower right of crescent Moon, high in E before sunrise.

November 8 (daytime): Mercury transits the sun, entire 5-hour transit visible from 12:12 p.m. (high in S) to 5:05 p.m. (low in WSW). Sunset 5:30 p.m.

November 13 (morning): Bright star Regulus 1 degree to lower right of last-quarter Moon, Saturn 5 degrees to upper right, very high in SE before sunrise.

November 17 - 18 (night): Leonids meteor shower. Just-before-new Moon rising about 5 a.m. will not interfere. Shower radiates from constellation Leo, which rises in E about midnight. Best time to look between midnight and dawn. Typical rate 20 meteors per hour, some years much higher. Nights of November 16 - 17 and 18 - 19 may also be good.

December 3 (evening): Full Moon occults Pleiades star cluster (M45) in E after sunset, occultation from about 6:00 to 8:00 p.m.

December 4-5 (night): Major lunar standstill: full Moon passes nearly overhead, only 6 degrees away from zenith at about 12:30 a.m.

December 9 (morning): Mercury, Mars and Jupiter form triangle within 1.5 degrees, very low in SE before sunrise. Mercury 0.2 degrees above Jupiter on December 10. Mars 0.8 degrees to lower right of Jupiter on December 11.

December 10 (morning): Saturn 1 degree to lower right of gibbous Moon, bright star Regulus 5 degrees to left, very high in SW before sunrise.

December 13 - 14 (night): Geminids meteor shower. Just-past-last-quarter Moon rising about 2 a.m. will interfere somewhat. Shower radiates from Castor in constellation Gemini, which rises in NE around 7 p.m. and is near zenith in early morning hours. Best time to look between 9 p.m. and moonrise. Typical rate 60 meteors per hour.

December 15 (morning): Bright star Spica 1 degree to upper left of crescent Moon, rising in E about 3 a.m. (occultation in South America).

December 18 (morning): Grazing occultation of magnitude 3.0 star pi Scorpii by thin crescent Moon, very low in SE before sunrise. Jupiter and Mars 8 degrees to left.

December 31 (morning): Gibbous Moon within 1 degree of Pleiades before they set in WNW about 4:45 a.m. (occultation for north-western North America)

January's Guest Speaker : Dr. William K. Hartmann

Dr. William K. Hartmann is known internationally as a scientist, writer, and painter. His research involves the origin and evolution of planets and planetary surfaces, and the small bodies of the solar system. Bill Hartmann earned his PhD in astronomy from the University of Arizona. He is the lead author of the current theory about the origin of the moon and has the distinction of being the first winner of the Carl Sagan Medal from American Astronomical Society for popular writing and artwork about astronomy.

Dr. Hartmann is also the recipient of a medal from the European Geophysical Society for his work on Mars. An asteroid was named after him for his work on planet origins and evolution.

Some of Dr. Hartmann's books will be available for purchase at the meeting.

New edition of *Grand Tour: A Traveler's Guide to the Solar System*

A Traveler's Guide to Mars

Mars Underground (Science fiction novel about Mars)

Cities of Gold (Historical novel about southern Arizona, Sonora, and the Coronado expedition of 1540, first European exploration of Arizona). Modern story set in Arizona, intertwined with a story of real Spanish characters set in 1539-40.



Daytime Astronomy by Silvio Jaconelli

It was Saturday afternoon around 2pm when I decided to walk over to the lake with a couple of pairs of binoculars. I like to watch airplanes flying overhead, as well as look at the ducks in the lake – my idea of fun!

From the night before I knew that Venus was approximately 2 hours east of the Sun, so I tried to find it in a pair of 7x35 very wide angle binoculars that used to belong to Don Wrigley; these binoculars have a field of view of over 10 degrees and are unbeatable for giving panoramic views of the sky – the smaller constellations in their entirety can fit in the field of view. Back to Venus - two hours of Right Ascension is approximately 30 degrees, so after a quick measurement I scanned the sky, and after 5 minutes sure enough – it was there. It did not look like much – just a light blob against a deep blue sky, but as plain as day (pun intended!).

I took careful note of its position in the sky and then turned to my Canon 12x36 IS binoculars – wow! The images in these binoculars are sharp to begin with – Canon makes great optics – and the image stabilization

really enhances the object being viewed. (Let me digress for a moment – handholding binoculars with high power leads to the 'shakes' which makes resolving fine detail impossible; the image stabilization of the Canon IS binoculars greatly reduces the 'shakes' allowing far more detail to be seen.) Now the edge of the planet was crystal sharp, and the phasing was so obvious; a great view of the planet at 12 power. The fact that the planet is approaching inferior conjunction greatly helped – the angular size of Venus gets huge the closer it gets to inferior conjunction. I checked the stats later - the angular size was 40 arc seconds and the planet's disc was 35% illuminated.

I then used a nearby palm tree as reference point to see if I could see Venus with the naked eye. As I panned up the tree trunk with the Canons I was amazed to see a huge but very slender crescent in the field of view – a HUGE but much more slender version of the image of Venus that I had just been observing. It was the Moon!!!! It was around 20 degrees east of the Sun, putting it around 35

hours old. It was just the faintest sliver – again a fine tribute to the Canon's optical quality – and only about a quarter of the rim was visible. Another wow!!! Unfortunately, no surface detail was visible. Now that I knew where to look, it was again easily visible to the naked eye, but the phase was so slender and the lack of contrast versus the background sky was so low that it would have been nearly impossible to notice it naked eye if you were not specifically looking for it.

