Form **990-PF**

Department of the Treasury
Internal Revenue Service

Return of Private Foundation
or Section 4947(a)(1) Nonexempt Charitable Trust Treated as a Private Foundation

Note. The foundation may be able to use a copy of this return to satisfy state reporting requirements.

OMB No 1545-0052

2012

Open to public Inspection

For calendar year 2012 or tax year beginning , **and ending**

Name of foundation: MT CUBA ASTRONOMICAL FOUNDATION

A Employer identification number: 20-5012202

Number and street (or P O box number if mail is not delivered to street address): P. O. BOX 39 | Room/suite:

B Telephone number: 320 651 0536

City or town, state, and ZIP code: MONTCHANIN, DE 19710-0039

C If exemption application is pending, check here ▶ ☐

G Check all that apply: ☐ Initial return ☐ Initial return of a former public charity ☐ Final return ☐ Amended return ☐ Address change ☐ Name change

D 1. Foreign organizations, check here ▶ ☐

2. Foreign organizations meeting the 85% test, check here and attach computation ▶ ☐

H Check type of organization: [X] Section 501(c)(3) exempt private foundation ☐ Section 4947(a)(1) nonexempt charitable trust ☐ Other taxable private foundation

E If private foundation status was terminated under section 507(b)(1)(A), check here ▶ ☐

I Fair market value of all assets at end of year *(from Part II, col. (c), line 16)* ▶$ 8,894,332.57

J Accounting method: [X] Cash ☐ Accrual ☐ Other (specify) *(Part I, column (d) must be on cash basis.)*

F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here ▶ ☐

Part I Analysis of Revenue and Expenses (The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a))

	Line		(a) Revenue and expenses per books	(b) Net investment income	(c) Adjusted net income	(d) Disbursements for charitable purposes (cash basis only)
Revenue	1	Contributions, gifts, grants, etc., received			N/A	
	2	Check ▶ [X] if the foundation is not required to attach Sch B				
	3	Interest on savings and temporary cash investments				
	4	Dividends and interest from securities	98,319.39	98,319.39		STATEMENT 1
	5a	Gross rents				
	b	Net rental income or (loss)				
	6a	Net gain or (loss) from sale of assets not on line 10	596,648.56			
	b	Gross sales price for all assets on line 6a 4,373,949.54				
	7	Capital gain net income (from Part IV, line 2)		596,648.56		
	8	Net short-term capital gain				
	9	Income modifications				
	10a	Gross sales less returns and allowances				
	b	Less Cost of goods sold				
	c	Gross profit or (loss)				
	11	Other income				
	12	**Total** Add lines 1 through 11	694,967.95	694,967.95		
Operating and Administrative Expenses	13	Compensation of officers, directors, trustees, etc	0.00	0.00		0.00
	14	Other employee salaries and wages				
	15	Pension plans, employee benefits				
	16a	Legal fees				
	b	Accounting fees STMT 2	3,000.00	0.00		3,000.00
	c	Other professional fees				
	17	Interest				
	18	Taxes STMT 3	46,859.08	0.00		46,859.08
	19	Depreciation and depletion				
	20	Occupancy				
	21	Travel, conferences, and meetings				
	22	Printing and publications				
	23	Other expenses STMT 4	120,540.81	90,649.70		29,891.11
	24	**Total operating and administrative expenses.** Add lines 13 through 23	170,399.89	90,649.70		79,750.19
	25	Contributions, gifts, grants paid	454,784.00			454,784.00
	26	**Total expenses and disbursements.** Add lines 24 and 25	625,183.89	90,649.70		534,534.19
	27	Subtract line 26 from line 12:				
	a	Excess of revenue over expenses and disbursements	69,784.06			
	b	**Net investment income** (if negative, enter -0-)		604,318.25		
	c	**Adjusted net income** (if negative, enter -0-)			N/A	

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223501 12-05-12 LHA **For Paperwork Reduction Act Notice, see instructions.**

Form **990-PF** (2012)

03480205 708332 MTCUBAFD 2012.02030 MT CUBA ASTRONOMICAL FOUNDA MTCUBAF1

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Part II Balance Sheets (Attached schedules and amounts in the description column should be for end-of-year amounts only)	Beginning of year (a) Book Value	End of year (b) Book Value	(c) Fair Market Value
Assets			
1 Cash - non-interest-bearing			
2 Savings and temporary cash investments	122,918.76	23,384.57	23,384.57
3 Accounts receivable ▶			
Less: allowance for doubtful accounts ▶			
4 Pledges receivable ▶			
Less: allowance for doubtful accounts ▶			
5 Grants receivable			
6 Receivables due from officers, directors, trustees, and other disqualified persons			
7 Other notes and loans receivable ▶			
Less: allowance for doubtful accounts ▶			
8 Inventories for sale or use			
9 Prepaid expenses and deferred charges			
10a Investments - U.S. and state government obligations			
b Investments - corporate stock STMT 5	4,714,085.75	4,883,404.00	8,870,948.00
c Investments - corporate bonds			
11 Investments - land, buildings, and equipment basis ▶			
Less accumulated depreciation ▶			
12 Investments - mortgage loans			
13 Investments - other			
14 Land, buildings, and equipment: basis ▶			
Less accumulated depreciation ▶			
15 Other assets (describe ▶)			
16 **Total assets** (to be completed by all filers)	4,837,004.51	4,906,788.57	8,894,332.57
Liabilities			
17 Accounts payable and accrued expenses			
18 Grants payable			
19 Deferred revenue			
20 Loans from officers, directors, trustees, and other disqualified persons			
21 Mortgages and other notes payable			
22 Other liabilities (describe ▶)			
23 **Total liabilities** (add lines 17 through 22)	0.00	0.00	
Net Assets or Fund Balances			
Foundations that follow SFAS 117, check here ▶ ☐ and complete lines 24 through 26 and lines 30 and 31.			
24 Unrestricted			
25 Temporarily restricted			
26 Permanently restricted			
Foundations that do not follow SFAS 117, check here ▶ [X] and complete lines 27 through 31.			
27 Capital stock, trust principal, or current funds	4,837,004.51	4,837,004.51	
28 Paid-in or capital surplus, or land, bldg., and equipment fund	0.00	0.00	
29 Retained earnings, accumulated income, endowment, or other funds	0.00	69,784.06	
30 **Total net assets or fund balances**	4,837,004.51	4,906,788.57	
31 **Total liabilities and net assets/fund balances**	4,837,004.51	4,906,788.57	

Part III Analysis of Changes in Net Assets or Fund Balances

1 Total net assets or fund balances at beginning of year - Part II, column (a), line 30 (must agree with end-of-year figure reported on prior year's return)	1	4,837,004.51
2 Enter amount from Part I, line 27a	2	69,784.06
3 Other increases not included in line 2 (itemize) ▶	3	0.00
4 Add lines 1, 2, and 3	4	4,906,788.57
5 Decreases not included in line 2 (itemize) ▶	5	0.00
6 Total net assets or fund balances at end of year (line 4 minus line 5) - Part II, column (b), line 30	6	4,906,788.57

Part IV Capital Gains and Losses for Tax on Investment Income

	(a) List and describe the kind(s) of property sold (e.g., real estate, 2-story brick warehouse; or common stock, 200 shs. MLC Co.)	(b) How acquired P - Purchase D - Donation	(c) Date acquired (mo., day, yr.)	(d) Date sold (mo., day, yr.)
1a	WILM TRUST CO. A/C 77306-000			
b				
c				
d				
e				

	(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
a	4,373,949.54		3,777,300.98	596,648.56
b				0.00
c				0.00
d				0.00
e				

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69

	(i) F.M.V. as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col. (i) over col. (j), if any	(l) Gains (Col. (h) gain minus col. (k), but not less than -0-) or Losses (from col. (h))
a				596,648.56
b				0.00
c				0.00
d				0.00
e				

2 Capital gain net income or (net capital loss) { If gain, also enter in Part I, line 7; If (loss), enter -0- in Part I, line 7 } **2** 596,648.56

3 Net short-term capital gain or (loss) as defined in sections 1222(5) and (6):
If gain, also enter in Part I, line 8, column (c).
If (loss), enter -0- in Part I, line 8 **3** N/A

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

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

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

Was the foundation liable for the section 4942 tax on the distributable amount of any year in the base period? ☐ Yes ☒ No

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

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

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col. (b) divided by col. (c))
2011	100,296.79	8,300,957.48	.012083
2010	404,594.55	7,709,270.93	.052482
2009	451,439.85	6,469,237.69	.069783
2008	195,283.00	7,964,159.00	.024520
2007	439,984.00	9,123,655.00	.048225

2	**Total** of line 1, column (d)	2	.207093
3	Average distribution ratio for the 5-year base period - divide the total on line 2 by 5, or by the number of years the foundation has been in existence if less than 5 years	3	.041419
4	Enter the net value of noncharitable-use assets for 2012 from Part X, line 5	4	8,724,312.45
5	Multiply line 4 by line 3	5	361,352.30
6	Enter 1% of net investment income (1% of Part I, line 27b)	6	6,043.18
7	Add lines 5 and 6	7	367,395.48
8	Enter qualifying distributions from Part XII, line 4	8	534,534.19

