Pickens Thomas Boone III Form 4 September 16, 2011

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB 3235-0287 Number:

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Check this box if no longer subject to Section 16. Form 4 or

Form 5 obligations may continue.

See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * Pickens Thomas Boone III

2. Issuer Name and Ticker or Trading Symbol

ASTROTECH Corp \WA\ [ASTC]

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

(Last)

(First) (Middle) 3. Date of Earliest Transaction

Director

X 10% Owner

401 CONGRESS AVENUE, SUITE

(State)

1650

09/13/2011

(Month/Day/Year)

X_ Officer (give title below)

__Other (specify

Chief Executive Officer

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

(Instr. 4)

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

AUSTIN, TX 78701

(Instr. 3)

(City) (Zip) 1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year)

3. 4. Securities Execution Date, if TransactionAcquired (A) or Code Disposed of (D)

(Instr. 8)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I)

(Instr. 4)

(A)

(Instr. 3, 4 and 5)

Reported Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

Following

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

(Month/Day/Year)

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Number of	6. Date Exercisable and	7. Title and Amount of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	orDerivative	Expiration Date	Underlying Securities
Security	or Exercise		any	Code	Securities	(Month/Day/Year)	(Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year) (Instr.			Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)						
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Options	\$ 0.71	09/13/2011		A		112,500		<u>(1)</u>	09/13/2021	Common Stock	112,500	

Reporting Owners

Reporting Owner Name / Address	Relationships					
reporting owner runner runners	Director	10% Owner	Officer	Other		
Pickens Thomas Boone III 401 CONGRESS AVENUE SUITE 1650 AUSTIN, TX 78701		X	Chief Executive Officer			

Signatures

/s/ Thomas
Pickens

**Signature of Reporting Person

O9/16/2011

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The Stock Options vest upon Astrotech Corporation achieving a stock price of \$1.50 or pursuant to the Astrotech Corporation 2011 Stock Incentive Plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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