Now back to Venus. Yep – using the palm tree as a guidepost, there was Venus with the naked eye. I always enjoy trying to spot Venus with the naked eye in the middle of the day, and I have had great success in doing this. It's really fun – try it. All you need is a good pair of binoculars and an estimate of the angular separation between Venus and the Sun. Remember that 15 degrees equals one hour of Right Ascension. The planet is really easy once you know where to look. The problem is that the human

(Continued on page 8)

Classified Advertisements

Antares 14mm W70 Eyepieces

Wide angle eyepiece featuring 70° AFOV and long (13-17mm) eye relief in an aluminum body with a wide rubber grip ring. Rubber eyeguard folds back for use with eyeglasses. Barrels are threaded for standard 1¼" filters and have a lock screw safety recess. Multicoated optics, blackened barrels, with top and bottom caps. I have two available. These sell for \$49 each new. I will sell one for \$30 or both for \$55.



Peter Argenziano 480-633-7479
news@eastvalleyastronomy.org

Telescope For Sale

16" f/5 Dobsonian with a John Hall mirror (Pegasus Optics). Equipped with a Novak mirror cell, spider and diagonal holder; 2" Meade rack and pinion focuser and a University Optics 11x80 finder scope.

\$1200 OBO

Contact **Bob Erdmann** at bobe@ngcic.org



16" f4.5 Meade Starfinder Eq. Mount

Optics remounted into a new tube, built by Pierre Schwarr with a JMI focuser. Includes 7, 12.5, 17, 20, and 32mm eyepieces plus 2.8 Klee Barlow, laser collimator and an Olympus OM1 camera.

Many extras! I have \$5200 invested in this telescope package, but will sell for \$2000

Dave Rainey 602-980-0582
drainey7@cox.net

Eyepieces for Sale

- 16mm Nagler Type II.....\$150
- 13mm Nagler.....\$150
- 9mm Nagler.....\$125
- 7mm Nagler.....\$125
- 4.8mm Nagler.....\$125
- 40mm Plossl 1.25".....\$60
- 32mm Wide Field 2".....\$125
- Barlow 2" 2x.....\$50
- 1.25" UHC filter.....\$40

Even though these are older designs and some of the barrels are worn, there is still plenty of good observing to do with these eyepieces.

Steve Coe at 602-789-7786 or stevecoe@ngcic.org

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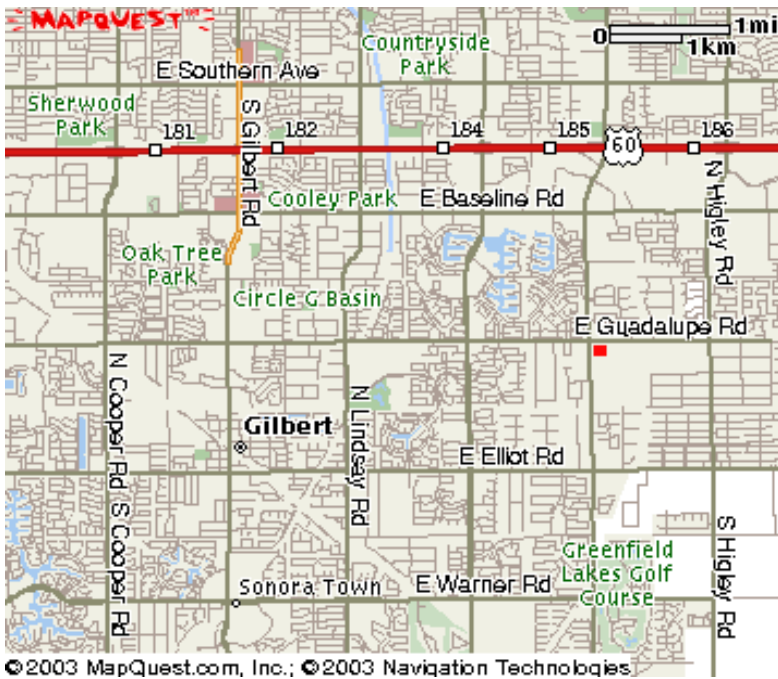
Ads should be emailed to: news@eastvalleyastronomy.org

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 dealer!*



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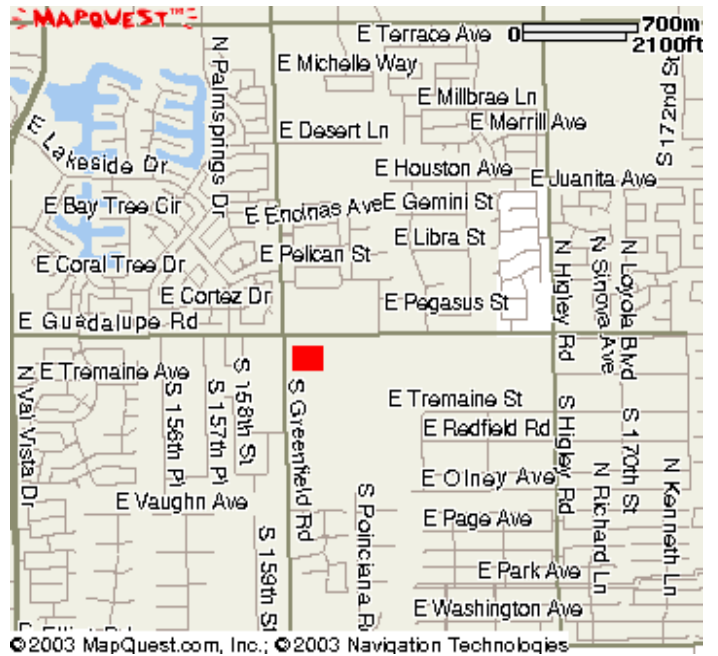
www.starizona.com