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

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

1a Exempt operating foundations described in section 4940(d)(2), check here ▶ [ ] and enter "N/A" on line 1. Date of ruling or determination letter: ______ **(attach copy of letter if necessary-see instructions)**			
b Domestic foundations that meet the section 4940(e) requirements in Part V, check here ▶ [X] and enter 1% of Part I, line 27b		1	6,043.18
c All other domestic foundations enter 2% of line 27b. Exempt foreign organizations enter 4% of Part I, line 12, col. (b).			
2 Tax under section 511 (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)		2	0.00
3 Add lines 1 and 2		3	6,043.18
4 Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only. Others enter -0-)		4	0.00
5 **Tax based on investment income.** Subtract line 4 from line 3. If zero or less, enter -0-		5	6,043.18
6 Credits/Payments:			
a 2012 estimated tax payments and 2011 overpayment credited to 2012	6a 30,000.00		
b Exempt foreign organizations - tax withheld at source	6b		
c Tax paid with application for extension of time to file (Form 8868)	6c		
d Backup withholding erroneously withheld	6d		
7 Total credits and payments. Add lines 6a through 6d		7	30,000.00
8 Enter any **penalty** for underpayment of estimated tax. Check here [ ] if Form 2220 is attached		8	0.74
9 **Tax due.** If the total of lines 5 and 8 is more than line 7, enter **amount owed** ▶		9	
10 **Overpayment.** If line 7 is more than the total of lines 5 and 8, enter the **amount overpaid** ▶		10	23,956.08
11 Enter the amount of line 10 to be: **Credited to 2013 estimated tax** ▶ 23,956.08 **Refunded** ▶		11	0.00

Part VII-A Statements Regarding Activities

		Yes	No
1a During the tax year, did the foundation attempt to influence any national, state, or local legislation or did it participate or intervene in any political campaign?	1a		X
b Did it spend more than $100 during the year (either directly or indirectly) for political purposes (see instructions for definition)?	1b		X
If the answer is "Yes" to 1a or 1b, attach a detailed description of the activities and copies of any materials published or distributed by the foundation in connection with the activities.			
c Did the foundation file **Form 1120-POL** for this year?	1c		X
d Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year: **(1)** On the foundation. ▶ $ 0.00 **(2)** On foundation managers. ▶ $ 0.00			
e Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers. ▶ $ 0.00			
2 Has the foundation engaged in any activities that have not previously been reported to the IRS? *If "Yes," attach a detailed description of the activities.*	2		X
3 Has the foundation made any changes, not previously reported to the IRS, in its governing instrument, articles of incorporation, or bylaws, or other similar instruments? *If "Yes," attach a conformed copy of the changes*	3		X
4a Did the foundation have unrelated business gross income of $1,000 or more during the year?	4a		X
b If "Yes," has it filed a tax return on **Form 990-T** for this year? N/A	4b		
5 Was there a liquidation, termination, dissolution, or substantial contraction during the year? *If "Yes," attach the statement required by General Instruction T.*	5		X
6 Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either: • By language in the governing instrument, or • By state legislation that effectively amends the governing instrument so that no mandatory directions that conflict with the state law remain in the governing instrument?	6	X	
7 Did the foundation have at least $5,000 in assets at any time during the year? *If "Yes," complete Part II, col. (c), and Part XV.*	7	X	
8a Enter the states to which the foundation reports or with which it is registered (see instructions) ▶ DE			
b If the answer is "Yes" to line 7, has the foundation furnished a copy of Form 990-PF to the Attorney General (or designate) of each state as required by *General Instruction G? If "No," attach explanation*	8b	X	
9 Is the foundation claiming status as a private operating foundation within the meaning of section 4942(j)(3) or 4942(j)(5) for calendar year 2012 or the taxable year beginning in 2012 (see instructions for Part XIV)? *If "Yes," complete Part XIV*	9		X
10 Did any persons become substantial contributors during the tax year? If "Yes," attach a schedule listing their names and addresses	10		X

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

			Yes	No
11	At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If "Yes," attach schedule (see instructions)	11		X
12	Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If "Yes," attach statement (see instructions)	12		X
13	Did the foundation comply with the public inspection requirements for its annual returns and exemption application?	13	X	

Website address ▶ N/A

14 The books are in care of ▶ ROBERT W. CRUMP Telephone no. ▶ 302 651 05636

Located at ▶ 1016 SMITHBRIDGE ROAD, WILMINGTON, DE ZIP+4 ▶ 19807

15 Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of **Form 1041** - Check here ▶ ☐

and enter the amount of tax-exempt interest received or accrued during the year ▶ 15 N/A

			Yes	No
16	At any time during calendar year 2012, did the foundation have an interest in or a signature or other authority over a bank, securities, or other financial account in a foreign country?	16		X
	See the instructions for exceptions and filing requirements for Form TD F 90-22.1. If "Yes," enter the name of the foreign country ▶			

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

	File Form 4720 if any item is checked in the "Yes" column, unless an exception applies.			Yes	No
1a	During the year did the foundation (either directly or indirectly):				
	(1) Engage in the sale or exchange, or leasing of property with a disqualified person?	☐ Yes ☒ No			
	(2) Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person?	☐ Yes ☒ No			
	(3) Furnish goods, services, or facilities to (or accept them from) a disqualified person?	☐ Yes ☒ No			
	(4) Pay compensation to, or pay or reimburse the expenses of, a disqualified person?	☐ Yes ☒ No			
	(5) Transfer any income or assets to a disqualified person (or make any of either available for the benefit or use of a disqualified person)?	☐ Yes ☒ No			
	(6) Agree to pay money or property to a government official? (**Exception**. Check "No" if the foundation agreed to make a grant to or to employ the official for a period after termination of government service, if terminating within 90 days.)	☐ Yes ☒ No			
b	If any answer is "Yes" to 1a(1)-(6), did **any** of the acts fail to qualify under the exceptions described in Regulations section 53.4941(d)-3 or in a current notice regarding disaster assistance (see instructions)?		1b		X
	Organizations relying on a current notice regarding disaster assistance check here	▶ ☐			
c	Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2012?		1c		X
2	Taxes on failure to distribute income (section 4942) (does not apply for years the foundation was a private operating foundation defined in section 4942(j)(3) or 4942(j)(5)):				
a	At the end of tax year 2012, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2012?	☐ Yes ☒ No			
	If "Yes," list the years ▶ ______, ______, ______, ______				
b	Are there any years listed in 2a for which the foundation is **not** applying the provisions of section 4942(a)(2) (relating to incorrect valuation of assets) to the year's undistributed income? (If applying section 4942(a)(2) to **all** years listed, answer "No" and attach statement - see instructions.)	N/A	2b		
c	If the provisions of section 4942(a)(2) are being applied to **any** of the years listed in 2a, list the years here. ▶ ______, ______, ______, ______				
3a	Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year?	☐ Yes ☒ No			
b	If "Yes," did it have excess business holdings in 2012 as a result of (1) any purchase by the foundation or disqualified persons after May 26, 1969; (2) the lapse of the 5-year period (or longer period approved by the Commissioner under section 4943(c)(7)) to dispose of holdings acquired by gift or bequest; or (3) the lapse of the 10-, 15-, or 20-year first phase holding period? *(Use Schedule C, Form 4720, to determine if the foundation had excess business holdings in 2012.)*	N/A	3b		
4a	Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes?		4a		X
b	Did the foundation make any investment in a prior year (but after December 31, 1969) that could jeopardize its charitable purpose that had not been removed from jeopardy before the first day of the tax year beginning in 2012?		4b		X

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

5a During the year did the foundation pay or incur any amount to:

(1) Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))? ☐ Yes ☒ No

(2) Influence the outcome of any specific public election (see section 4955); or to carry on, directly or indirectly, any voter registration drive? ☐ Yes ☒ No

(3) Provide a grant to an individual for travel, study, or other similar purposes? ☐ Yes ☒ No

(4) Provide a grant to an organization other than a charitable, etc., organization described in section 509(a)(1), (2), or (3), or section 4940(d)(2)? ☐ Yes ☒ No

(5) Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals? ☐ Yes ☒ No

b If any answer is "Yes" to 5a(1)-(5), did **any** of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance (see instructions)? N/A **5b**

Organizations relying on a current notice regarding disaster assistance check here ▶ ☐

c If the answer is "Yes" to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant? N/A ☐ Yes ☐ No

If "Yes," attach the statement required by Regulations section 53.4945-5(d).

6a Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract? ☐ Yes ☒ No

b Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract? **6b** X

If "Yes" to 6b, file Form 8870.