The monthly general meeting is your chance to find out what other club members are up to, learn about upcoming club events and listen to presentations by professional and well-known amateur astronomers.

Our meetings are held on the third Friday of each month, at the Southeast Regional Library in Gilbert. The library is located at 775 N. Greenfield Rd., on the southeast corner of Greenfield and Guadalupe Roads. Meetings begin at 7:30pm.

Visitors are always welcome!



Southeast Regional Library
 775 N. Greenfield Road
 Gilbert, AZ 85234

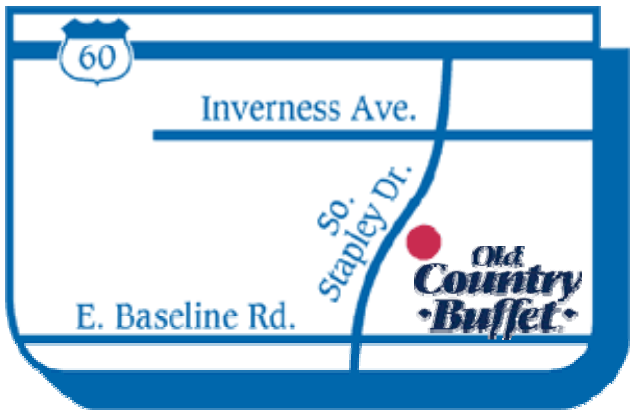


2006 Meeting Dates

January 20
 February 17
 March 17
 April 21
 May 19
 June 16
 July 21
 August 18
 September 15
 October 20
 November 17
 December 15

All are welcome to attend the pre-meeting dinner at 5:30 PM. We meet at **Old Country Buffet**, located at 1855 S. Stapley Drive in Mesa. The restaurant is in the plaza on the northeast corner of Stapley and Baseline Roads, (near the Walmart Supercenter) just south of US 60.

Old Country Buffet 1855 S. Stapley Drive in Mesa



January 2006

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Schedule of Events

- *January 13 - Public Star Party at Riparian Preserve in Gilbert*
- *January 20 - General Meeting at Southeast Regional Library in Gilbert*
- *January 21 - Local Star Party at Boyce Thompson Arboretum State Park*
- *January 27 - Zaharis Elementary School Science Fair*
- *January 28 - Deep Sky Star Party at Vekol Road*

Daytime Astronomy

(Continued from page 5)

eye is designed to home in on only a few degrees of field, so to see something as small as Venus you need to focus on a circle that is only a few degrees in diameter – everything outside this field will be out of focus or not picked up by the eye to any degree of materiality. That's why binoculars really help – they cut down on the field of view that you are looking at, as well as gathering at least 20 times the light of the naked eye making the object so much brighter. Once you know where to look, you end up wondering why you were not able to see it immediately! Back to Venus – I must have spent a solid 15 minutes just absorbing the tiny sharp crescent.....

Being this fired up, I decided to look for sun spots Well, this was a third big wow!!! There were two very large sun spot groups right in the meridian, with a third but very much smaller group trailing the first pair. Then on the very rim was a fourth group of sun spots. There was more –

granulation was plainly visible, as was a hint of plage around the sun spots on the rim. Granulation is the dimpled appearance of the Sun's disk due to the welling up of the Sun's material from it's interior (think of boiling oatmeal!), while plage is the bright areas close to sun spot groups. And the limb darkening was very obvious – this is caused by the Sun's light at the edge of the disk having to travel through a thicker layer of the Sun's atmosphere very similar to our very own terrestrial atmospheric extinction. Caution – proper filtration is essential for solar observing otherwise serious eye damage can result – if you are not sure what you are doing, do NOT try it.

Well, the airplanes and ducks just had to wait until another day – I had a great observing session right in the middle part of the day!

P.S. I checked the sky at 6pm that evening. The view was spectacular – the Moon was in Sagittarius and was a very slender crescent with the dark side visible to the naked eye; and there was a faint glow all the way

around entire rim of the disk. Surface features on the dark side were easily visible through the Canon's. To make up for missing my airplane spotting earlier in the day, an America West 737 flew through the field of view right across the Moon's disk - I wondered if that was Sam Herchak - a good observing buddy of mine who is a pilot with America West. Venus was dazzling in the sky about 10 degrees away; opposition was 17 hours later but they were still close enough to provide a very satisfying pairing. The image of Venus through the Canon's was poor – there was just so much flaring and the image was far too bright– the contrast between the target and the sky was so great that I was blinded by the light. Having the bright daytime sky as a backdrop is the best time to view Venus. And this applies to most very bright objects - the only time that I've seen banding on Jupiter with binoculars was during bright twilight. Besides, the seeing always seems better during twilight probably due to thermal equilibrium factors.

East Valley Astronomy Club -- 2006 Membership Form

Please complete this form and return it to the club Treasurer at the next meeting or mail it to EVAC, PO Box 2202, Mesa, Az, 85214-2202. Please include a check or money order made payable to EVAC for the appropriate amount.

IMPORTANT: All memberships expire on December 31 of each year.

Select one of the following:

- New Member
 Renewal
 Change of Address

New Member Dues (dues are prorated, select according to the month you are joining the club):

- | | |
|---|---|
| <input type="checkbox"/> \$30.00 Individual January through March | <input type="checkbox"/> \$22.50 Individual April through June |
| <input type="checkbox"/> \$35.00 Family January through March | <input type="checkbox"/> \$26.25 Family April through June |
| <input type="checkbox"/> \$15.00 Individual July through September | <input type="checkbox"/> \$37.50 Individual October through December |
| <input type="checkbox"/> \$17.50 Family July through September | <input type="checkbox"/> \$43.75 Family October through December |
- Includes dues for the following year*

Renewal (current members only):

- \$30.00 Individual**
 \$35.00 Family

Magazine Subscriptions (include renewal notices):

- \$34.00** Astronomy
 \$33.00 Sky & Telescope

Name Badges:

- \$10.00** Each (including postage) Quantity: _____

Name to imprint: _____

Total amount enclosed:

Please make check or money order payable to EVAC

- Payment was remitted separately using PayPal
 Payment was remitted separately using my financial institution's online bill payment feature

Name:

Phone:

Address:

Email:

City, State, Zip:

- Publish email address on website

URL:

How would you like to receive your monthly newsletter? (choose one option):

- Electronic delivery (PDF) *Included with membership*
 US Mail **Please add \$10 to the total payment**

Areas of Interest (check all that apply):

- | | |
|--|---|
| <input type="checkbox"/> General Observing | <input type="checkbox"/> Cosmology |
| <input type="checkbox"/> Lunar Observing | <input type="checkbox"/> Telescope Making |
| <input type="checkbox"/> Planetary Observing | <input type="checkbox"/> Astrophotography |
| <input type="checkbox"/> Deep Sky Observing | <input type="checkbox"/> Other |

Please describe your astronomy equipment:

Would you be interested in attending a beginner's workshop? Yes No

How did you discover East Valley Astronomy Club?

PO Box 2202
Mesa, AZ 85214-2202
www.eastvalleyastronomy.org

All members are required to have a liability release form (waiver) on file. Please complete one and forward to the Treasurer with your membership application or renewal.

Liability Release Form

In consideration of attending any publicized Star Party hosted by the East Valley Astronomy Club (hereinafter referred to as "EVAC") I hereby affirm that my family and I agree to hold EVAC harmless from any claims, liabilities, losses, demands, causes of action, suits and expenses (including attorney fees), which may directly or indirectly be connected to EVAC and/or my presence on the premises of any EVAC Star Party and related areas.

I further agree to indemnify any party indicated above should such party suffer any claims, liabilities, losses, demands, causes of action, suits and expenses (including attorney fees), caused directly or indirectly by my negligent or intentional acts, or failure to act, or if such acts or failures to act are directly or indirectly caused by any person in my family or associates while participating in an EVAC Star Party.

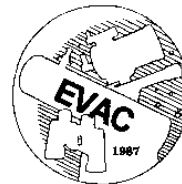
My signature upon this form also indicates agreement and acceptance on behalf of all minor children (under 18 years of age) under my care in attendance.

EVAC only recognizes those who are members or invitees and who also have a signed Liability Release Form on file as participants at an EVAC Star Party.

Please print name here

Date

Please sign name here



PO Box 2202
Mesa, AZ 85214-2202
www.eastvalleyastronomy.org

A New View of the Andromeda Galaxy

by Dr. Tony Phillips and Patrick L. Barry

This is a good time of year to see the Andromeda galaxy. When the sun sets and the sky fades to black, Andromeda materializes high in the eastern sky. You can find it with your unaided eye. At first glance, it looks like a very dim, fuzzy comet, wider than the full moon. Upon closer inspection through a backyard telescope—wow! It's a beautiful spiral galaxy.

At a distance of "only" 2 million light-years, Andromeda is the nearest big galaxy to the Milky Way, and astronomers know it better than any other. The swirling shape of Andromeda is utterly familiar.

Not anymore. A space telescope named GALEX has captured a new and different view of Andromeda. According to GALEX, Andromeda is not a spiral but a ring.

GALEX is the "Galaxy Evolution Explorer," an ultraviolet telescope launched by NASA in 2003. Its mission is to learn how galaxies are born and how they change with age. GALEX's ability to see ultraviolet (UV) light is crucial; UV radiation comes from newborn stars, so UV images of galaxies reveal star birth—the central process of galaxy evolution.

GALEX's sensitivity to UV is why Andromeda looks different. To the human eye (or to an ordinary visible-light telescope), Andromeda remains its usual self: a vast whirlpool of stars, all ages and all sizes. To GALEX, Andromeda is defined by its youngest, hottest stars. They are concentrated in the galaxy's core and scattered around a vast ring some 150,000 light years in diameter. It's utterly *unfamiliar*.