7a At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction? ☐ Yes ☒ No

b If "Yes," did the foundation receive any proceeds or have any net income attributable to the transaction? N/A **7b**

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

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

(a) Name and address	(b) Title, and average hours per week devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
SEE STATEMENT 6		0.00	0.00	0.00

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

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

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

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

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

(a) Name and address of each person paid more than $50,000	(b) Type of service	(c) Compensation
ASHFORD CAPITAL MANAGEMENT ONE WALKERS MILL ROAD, WILMINGTON, DE 19807	INVESTMENT MANAGEMENT	87,386.68
Total number of others receiving over $50,000 for professional services ▶		0

Part IX-A **Summary of Direct Charitable Activities**

List the foundation's four largest direct charitable activities during the tax year. Include relevant statistical information such as the number of organizations and other beneficiaries served, conferences convened, research papers produced, etc.	Expenses
1 N/A	
2	
3	
4	

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

Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2.	Amount
1 N/A	
2	
All other program-related investments. See instructions. 3	
Total. Add lines 1 through 3 ▶	0.00

Form **990-PF** (2012)

223581
12-05-12

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

1	Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes:		
a	Average monthly fair market value of securities	1a	8,802,888.00
b	Average of monthly cash balances	1b	54,282.00
c	Fair market value of all other assets	1c	
d	**Total** (add lines 1a, b, and c)	1d	8,857,170.00
e	Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation) 1e 0.00		
2	Acquisition indebtedness applicable to line 1 assets	2	0.00
3	Subtract line 2 from line 1d	3	8,857,170.00
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions)	4	132,857.55
5	**Net value of noncharitable-use assets.** Subtract line 4 from line 3. Enter here and on Part V, line 4	5	8,724,312.45
6	**Minimum investment return.** Enter 5% of line 5	6	436,215.62

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

1	Minimum investment return from Part X, line 6	1	436,215.62
2a	Tax on investment income for 2012 from Part VI, line 5 — 2a 6,043.18		
b	Income tax for 2012. (This does not include the tax from Part VI.) — 2b		
c	Add lines 2a and 2b	2c	6,043.18
3	Distributable amount before adjustments. Subtract line 2c from line 1	3	430,172.44
4	Recoveries of amounts treated as qualifying distributions	4	0.00
5	Add lines 3 and 4	5	430,172.44
6	Deduction from distributable amount (see instructions)	6	0.00
7	**Distributable amount** as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1	7	430,172.44

Part XII Qualifying Distributions (see instructions)

1	Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes:		
a	Expenses, contributions, gifts, etc. - total from Part I, column (d), line 26	1a	534,534.19
b	Program-related investments - total from Part IX-B	1b	0.00
2	Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes	2	
3	Amounts set aside for specific charitable projects that satisfy the:		
a	Suitability test (prior IRS approval required)	3a	
b	Cash distribution test (attach the required schedule)	3b	
4	**Qualifying distributions.** Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4	4	534,534.19
5	Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b	5	6,043.18
6	**Adjusted qualifying distributions** Subtract line 5 from line 4	6	528,491.01

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

Part XIII **Undistributed Income** (see instructions)

	(a) Corpus	(b) Years prior to 2011	(c) 2011	(d) 2012
1 Distributable amount for 2012 from Part XI, line 7				430,172.44
2 Undistributed income, if any, as of the end of 2012				
a Enter amount for 2011 only			355,925.45	
b Total for prior years: ______ , ______ , ______		0.00		
3 Excess distributions carryover, if any, to 2012:				
a From 2007				
b From 2008				
c From 2009				
d From 2010				
e From 2011				
f **Total** of lines 3a through e	0.00			
4 Qualifying distributions for 2012 from Part XII, line 4: ▶ $ 534,534.19				
a Applied to 2011, but not more than line 2a			355,925.45	
b Applied to undistributed income of prior years (Election required - see instructions)		0.00		
c Treated as distributions out of corpus (Election required - see instructions)	0.00			
d Applied to 2012 distributable amount				178,608.74
e Remaining amount distributed out of corpus	0.00			
5 Excess distributions carryover applied to 2012 (If an amount appears in column (d), the same amount must be shown in column (a).)	0.00			0.00
6 **Enter the net total of each column as indicated below:**				
a Corpus Add lines 3f, 4c, and 4e Subtract line 5	0.00			
b Prior years' undistributed income. Subtract line 4b from line 2b		0.00		
c Enter the amount of prior years' undistributed income for which a notice of deficiency has been issued, or on which the section 4942(a) tax has been previously assessed		0.00		
d Subtract line 6c from line 6b. Taxable amount - see instructions		0.00		
e Undistributed income for 2011. Subtract line 4a from line 2a. Taxable amount - see instr.			0.00	
f Undistributed income for 2012. Subtract lines 4d and 5 from line 1. This amount must be distributed in 2013				251,563.70
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3)	0.00			
8 Excess distributions carryover from 2007 not applied on line 5 or line 7	0.00			
9 **Excess distributions carryover to 2013.** Subtract lines 7 and 8 from line 6a	0.00			
10 Analysis of line 9:				
a Excess from 2008				
b Excess from 2009				
c Excess from 2010				
d Excess from 2011				
e Excess from 2012				

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

1 a If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2012, enter the date of the ruling ▶

b Check box to indicate whether the foundation is a private operating foundation described in section ☐ 4942(j)(3) or ☐ 4942(j)(5)

	Tax year	Prior 3 years			
	(a) 2012	(b) 2011	(c) 2010	(d) 2009	(e) Total
2 a Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed					
b 85% of line 2a					
c Qualifying distributions from Part XII, line 4 for each year listed					
d Amounts included in line 2c not used directly for active conduct of exempt activities					
e Qualifying distributions made directly for active conduct of exempt activities. Subtract line 2d from line 2c					
3 Complete 3a, b, or c for the alternative test relied upon:					
a "Assets" alternative test - enter: (1) Value of all assets					
(2) Value of assets qualifying under section 4942(j)(3)(B)(i)					
b "Endowment" alternative test - enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed					
c "Support" alternative test - enter: (1) Total support other than gross investment income (interest, dividends, rents, payments on securities loans (section 512(a)(5)), or royalties)					
(2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii)					
(3) Largest amount of support from an exempt organization					
(4) Gross investment income					

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

1 **Information Regarding Foundation Managers:**

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

NONE

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

NONE

2 **Information Regarding Contribution, Grant, Gift, Loan, Scholarship, etc., Programs:**

Check here ▶ ☐ if the foundation only makes contributions to preselected charitable organizations and does not accept unsolicited requests for funds. If the foundation makes gifts, grants, etc. (see instructions) to individuals or organizations under other conditions, complete items 2a, b, c, and d.

a The name, address, and telephone number or e-mail of the person to whom applications should be addressed:

JAMES LANG ADMINISTRATOR, 302 540-6389
P. O. BOX 4556, GREENVILLE, DE 19807

b The form in which applications should be submitted and information and materials they should include:

SEE ATTACHMENT

c Any submission deadlines:

YES SEE ATTACHMENT

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

YES SEE ATTACHMENT

Part XV Supplementary Information (continued)

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

Recipient: Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
a Paid during the year				
LOWELL OBSERVATORY 1400 MARS HILL ROAD FLAGSTAFF, AZ 86001		PUBLIC	EFFICIENCY OF THE DCT WITH UGRIZY FILTERS	32,784.00
LOWELL OBSERVATORY 1400 MARS HILL ROAD FLAGSTAFF, AZ 86001		PUBLIC	LASER GUIDE STAR CENTER LAUNCH	100,000.00
MT. CUBA ASTRONOMICAL OBSERVATORY P. O. BOX 3915 GREENVILLE, DE 19807		OPERATING PUBLIC FOUNDATION	STUDYING PULSATING STARS WITH THE WHOLE EARTH TELESCOPE	55,000.00
MT. CUBA ASTRONOMICAL OBSERVATORY P. O. BOX 3915 GREENVILLE, DE 19807		OPERATING PUBLIC FOUNDATION	VERNON LECTURE PROGRAM. DR. MARK MORRIS, THE BLACK HOLE AT THE CENTER OF OUR MILKY WAY GALAXY	11,700.00
CALTECK 1200 E CALIFORNIA BLVF. PASADENA, CA 91125		PUBLIC	ROBO-AO LASER GUIDE STAR AND SCIENCE SYSTEM	99,306.00
Total SEE CONTINUATION SHEET(S)			▶ 3a	454,784.00
b Approved for future payment				
NONE				
Total			▶ 3b	0.00

Form **990-PF** (2012)

223611
12-05-12

Part XV Supplementary Information

3 Grants and Contributions Paid During the Year (Continuation)

Recipient Name and address (home or business)	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
UNIVERSITY OF PENNSYLVANIA 3451 WALNUT STREET PHILADELPHIA, PA 19104-6205		PUBLIC	HIGH RESOLUTION STUDIES OF GALAXY CLUSTERS	85,000.00
W M KECK OBSERVATORY 65-1120 MAMALAHOA HIGHWAY KAMUELA, HI 96743		PUBLIC	KECK II, LASER GUIDE STAR ADAPTIVE OPTICS SYSTEM	70,994.00
Total from continuation sheets				155,994.00

Part XVI-A Analysis of Income-Producing Activities

Enter gross amounts unless otherwise indicated.	Unrelated business income (a) Business code	Unrelated business income (b) Amount	Excluded by section 512, 513, or 514 (c) Exclusion code	Excluded by section 512, 513, or 514 (d) Amount	(e) Related or exempt function income
1 Program service revenue:					
a					
b					
c					
d					
e					
f					
g Fees and contracts from government agencies					
2 Membership dues and assessments					
3 Interest on savings and temporary cash investments					
4 Dividends and interest from securities			14	98,319.39	
5 Net rental income or (loss) from real estate:					
a Debt-financed property					
b Not debt-financed property					
6 Net rental income or (loss) from personal property					
7 Other investment income					
8 Gain or (loss) from sales of assets other than inventory			18	596,648.56	
9 Net income or (loss) from special events					
10 Gross profit or (loss) from sales of inventory					
11 Other revenue:					
a					
b					
c					
d					
e					
12 Subtotal. Add columns (b), (d), and (e)		0.00		694,967.95	0.00

13 Total. Add line 12, columns (b), (d), and (e) 13 694,967.95

(See worksheet in line 13 instructions to verify calculations.)

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

Line No. ▼	Explain below how each activity for which income is reported in column (e) of Part XVI-A contributed importantly to the accomplishment of the foundation's exempt purposes (other than by providing funds for such purposes).