"Looking at familiar galaxies with a new wavelength, UV, allows us to get a better understanding of the proc-

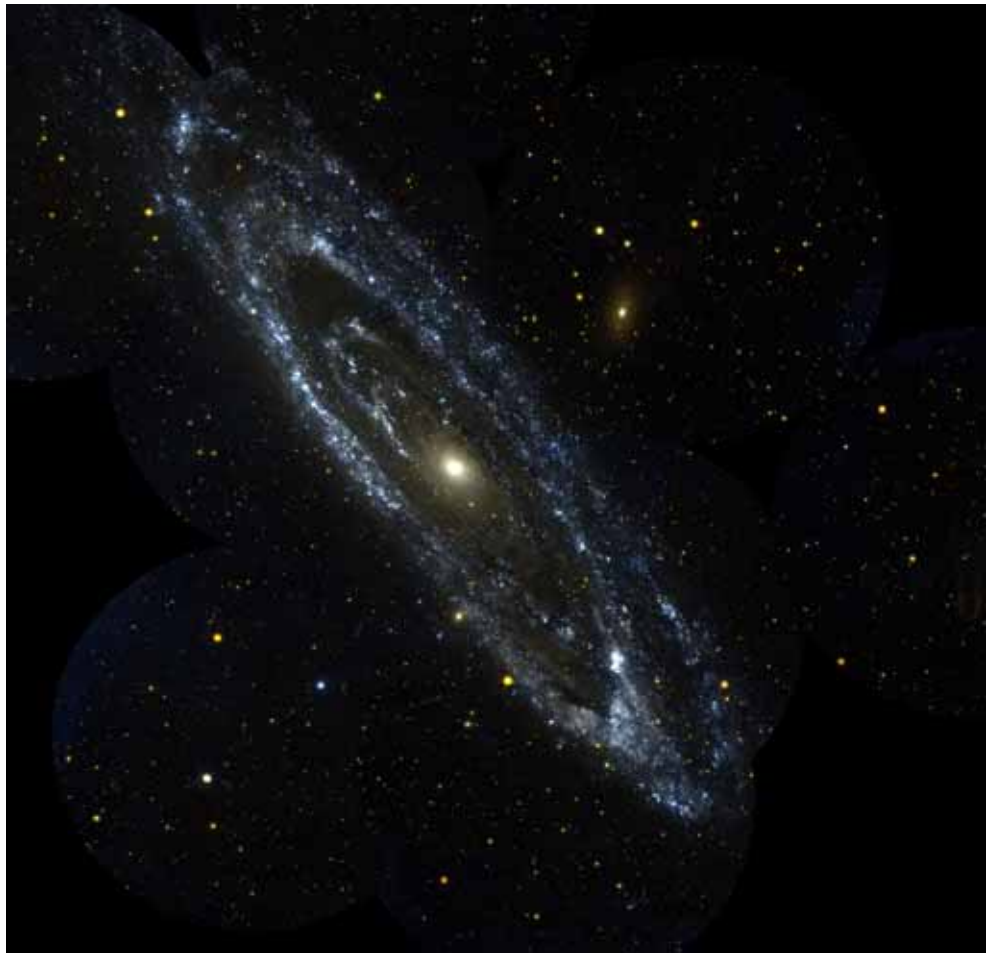
esses affecting their evolution," says Samuel Boissier, a member of the GALEX team at the Observatories of the Carnegie Institution of Washington.

Beyond Andromeda lies a whole universe of galaxies—spirals, ellipticals and irregulars, giants and dwarfs, each with its own surprising patterns of star formation. To discover those patterns, GALEX has imaged hundreds of nearby galaxies. Only a few, such as Andromeda, have been analyzed in complete detail. "We still have a lot of work to do," says Bois-

sier, enthusiastically.

GALEX has photographed an even greater number of distant galaxies—"some as far away as 10 billion light-years," Boissier adds—to measure how the rate of new star formation has changed over the universe's long history. Contained in those terabytes of data is our universe's "life story." Unraveling it will keep scientists busy for years to come.

For more about GALEX, visit www.galex.caltech.edu. Kids can see how to make a galactic art project at spaceplace.nasa.gov/en/kids/galex/art.shtml.



The GALEX telescope took this UV image of the Andromeda galaxy (M31), revealing a surprising shape not apparent in visible light.

If it's Clear...

by *Fulton Wright, Jr.*
Prescott Astronomy Club

January 2006

Shamelessly stolen information from Sky & Telescope magazine, Astronomy magazine, and anywhere else I can find info. When gauging distances, remember that the Moon is 1/2 a degree or 30 arc minutes in diameter. All times are Mountain Standard Time unless otherwise noted.

Mars is moving away, going from 12" to 9" in angular size this month. At least it is well placed for observation in the early evening.

On Sunday, January 1, about 6:00 PM, you can see the Moon and Venus, with about the same slim crescent phase, low in the southwest. If you have REALLY sharp eyes, you might be able to make out the shape of Venus with your unaided eyes, but binoculars or a small (3") telescope will make life easier. During the next 2 weeks Venus will sink lower and become a thinner crescent each

night. Happy New Year.

On Monday, January 2, around 3:00 AM (ugh) you can watch 3 of Jupiter's satellites disappear. At 2:58 Io goes into Jupiter's shadow. At 3:17 Europa goes in front of Jupiter.

At 3:32 Callisto goes in front of Jupiter. While all this is happening, Ganymede is sailing by, south of the planet.

On Tuesday, January 3, before morning twilight (about 6:15

AM) you might see some Quadrantid meteors. The radiant lies about half way between Polaris and Arcturus. With luck you will see one a minute.

On Monday, January 9, from 4:00 AM (ugh) to 4:55 AM, you can observe a couple of shadows (from Europa and Callisto) on Jupiter. At 4:51 AM you can also see Io eclipsed by Jupiter's shadow.

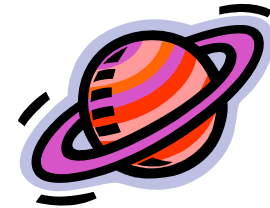
On Monday, January 9, at 7:05 PM,

you can see the Moon occult a 4th magnitude star. With binoculars or a small (3") telescope look for one of the Pleiades near the north limb of the Moon. The disappearance occurs on the dark limb, very near the terminator. The star's reappearance at 7:45 PM will be harder to observe because it happens on the bright limb.

On Saturday, January 14, at 6:02 PM (20 minutes after sunset), the full Moon rises, so forget the faint fuzzes for tonight.

On Sunday, January 29, the Moon is new so you have all night to search for faint fuzzes.

On Tuesday, January 31, Saturn is about 1/2 degree from the Beehive cluster. It has been sneaking up on the cluster all month. Look for them low in the east-northeast after sunset. Binoculars will help you see the cluster.



Special Announcement

Over the past several years EVAC has operated relatively flat financially, with gross income only slightly exceeding expenses each year. Each of the last few cabinets have wrestled with this dilemma of trying to keep expenses in check while still providing value to the membership. It's not an easy task in an era of ever-increasing costs.

Last fall the Board of Directors approved two proposals to restructure the dues assessed for membership. These proposals were ratified by the members in attendance at the October general meeting, according to voting guidelines established in the club's by-laws. Each took effect on January 1, 2006.

The first proposal established two classes of membership:

Individual membership with annual dues of \$30

Family membership with annual dues of \$35

Both memberships will be prorated quarterly, as has been our policy in the past.

All memberships will continue to expire on December 31.

The second proposal levied a \$10 annual surcharge to those members who elect to have the monthly newsletter mailed to them. In essence, this allows for a 50/50 split of the actual expense between the club and the member. Each newsletter costs about \$1.60 to print and mail, which equates to \$19.20 per year.

It is never an easy decision to raise the cost of membership, and EVAC was able to delay its first increase until its nineteenth year of existence. In addition to our existing expenses, we are projecting increases related to rental fees for property storage, increased guest speaker honorariums, improving the All-Arizona Star Party, and establishing educational programs at the Riparian-Rotary Observatory.

The governing body of EVAC is committed to continuous improvement and thanks you for your support.



A Cool Sun for Cool Music?

In the 17th century (1644 to 1737) lived a violin maker named Antonio Stradivari. His workshop was in Cremona, Italy. He made hundreds of violins, many of which are still played today. They are prized for their rich and beautiful sound, especially in the hands of master violinists.

No one has since been able to make a violin that sounds quite like a Stradivarius (a violin made by Stradivari). Just how did Stradivari make such wonderful violins? No one knows for sure, but one new idea makes a lot of sense.

Violins are made from wood. The best violins are made from very hard, dense wood. The best wood comes from trees that have grown very slowly, laying down a thin ring of dense new growth each year. Long winters and cool summers make for slow tree growth. During about 1560-1850, which included the time Stradivari made his violins, Europe (including Italy) experienced a "Little Ice Age." It was so cold that normally free-flowing rivers and canals froze over.

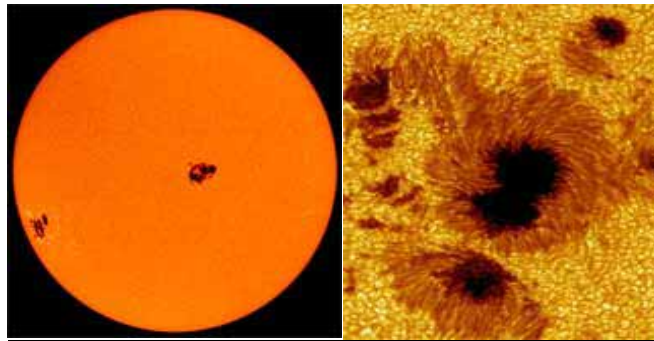
Stradivari used the hard, dense wood from the spruce trees growing during this time in a nearby forest to make his violins.

But why did Europe get so much colder than normal during these years? Only recently did scientists make the connection and figure out the most likely answer.

Astronomers have been studying the Sun for hundreds of years.

Using very special dark filters and lenses, they have studied the most obvious feature on the Sun: Sunspots.

Sunspots are areas of particularly strong magnetic forces on the Sun's surface. They appear darker than their surroundings because they are cooler. Even so, scientists have discovered that when there are lots of sunspots, the Sun is actually putting out MORE energy than when there are fewer sunspots. Sunspot activity occurs in cycles of about 11 years. But during about 1645 to 1715, hardly any sunspots were seen! From the time sunspot records were first kept until now, such a "solar rest period" has not been seen. It was during this period that Europe experienced the "Little Ice Age." It was during this time that Stradivari came along and made possibly the best violins ever from the slow-growing trees of his chilly era.