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

		Yes	No
1 Did the organization directly or indirectly engage in any of the following with any other organization described in section 501(c) of the Code (other than section 501(c)(3) organizations) or in section 527, relating to political organizations?			
a Transfers from the reporting foundation to a noncharitable exempt organization of:			
(1) Cash	1a(1)		X
(2) Other assets	1a(2)		X
b Other transactions:			
(1) Sales of assets to a noncharitable exempt organization	1b(1)		X
(2) Purchases of assets from a noncharitable exempt organization	1b(2)		X
(3) Rental of facilities, equipment, or other assets	1b(3)		X
(4) Reimbursement arrangements	1b(4)		X
(5) Loans or loan guarantees	1b(5)		X
(6) Performance of services or membership or fundraising solicitations	1b(6)		X
c Sharing of facilities, equipment, mailing lists, other assets, or paid employees	1c		X

d If the answer to any of the above is "Yes," complete the following schedule. Column (b) should always show the fair market value of the goods, other assets, or services given by the reporting foundation. If the foundation received less than fair market value in any transaction or sharing arrangement, show in column (d) the value of the goods, other assets, or services received.

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

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

b If "Yes," complete the following schedule.

(a) Name of organization	(b) Type of organization	(c) Description of relationship
N/A		

Sign Here

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

Irénée du Pont, Jr. — 1/31/13 — TREASURER

Signature of officer or trustee | Date | Title

May the IRS discuss this return with the preparer shown below (see instr)? ☐ Yes ☒ No

Paid Preparer Use Only

Print/Type preparer's name	Preparer's signature	Date	Check ☐ if self- employed	PTIN
Firm's name ▶			Firm's EIN ▶	
Firm's address ▶			Phone no.	

FORM 990-PF DIVIDENDS AND INTEREST FROM SECURITIES STATEMENT 1

SOURCE	GROSS AMOUNT	CAPITAL GAINS DIVIDENDS	COLUMN (A) AMOUNT
SECURITIES	98,319.39	0.00	98,319.39
TOTAL TO FM 990-PF, PART I, LN 4	98,319.39	0.00	98,319.39

FORM 990-PF ACCOUNTING FEES STATEMENT 2

DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST-MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
ACCOUNTING FEE	3,000.00	0.00		3,000.00
TO FORM 990-PF, PG 1, LN 16B	3,000.00	0.00		3,000.00

FORM 990-PF TAXES STATEMENT 3

DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST-MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
EXCISE TAX 2011	16,859.08	0.00		16,859.08
EXCISE TAX 2012	30,000.00	0.00		30,000.00
TO FORM 990-PF, PG 1, LN 18	46,859.08	0.00		46,859.08

FORM 990-PF OTHER EXPENSES STATEMENT 4

DESCRIPTION	(A) EXPENSES PER BOOKS	(B) NET INVEST-MENT INCOME	(C) ADJUSTED NET INCOME	(D) CHARITABLE PURPOSES
CONSULTING FEE	29,000.00	0.00		29,000.00
OFFICE SUPPLIES AND EXPENSE	891.11	0.00		891.11
INVESTMENT CUSTODIAL FEE	3,263.02	3,263.02		0.00
INVESTMENT MANAGEMENT FEE	87,386.68	87,386.68		0.00
TO FORM 990-PF, PG 1, LN 23	120,540.81	90,649.70		29,891.11

FORM 990-PF CORPORATE STOCK STATEMENT 5

DESCRIPTION	BOOK VALUE	FAIR MARKET VALUE
SECURITIES SCHEDULE ATTACHED	4,883,404.00	8,870,948.00
TOTAL TO FORM 990-PF, PART II, LINE 10B	4,883,404.00	8,870,948.00

FORM 990-PF PART VIII - LIST OF OFFICERS, DIRECTORS TRUSTEES AND FOUNDATION MANAGERS STATEMENT 6

NAME AND ADDRESS	TITLE AND AVRG HRS/WK	COMPEN-SATION	EMPLOYEE BEN PLAN CONTRIB	EXPENSE ACCOUNT
THEODORE H. ASHFORD P. O BOX 39 MONTCHANIN, DE 19710	TRUSTEE 1.00	0.00	0.00	0.00
IRENEE DU PONT, JR. P. O. BOX 39 MONTCHANIN, DE 19710	TRUSTEE 1.00	0.00	0.00	0.00
THEODORE H ASHFORD III P. O BOX 39 MONTCHANIN, DE 19710	TRUSTEE 1.00	0.00	0.00	0.00
DANIEL D. FRIEL, JR. P. O BOX 39 MONTCHANIN, DE 19710	TRUSTEE 1.00	0.00	0.00	0.00
TOTALS INCLUDED ON 990-PF, PAGE 6, PART VIII		0.00	0.00	0.00

990PF Part II, Line 10 b 20-5012202

Holdings Summary

Mt. Cuba Foundation 0134

As of December 31, 2012

Ticker	Description	Shares	Cost Per Share	Previous Close	% Gain	Total Cost	Market Value	% Port.	Yield
Common Stocks									
BDE	BLACK DIAMOND INC.	38,600	$7.14	$8.20	14.9 %	$275,491	$316,520	3.6 %	0.0 %
BRK/A	BERKSHIRE HATHAWAY A	20	$224.03	$134,060.0	59,741.3 %	$4,481	$2,681,200	30.2 %	0.0 %
BRO	BROWN & BROWN INC	8,000	$22.87	$25.46	11.3 %	$182,985	$203,680	2.3 %	1.4 %
CLB	CORE LABORATORIES NV	1,000	$35.21	$109.31	210.5 %	$35,209	$109,310	1.2 %	1.0 %
COO	COOPER COMPANIES, INC	3,300	$83.63	$92.48	10.6 %	$275,969	$305,184	3.4 %	0.1 %
CPRT	COPART INC	2,000	$13 90	$29.50	112.3 %	$27,797	$59,000	0.7 %	0.0 %
DORM	DORMAN PRODUCTS INC.	3,000	$18.51	$35.34	91.0 %	$55,520	$106,020	1.2 %	0.0 %
EBIX	EBIX INC.	14,800	$12.67	$16.12	27.3 %	$187,450	$238,576	2.7 %	1.2 %
ELLI	ELLIE MAE INC	3,000	$17.00	$27.75	63.2 %	$51,000	$83,250	0.9 %	0.0 %
ELNK	EARTHLINK, INC.	19,000	$8.40	$6.46	-23.1 %	$159,614	$122,740	1.4 %	3.1 %
EPIQ	EPIQ SYSTEMS INC	3,800	$11.83	$12.75	7.8 %	$44,954	$48,450	0.5 %	2.8 %
FEIC	FEI COMPANY	1,500	$31.72	$55.47	74.9 %	$47,585	$83,206	0.9 %	0.6 %
HAE	HAEMONETICS CORP.	2,000	$25.23	$40.84	61.9 %	$50,450	$81,680	0.9 %	0.0 %
HCSG	HEALTHCARE SERVICES GROUP	12,900	$14.28	$23.23	62.7 %	$184,214	$299,667	3.4 %	2.8 %
IACI	IAC/INTERACTIVE CORPORATION	7,500	$46.31	$47.24	2.0 %	$347,293	$354,315	4.0 %	2.0 %
IHS	IHS INC.	1,500	$37.42	$96.00	156.6 %	$56,124	$144,000	1 6 %	0.0 %
INCY	INCYTE CORP	12,000	$16.52	$16.61	0.5 %	$198,251	$199,320	2.2 %	0.0 %
KMP	KINDER MORGAN ENERGY PRTNRS	4,500	$78.49	$79.79	1.7 %	$353,209	$359,055	4.0 %	6.3 %
LGND	LIGAND PHARMACEUTICALS - CL B	7,200	$11.80	$20.74	75.8 %	$84,957	$149,328	1.7 %	0.0 %
LQDT	LIQUIDITY SERVICES	4,700	$21.51	$40.86	89.9 %	$101,115	$192,042	2.2 %	0.0 %
MKTX	MARKETAXESS HOLDINGS INC	2,500	$20.88	$35.30	69.1 %	$52,201	$88,250	1.0 %	1.2 %
NMFC	NEW MOUNTAIN FINANCE CORP	27,500	$13.78	$14.90	8.2 %	$378,860	$409,750	4.6 %	9.1 %
NUAN	NUANCE COMMUNICATIONS INC	7,500	$21.58	$22.32	3.4 %	$161,880	$167,400	1.9 %	0.0 %
ONXX	ONYX PHARMACEUTICALS INC.	1,300	$44.97	$75.53	68.0 %	$58,455	$98,189	1.1 %	0.0 %
OSUR	ORASURE TECHNOLOGIES INC.	17,600	$7.65	$7.18	-6.2 %	$134,719	$126,368	1.4 %	0.0 %
PRO	PROS HOLDINGS INC.	4,500	$16.51	$18.29	10.8 %	$74,292	$82,305	0.9 %	0.0 %
RGLD	ROYAL GOLD INC	2,300	$54.66	$81.36	48.8 %	$125,728	$187,128	2.1 %	1.0 %