Through special DARK filters, sunspots may look like the picture on the left. The sunspot groups are as big as the giant planet Jupiter! On the right is a closeup of some other sunspots. The larger sunspot on the right is bigger than Earth! (Images courtesy SOHO (NASA & ESA) and the Royal Swedish Academy of Sciences.)

So, that is how the Sun of 300 years ago made beautiful music that we can still hear today!

OF COURSE, THEY NEVER LOOKED AT THE SUN DIRECTLY AND NEITHER SHOULD YOU!

What are Black Holes Anyway?

Here on Earth, gravity is what makes things fall down, rather than just float away, when you let go of them. Gravity is what you are measuring when you step on a scale to weigh yourself. Your weight is the amount of force that Earth's gravity exerts on you. The more matter your body contains, the more you weigh. Likewise, the more matter an object has, the stronger its gravity.

The gravity of a black hole is so strong that not even light can escape. Even if a bright star is shining right next to a black hole, you cannot see the black hole. Instead of reflecting the light as other objects do, the black hole just swallows the starlight forever. Any matter that gets too close to a black

hole gets swallowed up as well.

There are at least two kinds of black holes.

One kind is called a stellar-mass black hole. You can think of it as a "one-big-star" black hole. This type of black hole forms when a big star burns up all its fuel and explodes (called a supernova). Then what's left collapses into a supercompact object—a black hole. Stars must contain quite a bit more matter than our Sun for this to happen. So our Sun, and most stars, will never become black holes.

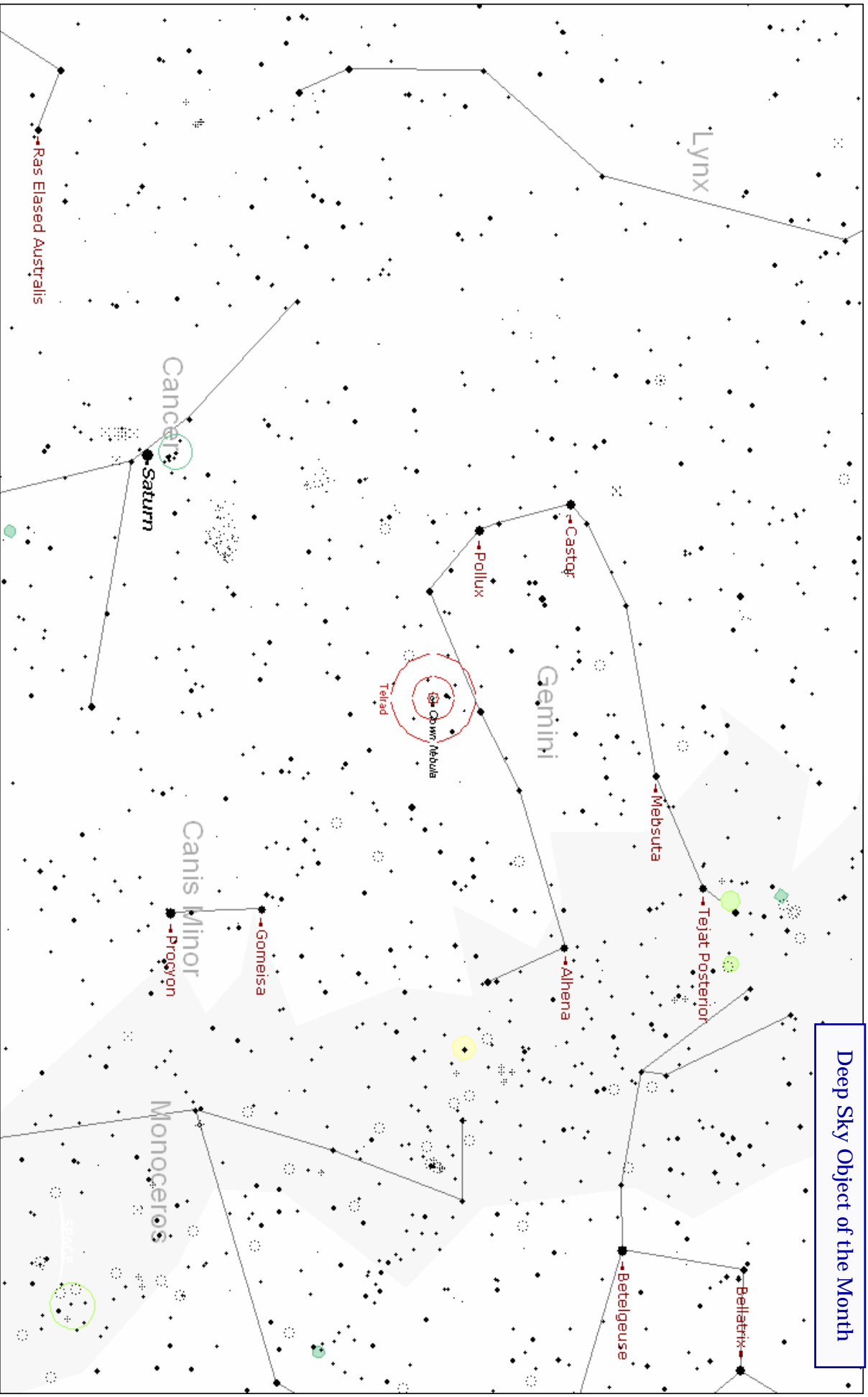
Stellar-mass black holes are only a few tens of kilometers across—maybe about 40 miles. Just imagine. Our Sun is so huge that about one million Earths would fit inside it. A star with enough

matter to become a black hole contains maybe 10 times as much matter as the Sun. Now imagine a star with that much matter, shrinking into a space no farther across than the distance you can drive a car in less than one hour!

A black hole with all the mass of Earth would be about the size of a fingernail!

Another kind of black hole is called a supermassive black hole. You can think of this type as a "million-big-star" black hole, because it contains as much matter as one million to 100 million Suns! Astronomers think that supermassive black holes are lurking at the centers of galaxies, including our own Milky Way galaxy. They don't know yet how these humongous black holes are formed.

Deep Sky Object of the Month



NGC 2392 (aka Eskimo or Clown Face Nebula) Planetary Nebula in Gemini

Magnitude: 9.9 Size: 20" Distance: 3,400 light years
RA 07h 29m 10.8s Dec +20° 54' 42" Magnitude of Central Star: 10.5

Comfortably Braving the Elements

How many times this winter have your observing sessions been cut short because you were too cold to stay outside any longer? With a little advance planning this inconvenience can become a thing of the past.

First, invest in a medium-sized duffel bag. This bag, once packed, should remain with all the other accoutrements taken with you on stargazing outings. The only time items should be removed from the bag are when they are being used in the field or when they are being laundered.

Let's start at the top: your head. A simple stocking hat is all that's needed. It is important that your chosen headwear has the ability to also cover your ears. For the coldest of nights, some may also appreciate the extra protection of a balaclava.

Next up is what's underneath, namely thermal underwear. Some prefer a separate top and bottom, while others opt for a union suit. A variety of fabrics are available: cotton, silk, wool, and assorted synthetics. Choose a comfortable fabric in a weight suited to your observing climate. Best advice is don't skimp here.

For trousers many prefer regular blue jeans. For a little extra protection perhaps flannel lined jeans

would suit you better. For the ultimate comfort consider a pair of snowboarding pants.

The upper torso is best dealt with in layers. This allows for maximum flexibility in warmth and mobility. On top of the thermal underwear you can add a turtleneck, a sweat-shirt, a light jacket, an insulated vest, a medium jacket, and/or a parka. Again, choose what suits your observing climate.

Many stargazers like the convenience of coveralls, so don't overlook this option if you find them appealing.

A scarf is an item that many appreciate having packed in their bag. It doesn't get used every time out, but you'll certainly appreciate having it when needed.

Many an observer has forgotten about their hands when it comes to equipping their bag. Ideally, you should have two pair of gloves. One lighter pair, perhaps 1/2-finger rag wool gloves and a pair of heavy, insulated gloves for the really cold nights.

Once your feet get cold, the night is usually over. When it comes to socks there are more choices than any other single item in this bag. The chosen socks should be high

enough to extend beyond the top of your chosen footwear. A smorgasbord of fabric choices, colors and weights awaits you.

The final element of this kit is the only item that may not fit into the bag itself: boots. As stated earlier, nothing can chase you home as quickly as cold feet. Since stargazing is a largely sedentary hobby, the boots worn don't have to offer much in terms of mobility. Warmth is of prime consideration. To this end boots worn by snowmobilers are ideal. Most have removable linings so they may be used when it's not too cold... or during the briskest of nights.

That's about it... now get out there and enjoy those winter constellations... in style and comfort!



Coming in February... our guest speaker will be Ted Bowell, principal investigator of the Lowell Observatory Near-Earth-Object Search (LONEOS). His topic will be 'Searching for Near-Earth Asteroids - Now and in the Future'.

Star Party Disclaimer

The East Valley Astronomy Club (EVAC) is not responsible for the property or liability of any star party participant, nor will the club be held liable for their actions or possessions. EVAC is not responsible for any vehicular damage, theft, or mechanical difficulties that may occur while attending a star party. EVAC strongly recommends adherence to the doctrine of 'safety in numbers' when it comes to remote observing sites. In the interest of safety it is recommended that you don't go to remote sites alone and that someone knows where you have gone each time you go out observing.

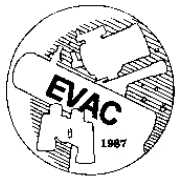
The Voyager is published monthly by the East Valley Astronomy Club and made available electronically (PDF) the first week of the month. Printed copies are available at the monthly meeting.

Please send your contributions, tips, suggestions and comments to the Editor (Peter Argenziano) at: news@eastvalleyastronomy.org

Contributions may be edited.

www.eastvalleyastronomy.org

Keep Looking Up!



East Valley Astronomy Club

PO Box 2202

Mesa, AZ 85214-2202

President: Steven Aggas

Vice President: Silvio Jaconelli

Secretary: Tom Polakis

Treasurer: Wayne Thomas

Event Coordinators: Randy Peterson & Butch Miller

Property Directors: Geneieve & Phillippe Normand

Newsletter Editor: Peter Argenziano

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