Holdings Summary

Mt. Cuba Foundation 0134

As of December 31, 2012

Ticker	Description	Shares	Cost Per Share	Previous Close	% Gain	Total Cost	Market Value	% Port.	Yield
RHHBY	ROCHE HOLDINGS LTD SPONSORED ADR	4,000	$40.07	$50.25	25.4 %	$160,286	$201,016	2.3 %	3.1 %
RHT	RED HAT INC	1,500	$31.71	$52.96	67.0 %	$47,560	$79,440	0.9 %	0.0 %
ROP	ROPER INDUSTRIES, INC	1,400	$77.67	$111.48	43.5 %	$108,735	$156,072	1.8 %	0.6 %
SLW	SILVER WHEATON CORP	2,500	$6.37	$36.08	466.3 %	$15,928	$90,200	1.0 %	0.8 %
SNTS	SANTARUS INC.	35,000	$5.36	$10.98	104.9 %	$187,547	$384,300	4.3 %	0.0 %
STMP	STAMPS.COM INC.	7,000	$27.84	$25.20	-9.5 %	$194,861	$176,400	2.0 %	0.0 %
SWKS	SKYWORKS SOLUTIONS INC	4,000	$19.32	$20.30	5.1 %	$77,267	$81,200	0.9 %	0.0 %
TREE	TREE.COM INC.	5,000	$12.74	$18.03	41.6 %	$63,676	$90,150	1.0 %	0.0 %
VSAT	VIASAT INC.	3,500	$39.79	$38.90	-2.2 %	$139,248	$136,150	1.5 %	0.0 %
WAGE	WAGEWORKS INC.	7,800	$17.60	$17.80	1.2 %	$137,250	$138,840	1.6 %	0.0 %
Total Common Stocks:						**$4,842,156**	**$8,829,701**	**99.5 %**	**1.1 %**
Money Market Fund									
WGWXX	WILMINGTON US GOVT MM	0	$0.00	$1.00	0.0 %	$0	$0	0.0 %	0.0 %
Total Money Market Fund:						**$0**	**$0**	**0.0 %**	**NaN**
Cash									
000009	CASH	0	Infinity	$1.00	0 0 %	$41,247	$41,247	0.5 %	0.0 %
Total Cash:						**$41,247**	**$41,247**	**0.5 %**	**0.0 %**
Total Portfolio						**$4,883,404**	**$8,870,948**	**100.0 %**	**1.1 %**

 20-5012202

MT. CUBA ASTRONOMICAL FOUNDATION
Post Office Box 4556, Greenville, Delaware 19807

Grant Application Guidelines

Application Timing : MCAF will accept, and acknowledge receipt of, completed grant applications in any month of th year. Each will be considered and award determined as soon as practicable, generally within eight to ten weeks. We will inform each applicant promptly as to his/her status. For each award, MCAF will determine both the proper payee to be designated on the check, and the name/address to receive it via U. S. Postal Service registered mail If applications received and/or total funds requested were to peak significantly near any calendar year-end, some could be delayed into the next year, applicants being so advised.

Applications, including all attachments, should be completed and mailed in four hard-copy sets to the Foundation at the above address.

Questions? Address above, or e-mail: MCAF Grants <jamesgarvin7@comcast.net)

Eligible Expenses: Acceptable expenses are associated with research, computing costs, equipment purchase, shipping of equipment, travel to an observatory, etc.

Limitations: No awards will be made solely for salaries, administrative costs, or overhead. If use of a facility other than that in the original proposal is involved, approval from that facility must be obtained in writing before the funds will be awarded. If possible, such possibilities should be included in the original proposal.

Completed Grant Application - Format - six pages maximum:

1. Cover Page (one page) Should contain the following information:
   a. Project title (use recognizable key words), b. Total amount requested, c. Date of submission,
   d. Institution affiliation of Principal Investigator, e. Proposer's name, phone number, email and postal addresses,
   f. A summary statement (200 words maximum) of the project and expected results, and importance of the project to the scientific community,
   g. A statement that funds will be used for the requested purpose, and that an accounting will be furnished to Mt. Cuba Astronomical Foundation within eight months after receipt of the grant,
   h. Signature of the Principal Investigator and his or her next higher superior. (Superior's signature indicates only an awareness of the proposal and does not constitute an official endorsement from the institution.)
2. Project description (two pages)
   a. Include a broad statement explaining why your project is important and how the results will advance our knowledge of astronomy, astrophysics or a related area. Please note, the committee judging your proposal will not necessarily be familiar with the details of your area of research,
   b. Project justification, c. What the expected results will be,
3. Budget Page (one page)
   List proposed expenditures. Discuss possible funding help from other sources, and efforts to obtain such. Obtain receipts from vendors for major expenditures; retain and file as part of the project.
4. Curriculum Vitae (two pages)
   Provide a curriculum vitae, including most recent relevant publications. Abstracts of no more than four relevant publications may be included (in addition to two pages). A short description of the applicant's position in the institution will be helpful, noting any special circumstances, e.g., a recent change of jobs.

Grant Conditions: In submitting a completed application, the Principal Investigator and his or her institution agrees that, if the request is granted, the following conditions will be abided by: The granted funds will be used only in the manner described in the application. Equipment purchased with Mt.Cuba's grant will remain with the project for which it was purchased. If the Investigator leaves, terminates the project, or no longer needs that particular equipment, he or she must advise MCAF of the circumstances, with recommendations. Mt. Cuba may consent, provided that written assurance is given by responsible persons that the equipment will continue in use for its useful life. In the event of a major change in direction of an approved project, Mt. Cuba should be notified by the Principal Investigator, inasmuch as changes in the funding may be appropriate.

A report must be submitted at project termination, by a letter describing the particular benefits made possible by the grant, together with an accounting of expenditures made.

Acknowledgment of the Mt. Cuba Astronomical Foundation grant, summarizing the project, should appear in the customary note at the end of the final paper or report.

FORM 990 PF, PART IV, LINE 1a

20-5012202

Realized Gain/(Loss)

WILMINGTON TRUST

077306-000 MT CUBA ASTRONOMICAL FOUNDATION

From January 01, 2012 through December 31, 2012

Quantity	CUSIP	Description	Trade Date	Fed Cost	Fed LT GL	Fed ST GL
PRINCIPAL						
(85,000 0000)	06846NAA2	TENDER 85,000 UNITS OF BILL BARRETT CORP DTD 3/12/2008 5% 3/15/2028 PAYABLE 3/20/2012		(67,369 91)	17,630 09	00
(2,500 0000)	893929208	TENDER 2,500 SHARES OF TRANSCEND SERVICES INC PAYABLE 4/27/2012		(59,351 00)	00	14,399 00
(2,025 0000)	53635B107	LIQUIDITY SERVICES INC SALE TRADE AT 37 9852 ON 1/11/2012 TO SETTLE ON 1/17/2012 RECEIVABLE DUE 76,837 55	01/11/2012	(21,193 96)	55,643 59	00
(975 0000)	53635B107	LIQUIDITY SERVICES INC SALE TRADE AT 38 50 ON 1/11/2012 TO SETTLE ON 1/17/2012 RECEIVABLE DUE 37,497 77	01/11/2012	(10,487 69)	27,010 08	00
(3,300 0000)	26882D109	EPIQ SYSTEMS INC COMMON SALE TRADE AT 11 9939 ON 1/12/2012 TO SETTLE ON 1/18/2012 RECEIVABLE DUE 39,480 11	01/12/2012	(44,601 03)	(5,120 92)	00
(2,000 0000)	53635B107	LIQUIDITY SERVICES INC SALE TRADE AT 36 4389 ON 1/17/2012 TO SETTLE ON 1/20/2012 RECEIVABLE DUE 72,816 40	01/17/2012	(20,124 69)	52,691 71	00
(5,000 0000)	26882D109	EPIQ SYSTEMS INC COMMON SALE TRADE AT 11 8025 ON 1/18/2012 TO SETTLE ON 1/23/2012 RECEIVABLE DUE 58,861 36	01/18/2012	(65,326 48)	(6,465 12)	00

WILMINGTON TRUST

Realized Gain/(Loss)

077306-000 MT CUBA ASTRONOMICAL FOUNDATION

From January 01, 2012 through December 31, 2012

Quantity	CUSIP	Description	Trade Date	Fed Cost	Fed LT GL	Fed ST GL
(10,000 0000)	26882D109	EPIQ SYSTEMS INC COMMON SALE TRADE AT 12 0083 ON 1/20/2012 TO SETTLE ON 1/25/2012 RECEIVABLE DUE 119,780 69	01/20/2012	(122,449 00)	(2,668 31)	00
(500 0000)	494550106	KINDER MORGAN ENERGY PARTNERS L P UNIT LTD PARTNERSHIP INT SALE TRADE AT 88 97 ON 1/26/2012 TO SETTLE ON 1/31/2012 RECEIVABLE DUE 44,479 14	01/26/2012	(39,245 40)	00	5,233 74
(500 0000)	67020Y100	NUANCE COMMUNICATIONS INC COMMON SALE TRADE AT 27 7603 ON 1/26/2012 TO SETTLE ON 1/31/2012 RECEIVABLE DUE 13,864 88	01/26/2012	(10,596 25)	00	3,268 63
(7,000 0000)	87651B104	TASER INTERNATIONAL INC COMMON SALE TRADE AT 4.7369 ON 1/26/2012 TO SETTLE ON 1/31/2012 RECEIVABLE DUE 32,947 66	01/26/2012	(45,387 30)	.00	(12,439 64)
(300 0000)	776696106	ROPER INDUSTRIES NEW COMMON SALE TRADE AT 94 134 ON 1/27/2012 TO SETTLE ON 2/1/2012 RECEIVABLE DUE 28,236 65	01/27/2012	(23,300 40)	.00	4,936 25
(1,500 0000)	73179V103	POLYPORE INTERNATIONAL INC SALE TRADE AT 48.34 ON 1/31/2012 TO SETTLE ON 2/3/2012 RECEIVABLE DUE 72,493 60	01/31/2012	(75,778.95)	00	(3,285 35)

Realized Gain/(Loss)

077306-000 MT CUBA ASTRONOMICAL FOUNDATION

From January 01, 2012 through December 31, 2012

Quantity	CUSIP	Description	Trade Date	Fed Cost	Fed LT GL	Fed ST GL
(2,200 0000)	346563109	FORRESTER RESEARCH INC COMMON SALE TRADE AT 32 9106 ON 2/9/2012 TO SETTLE ON 2/14/2012 RECEIVABLE DUE 72,313 92	02/09/2012	(77,258.72)	00	(4,944 80)
(1,700 0000)	58471A105	MEDIDATA SOLUTIONS INC SALE TRADE AT 19 3415 ON 2/14/2012 TO SETTLE ON 2/17/2012 RECEIVABLE DUE 32,811 91	02/14/2012	(36,611 88)	.00	(3,799 97)
(1,679 0000)	26882D109	EPIQ SYSTEMS INC COMMON SALE TRADE AT 11 7833 ON 2/15/2012 TO SETTLE ON 2/21/2012 RECEIVABLE DUE 19,733 43	02/15/2012	(20,286 53)	(553 10)	00
(391 0000)	26882D109	EPIQ SYSTEMS INC COMMON SALE TRADE AT 11 8486 ON 2/16/2012 TO SETTLE ON 2/22/2012 RECEIVABLE DUE 4,620 98	02/16/2012	(4,643.02)	(22 04)	.00
(3,630 0000)	26882D109	EPIQ SYSTEMS INC COMMON SALE TRADE AT 11 8313 ON 2/16/2012 TO SETTLE ON 2/22/2012 RECEIVABLE DUE 42,874 24	02/16/2012	(43,612 60)	(738 36)	00
(2,000 0000)	58471A105	MEDIDATA SOLUTIONS INC SALE TRADE AT 18 57 ON 2/16/2012 TO SETTLE ON 2/22/2012 RECEIVABLE DUE 37,099 33	02/16/2012	(43,072 80)	00	(5,973 47)
(1,200 0000)	26882D109	EPIQ SYSTEMS INC COMMON SALE TRADE AT 11.9211 ON 2/23/2012 TO SETTLE ON 2/28/2012 RECEIVABLE DUE 14,269 06	02/23/2012	(14,242 30)	26 76	00

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Realized Gain/(Loss)

077306-000 MT CUBA ASTRONOMICAL FOUNDATION

From January 01, 2012 through December 31, 2012

Quantity	CUSIP	Description	Trade Date	Fed Cost	Fed LT GL	Fed ST GL
(600 0000)	G4095J109	GREENLIGHT CAPITAL RE LTD-A SALE TRADE AT 23 8664 ON 2/23/2012 TO SETTLE ON 2/28/2012 RECEIVABLE DUE 14,301 58	02/23/2012	(11,177 87)	3,123 71	00
(8,000 0000)	63245Q105	NATIONAL AMERICAN UNIVERSITY HOLDINGS, INC SALE TRADE AT 7 0158 ON 2/27/2012 TO SETTLE ON 3/1/2012 RECEIVABLE DUE 55,885 38	02/27/2012	(63,387 20)	(7,501 82)	00
(1,500 0000)	893929208	TRANSCEND SERVICES INC SALE TRADE AT 29.26 ON 3/7/2012 TO SETTLE ON 3/12/2012 RECEIVABLE DUE 43,870 45	03/07/2012	(36,753 90)	.00	7,116 55
(2,500 0000)	893929208	TRANSCEND SERVICES INC SALE TRADE AT 29 2076 ON 3/14/2012 TO SETTLE ON 3/19/2012 RECEIVABLE DUE 72,942 68	03/14/2012	(61,256 50)	00	11,686 18
(4,800 0000)	53220K504	LIGAND PHARMACEUTICALS INC CL B SALE TRADE AT 18 0621 ON 3/27/2012 TO SETTLE ON 3/30/2012 RECEIVABLE DUE 86,648 51	03/27/2012	(62,723 06)	00	23,925 45
(2,000 0000)	893929208	TRANSCEND SERVICES INC SALE TRADE AT 29 39 ON 3/28/2012 TO SETTLE ON 4/2/2012 RECEIVABLE DUE 58,753 68	03/28/2012	(48,245 60)	00	10,508 08
(500 0000)	756577102	RED HAT INC COMMON SALE TRADE AT 60 0303 ON 3/30/2012 TO SETTLE ON 4/4/2012 RECEIVABLE DUE 30,009 47	03/30/2012	(15,853 25)	14,156 22	.00

Realized Gain/(Loss)

077306-000 MT CUBA ASTRONOMICAL FOUNDATION

From January 01, 2012 through December 31, 2012

Quantity	CUSIP	Description	Trade Date	Fed Cost	Fed LT GL	Fed ST GL
(500 0000)	53635B107	LIQUIDITY SERVICES INC SALE TRADE AT 49 4218 ON 4/10/2012 TO SETTLE ON 4/13/2012 RECEIVABLE DUE 24,695 34	04/10/2012	(5.030 10)	19,665 24	00
(3.333 0000)	63245Q105	NATIONAL AMERICAN UNIVERSITY HOLDINGS, INC SALE TRADE AT 5 85 ON 4/16/2012 TO SETTLE ON 4/19/2012 RECEIVABLE DUE 19,397 62	04/16/2012	(25,844 30)	(6,446.68)	00
(900 0000)	140781105	CARBO CERAMICS INC COMMON SALE TRADE AT 88 7479 ON 4/17/2012 TO SETTLE ON 4/20/2012 RECEIVABLE DUE 79,862 32	04/17/2012	(92,537 28)	.00	(12,674 96)
(500 0000)	57060D108	MARKETAXESS HOLDINGS INC SALE TRADE AT 35 2577 ON 4/25/2012 TO SETTLE ON 4/30/2012 RECEIVABLE DUE 17,618 45	04/25/2012	(10.440 10)	00	7,178.35
(500 0000)	36866T103	GEN PROBE INC NEW COMMON SALE TRADE AT 81 6559 ON 4/30/2012 TO SETTLE ON 5/3/2012 RECEIVABLE DUE 40,820 78	04/30/2012	(34.372 35)	00	6,448 43
(300 0000)	53635B107	LIQUIDITY SERVICES INC SALE TRADE AT 52 8932 ON 5/1/2012 TO SETTLE ON 5/4/2012 RECEIVABLE DUE 15,858 60	05/01/2012	(3,018 06)	12,840.54	00
(500 0000)	36866T103	GEN PROBE INC NEW COMMON SALE TRADE AT 81 5365 ON 5/2/2012 TO SETTLE ON 5/7/2012 RECEIVABLE DUE 40,761 08	05/02/2012	(18,856 20)	21,904 88	00

Realized Gain/(Loss)

077306-000 MT CUBA ASTRONOMICAL FOUNDATION

From January 01, 2012 through December 31, 2012

Quantity	CUSIP	Description	Trade Date	Fed Cost	Fed LT GL	Fed ST GL
(500 0000)	36866T103	GEN PROBE INC NEW COMMON SALE TRADE AT 81 16 ON 5/4/2012 TO SETTLE ON 5/9/2012 RECEIVABLE DUE 40,572 84	05/04/2012	(16,154 29)	24,418 55	00
(300 0000)	53635B107	LIQUIDITY SERVICES INC SALE TRADE AT 61 6247 ON 5/7/2012 TO SETTLE ON 5/10/2012 RECEIVABLE DUE 18,477 99	05/07/2012	(3,018 06)	15,459 93	00
(2,500 0000)	302941109	FTI CONSULTING INC COMMON SALE TRADE AT 32 0903 ON 5/9/2012 TO SETTLE ON 5/14/2012 RECEIVABLE DUE 80,192 70	05/09/2012	(105,439.75)	00	(25,247 05)
(300 0000)	53635B107	LIQUIDITY SERVICES INC SALE TRADE AT 62 1855 ON 5/15/2012 TO SETTLE ON 5/18/2012 RECEIVABLE DUE 18,643 23	05/15/2012	(2,860 63)	15,782 60	00
(4,000 0000)	54142L109	LOGMEIN INC SALE TRADE AT 33 215 ON 5/16/2012 TO SETTLE ON 5/21/2012 RECEIVABLE DUE 132,777 02	05/16/2012	(130,025 20)	00	2,751 82
(600 0000)	53635B107	LIQUIDITY SERVICES INC SALE TRADE AT 56 8508 ON 5/17/2012 TO SETTLE ON 5/22/2012 RECEIVABLE DUE 34,085 71	05/17/2012	(5,087 78)	28,997 93	00
(1,200 0000)	04033V203	ARIBA INC COMMON SALE TRADE AT 44 8587 ON 5/22/2012 TO SETTLE ON 5/25/2012 RECEIVABLE DUE 53,781 23	05/22/2012	(11,246 20)	42,535.03	00

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Realized Gain/(Loss)

077306-000 MT CUBA ASTRONOMICAL FOUNDATION

From January 01, 2012 through December 31, 2012

Quantity	CUSIP	Description	Trade Date	Fed Cost	Fed LT GL	Fed ST GL
(8.000 0000)	431571108	HILLENBRAND INC SALE TRADE AT 18 6951 ON 5/22/2012 TO SETTLE ON 5/25/2012 RECEIVABLE DUE 149,237 44	05/22/2012	(165,110 40)	00	(15,872 96)
(2,300.0000)	04033V203	ARIBA INC COMMON SALE TRADE AT 44.9035 ON 5/23/2012 TO SETTLE ON 5/29/2012 RECEIVABLE DUE 103,206 73	05/23/2012	(21,074 73)	82,132.00	00
(1,000 0000)	02913V103	AMERICAN PUBLIC EDUCATION INC SALE TRADE AT 28.2116 ON 5/24/2012 TO SETTLE ON 5/30/2012 RECEIVABLE DUE 28,170 96	05/24/2012	(31,153 00)	(2,982 04)	00
(700 0000)	30241L109	FEI COMPANY COMMON SALE TRADE AT 46 1034 ON 5/29/2012 TO SETTLE ON 6/1/2012 RECEIVABLE DUE 32,257 65	05/29/2012	(27,533 24)	4,724.41	00
(300 0000)	53635B107	LIQUIDITY SERVICES INC SALE TRADE AT 61 7566 ON 5/29/2012 TO SETTLE ON 6/1/2012 RECEIVABLE DUE 18,520 56	05/29/2012	(2,540 13)	15,980 43	00
(500 0000)	57060D108	MARKETAXESS HOLDINGS INC SALE TRADE AT 32 2122 ON 5/29/2012 TO SETTLE ON 6/1/2012 RECEIVABLE DUE 16,095 73	05/29/2012	(10,440 10)	5,655.63	.00
(200 0000)	53635B107	LIQUIDITY SERVICES INC SALE TRADE AT 61 3752 ON 6/12/2012 TO SETTLE ON 6/15/2012 RECEIVABLE DUE 12,268.76	06/12/2012	(1,693 42)	10,575 34	00

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Realized Gain/(Loss)

077306-000 MT CUBA ASTRONOMICAL FOUNDATION

From January 01, 2012 through December 31, 2012

Quantity	CUSIP	Description	Trade Date	Fed Cost	Fed LT GL	Fed ST GL
(300 0000)	53635B107	LIQUIDITY SERVICES INC SALE TRADE AT 58 2611 ON 6/13/2012 TO SETTLE ON 6/18/2012 RECEIVABLE DUE 17,468 93	06/13/2012	(2,540 13)	14,928 80	00
(1,000.0000)	26882D109	EPIQ SYSTEMS INC COMMON SALE TRADE AT 11 6953 ON 6/21/2012 TO SETTLE ON 6/26/2012 RECEIVABLE DUE 11,675 03	06/21/2012	(11,800 90)	(125 87)	00
(300 0000)	30241L109	FEI COMPANY COMMON SALE TRADE AT 49 5903 ON 6/21/2012 TO SETTLE ON 6/26/2012 RECEIVABLE DUE 14,870 75	06/21/2012	(11,409.48)	3,461.27	00
(1,100 0000)	925815102	VICOR CORP COMMON SALE TRADE AT 6 2178 ON 6/21/2012 TO SETTLE ON 6/26/2012 RECEIVABLE DUE 6,817 42	06/21/2012	(17,253 61)	(10,436 19)	00
(1,700 0000)	802817304	SANTARUS INC COMMON SALE TRADE AT 6 9729 ON 6/25/2012 TO SETTLE ON 6/28/2012 RECEIVABLE DUE 11,819 66	06/25/2012	(8,448 49)	00	3,371 17
(1,900 0000)	925815102	VICOR CORP COMMON SALE TRADE AT 6 4032 ON 6/25/2012 TO SETTLE ON 6/28/2012 RECEIVABLE DUE 12,127 80	06/25/2012	(28,499 43)	(16,371 63)	.00
(1,000 0000)	896239100	TRIMBLE NAVIGATION LTD COMMON SALE TRADE AT 45 405 TO SETTLE ON 7/2/2012 RECEIVABLE DUE 45,383 98	06/27/2012	(55,608 70)	00	(10,224 72)

Realized Gain/(Loss)

077306-000 MT CUBA ASTRONOMICAL FOUNDATION

From January 01, 2012 through December 31, 2012

Quantity	CUSIP	Description	Trade Date	Fed Cost	Fed LT GL	Fed ST GL
(1,000 0000)	258278100	SOLD 1000 SHARES OF DORMAN PRODUCTS INC AT 25 8709 TRADE DATE 2012-07-03 SETTLEMENT DATE 2012-07-09 $25,850 32 CASH RECEIVABLE	07/03/2012	(18,520 00)	00	7,330 32
(500 0000)	30241L109	SOLD 500 SHARES OF FEI CO AT 48 732 TRADE DATE 2012-07-03 SETTLEMENT DATE 2012-07-09 $24,355 45 CASH RECEIVABLE	07/03/2012	(19,015 80)	5,339 65	00
(500 0000)	683399109	SOLD 500 SHARES OF ONYX PHARMACEUTICALS INC AT 68 7257 TRADE DATE 2012-07-03 SETTLEMENT DATE 2012-07-09 $34,352 08 CASH RECEIVABLE	07/03/2012	(23,392 95)	00	10,959 13
(500 0000)	896239100	SOLD 500 SHARES OF TRIMBLE NAV LTD COM AT 47 442 TRADE DATE 2012-07-03 SETTLEMENT DATE 2012-07-09 $23,710 46 CASH RECEIVABLE	07/03/2012	(27,804 35)	00	(4,093 89)
(2,200 0000)	802817304	SOLD 2200 SHARES OF SANTARUS INC AT 7 1373 TRADE DATE 2012-07-06 SETTLEMENT DATE 2012-07-11 $15,674 20 CASH RECEIVABLE	07/06/2012	(10,933 34)	00	4,740 86
(800 0000)	802817304	SOLD 800 SHARES OF SANTARUS INC AT 7 1282 TRADE DATE 2012-07-06 SETTLEMENT DATE 2012-07-11 $5,686 43 CASH RECEIVABLE	07/06/2012	(3,975 76)	00	1,710 67
(1,500 0000)	896239100	SOLD 1500 SHARES OF TRIMBLE NAV LTD COM AT 45 3768 TRADE DATE 2012-07-10 SETTLEMENT DATE 2012-07-13 $68,018 67 CASH RECEIVABLE	07/10/2012	(83,413 05)	00	(15,394 38)
(300 0000)	776696106	SOLD 300 SHARES OF ROPER INDUSTRIES INC AT 94 5529 TRADE DATE 2012-07-16 SETTLEMENT DATE 2012-07-19 $28,361 48 CASH RECEIVABLE	07/16/2012	(23,300 40)	00	5,061 08
(500 0000)	25659T107	SOLD 500 SHARES OF DOLBY LABORATORIES INC CL A AT 36 1659 TRADE DATE 2012-07-17 SETTLEMENT DATE 2012-07-20 $18,072 54 CASH RECEIVABLE	07/17/2012	(22,008 95)	.00	(3,936 41)
(1,000 0000)	30241L109	SOLD 1000 SHARES OF FEI CO AT 46 8091 TRADE DATE 2012-07-17 SETTLEMENT DATE 2012-07-20 $46,778 05 CASH RECEIVABLE	07/17/2012	(38,031 60)	8,746 45	00
(700 0000)	232572107	SOLD 700 SHARES OF CYMER INC AT 59 4554 TRADE DATE 2012-07-18 SETTLEMENT DATE 2012-07-23 $41,596 84 CASH RECEIVABLE	07/18/2012	(38,372 01)	00	3,224 83
(500 0000)	30241L109	SOLD 500 SHARES OF FEI CO AT 46 9374 TRADE DATE 2012-07-24 SETTLEMENT DATE 2012-07-27 $23,458 17 CASH RECEIVABLE	07/24/2012	(19,015 80)	4,442 37	00
(2,000 0000)	802817304	SOLD 2000 SHARES OF SANTARUS INC AT 6 9604 TRADE DATE 2012-07-24 SETTLEMENT DATE 2012-07-27 $13,880 48 CASH RECEIVABLE	07/24/2012	(9,939 40)	00	3,941 08

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Realized Gain/(Loss)

077306-000 MT CUBA ASTRONOMICAL FOUNDATION

From January 01, 2012 through December 31, 2012

Quantity	CUSIP	Description	Trade Date	Fed Cost	Fed LT GL	Fed ST GL
(1,000 0000)	25659T107	SOLD 1000 SHARES OF DOLBY LABORATORIES INC CL A AT 35 05 TRADE DATE 2012-07-27 SETTLEMENT DATE 2012-08-01 $35,029 21 CASH RECEIVABLE	07/27/2012	(44,017 90)	00	(8,988 69)
(3,461 0000)	63245Q105	SOLD 3461 SHARES OF NATIONAL AMERICAN UNIVERSITY AT 4 1022 TRADE DATE 2012-07-30 SETTLEMENT DATE 2012-08-02 $14,154 13 CASH RECEIVABLE	07/30/2012	(25,957 50)	(11,803 37)	00
(13,539 0000)	63245Q105	SOLD 13539 SHARES OF NATIONAL AMERICAN UNIVERSITY AT 4 1184 TRADE DATE 2012-07-31 SETTLEMENT DATE 2012-08-03 $55,588 53 CASH RECEIVABLE	07/31/2012	(72,167 92)	(16,579 39)	00
(500 0000)	54142L109	SOLD 500 SHARES OF LOGMEIN INC AT 19 5657 TRADE DATE 2012-08-07 SETTLEMENT DATE 2012-08-10 $9,762 63 CASH RECEIVABLE	08/07/2012	(16,253 15)	00	(6,490 52)
(1,000 0000)	28849P100	SOLD 1000 SHARES OF ELLIE MAE INC AT 25 8851 TRADE DATE 2012-08-24 SETTLEMENT DATE 2012-08-29 $25,854.52 CASH RECEIVABLE	08/24/2012	(17,000 00)	00	8,854 52
(11,000 0000)	034754101	SOLD 11000 SHARES OF ANGIE'S LIST INC AT 9 0126 TRADE DATE 2012-08-28 SETTLEMENT DATE 2012-08-31 $98,998 87 CASH RECEIVABLE	08/28/2012	(154,755 86)	00	(55,756 99)
(300 0000)	451734107	SOLD 300 SHARES OF IHS INC CL A AT 111 7828 TRADE DATE 2012-08-30 SETTLEMENT DATE 2012-09-05 $33,530 33 CASH RECEIVABLE	08/30/2012	(16,182 64)	17,347 69	00
(1,000 0000)	258278100	SOLD 1000 SHARES OF DORMAN PRODUCTS INC AT 30 0378 TRADE DATE 2012-09-14 SETTLEMENT DATE 2012-09-19 $30,017 12 CASH RECEIVABLE	09/14/2012	(18,506 70)	00	11,510 42
(500 0000)	28849P100	SOLD 500 SHARES OF ELLIE MAE INC AT 29 2604 TRADE DATE 2012-09-14 SETTLEMENT DATE 2012-09-19 $14,619 87 CASH RECEIVABLE	09/14/2012	(8,500 00)	00	6,119 87
(900 0000)	451734107	SOLD 900 SHARES OF IHS INC CL A AT 116 67 TRADE DATE 2012-09-14 SETTLEMENT DATE 2012-09-19 $104,982 64 CASH RECEIVABLE	09/14/2012	(41,308 99)	63,673 65	00
(4,500 0000)	894675107	SOLD 4500 SHARES OF TREE COM INC AT 16 3689 TRADE DATE 2012-09-14 SETTLEMENT DATE 2012-09-19 $73,568 40 CASH RECEIVABLE	09/14/2012	(57,532 95)	00	16,035 45
(2,500 0000)	25659T107	SOLD 2500 SHARES OF DOLBY LABORATORIES INC CL A AT 34 8084 TRADE DATE 2012-09-20 SETTLEMENT DATE 2012-09-25 $86,919.05 CASH RECEIVABLE	09/20/2012	(108,728 55)	00	(21,809 50)

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Realized Gain/(Loss)

077306-000 MT CUBA ASTRONOMICAL FOUNDATION

From January 01, 2012 through December 31, 2012

Quantity	CUSIP	Description	Trade Date	Fed Cost	Fed LT GL	Fed ST GL
(3,318 0000)	925815102	SOLD 3318 SHARES OF VICOR CORP AT 6 6009 TRADE DATE 2012-09-20 SETTLEMENT DATE 2012-09-25 $21,834 93 CASH RECEIVABLE	09/20/2012	(37,954 84)	(12,162.75)	(3,957 16)
(2,682.0000)	925815102	SOLD 2682 SHARES OF VICOR CORP AT 6 5798 TRADE DATE 2012-09-24 SETTLEMENT DATE 2012-09-27 $17,592 98 CASH RECEIVABLE	09/24/2012	(23,437 13)	00	(5,844 15)
(600 0000)	232572107	SOLD 600 SHARES OF CYMER INC AT 51 8222 TRADE DATE 2012-09-25 SETTLEMENT DATE 2012-09-28 $31,074 62 CASH RECEIVABLE	09/25/2012	(19,627 56)	11,447 06	00
(500 0000)	57060D108	SOLD 500 SHARES OF MARKETAXESS HOLDINGS INC AT 31 2734 TRADE DATE 2012-09-26 SETTLEMENT DATE 2012-10-01 $15,616 34 CASH RECEIVABLE	09/26/2012	(10,440 10)	5,176 24	00
(500 0000)	57060D108	SOLD 500 SHARES OF MARKETAXESS HOLDINGS INC AT 30 438 TRADE DATE 2012-09-26 SETTLEMENT DATE 2012-10-01 $15,198 65 CASH RECEIVABLE	09/26/2012	(10,440.10)	4,758 55	00
(3,000 0000)	G4095J109	SOLD 3000 SHARES OF GREENLIGHT CAPITAL RE LTD AT 25 5039 TRADE DATE 2012-10-09 SETTLEMENT DATE 2012-10-12 $76,449 98 CASH RECEIVABLE	10/09/2012	(55,715.40)	20,734 58	00
(1,400 0000)	232572107	SOLD 1400 SHARES OF CYMER INC AT 76 0171 TRADE DATE 2012-10-17 SETTLEMENT DATE 2012-10-22 $106,379.55 CASH RECEIVABLE	10/17/2012	(47,887 91)	56,254 63	2,237 01
(2,000.0000)	894675107	SOLD 2000 SHARES OF TREE COM INC AT 15 2112 TRADE DATE 2012-10-17 SETTLEMENT DATE 2012-10-22 $30,381.71 CASH RECEIVABLE	10/17/2012	(25,570 20)	00	4,811 51
(500 0000)	28849P100	SOLD 500 SHARES OF ELLIE MAE INC AT 22 069 TRADE DATE 2012-10-22 SETTLEMENT DATE 2012-10-25 $11,024 25 CASH RECEIVABLE	10/22/2012	(8,500 00)	00	2,524 25
(500 0000)	30241L109	SOLD 500 SHARES OF FEI CO AT 50 6001 TRADE DATE 2012-10-22 SETTLEMENT DATE 2012-10-25 $25,289 48 CASH RECEIVABLE	10/22/2012	(15 861 50)	9,427 98	00
(500 0000)	57060D108	SOLD 500 SHARES OF MARKETAXESS HOLDINGS INC AT 30 7003 TRADE DATE 2012-10-22 SETTLEMENT DATE 2012-10-25 $15,339 80 CASH RECEIVABLE	10/22/2012	(10,440 10)	4,899 70	00
(1,000 0000)	683399109	SOLD 1000 SHARES OF ONYX PHARMACEUTICALS INC AT 84 1193 TRADE DATE 2012-10-22 SETTLEMENT DATE 2012-10-25 $84,077 41 CASH RECEIVABLE	10/22/2012	(46,741 00)	00	37,336 41

Realized Gain/(Loss)

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077306-000 MT CUBA ASTRONOMICAL FOUNDATION

From January 01, 2012 through December 31, 2012

Quantity	CUSIP	Description	Trade Date	Fed Cost	Fed LT GL	Fed ST GL
(3,500 0000)	74346Y103	SOLD 3500 SHARES OF PROS HOLDINGS INC AT 18 3478 TRADE DATE 2012-10-22 SETTLEMENT DATE 2012-10-25 $64,110 86 CASH RECEIVABLE	10/22/2012	(62,820 10)	00	1,290 76
(3,000 0000)	83088M102	SOLD 3000 SHARES OF SKYWORKS SOLUTIONSINC AT 22 2958 TRADE DATE 2012-10-22 SETTLEMENT DATE 2012-10-25 $66,795 90 CASH RECEIVABLE	10/22/2012	(80,458 20)	00	(13.662 30)
(4,000 0000)	894675107	SOLD 4000 SHARES OF TREE COM INC AT 14 5644 TRADE DATE 2012-10-22 SETTLEMENT DATE 2012-10-25 $58,176 29 CASH RECEIVABLE	10/22/2012	(51,065 55)	00	7,110 74
(500 0000)	232572107	SOLD 500 SHARES OF CYMER INC AT 75 9023 TRADE DATE 2012-10-23 SETTLEMENT DATE 2012-10-26 $37,930 29 CASH RECEIVABLE	10/23/2012	(26.807 65)	00	11,122 64
(4,500 0000)	20564W105	SOLD 4500 SHARES OF COMSCORE INC AT 13.985 TRADE DATE 2012-10-24 SETTLEMENT DATE 2012-10-29 $62,841 09 CASH RECEIVABLE	10/24/2012	(92,857 85)	(30,016 76)	00
(1,500 0000)	20564W105	SOLD 1500 SHARES OF COMSCORE INC AT 14 0978 TRADE DATE 2012-10-25 SETTLEMENT DATE 2012-10-30 $21,101 22 CASH RECEIVABLE	10/25/2012	(21,788 85)	(687 63)	00
(4,500 0000)	20564W105	SOLD 4500 SHARES OF COMSCORE INC AT 13 606 TRADE DATE 2012-11-08 SETTLEMENT DATE 2012-11-14 $61,090 62 CASH RECEIVABLE	11/08/2012	(87,578 85)	(396 20)	(26,092 03)
(700 0000)	232572107	SOLD 700 SHARES OF CYMER INC AT 80 1663 TRADE DATE 2012-11-08 SETTLEMENT DATE 2012-11-14 $56,106 40 CASH RECEIVABLE	11/08/2012	(35.993 21)	00	20,113 19
(800 0000)	232572107	SOLD 800 SHARES OF CYMER INC AT 80 0081 TRADE DATE 2012-11-09 SETTLEMENT DATE 2012-11-15 $63,981 04 CASH RECEIVABLE	11/09/2012	(40,988 56)	00	22,992 48
(2,000 0000)	83088M102	SOLD 2000 SHARES OF SKYWORKS SOLUTIONSINC AT 19 5849 TRADE DATE 2012-12-14 SETTLEMENT DATE 2012-12-19 $39,088 92 CASH RECEIVABLE	12/14/2012	(42,317 40)	00	(3.228 48)
TOTAL PRINCIPAL **(283,233.0000)**				**(3,777,300.98)**	**570,515.11**	**26,133.45**

Totaling various currencies across portfolios and/or accounts will not produce accurate results as security valuations are presented in their respective local currencies

*** Only gains and losses occurring within the specified date range appear on this report ***

$596,648.56