ASPEN TECHNOLOGY INC /DE/

Form 4

February 01, 2008

FORM 4

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

OMB 3235-0287 Number:

OMB APPROVAL

if no longer subject to Section 16.

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005 Estimated average

0.5

Form 4 or Form 5 obligations may continue.

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

burden hours per response...

See Instruction

1(b).

(Print or Type Responses)

Symbol ASPEN TECHNOLOGY INC /DE/ [AZPN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
3. Date of Earliest Transaction (Month/Day/Year) 01/30/2008	Director 10% OwnerX Officer (give title Other (special below) EVP, Field Operations		
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 Person		
	ASPEN TECHNOLOGY INC /DE/ [AZPN] 3. Date of Earliest Transaction (Month/Day/Year) 01/30/2008 4. If Amendment, Date Original		

(City)	(State)	Zip) Table	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned						
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securin (A) or Di (Instr. 3,	spose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	01/30/2008		M	625	A	(1)	2,757	D	
Common Stock (2)	01/30/2008		F	238	D	\$ 13.02	2,519	D	
Common Stock							270	I	By IRA
Common Stock							1,068	I	Held by spouse by IRA

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

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(9-02)

SEC 1474

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

	Title of	2.	3. Transaction Date		4.	5. Number	6. Date Exer		7. Title and A		
S	erivative ecurity nstr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	execution Date, if any (Month/Day/Year)	Transacti Code (Instr. 8)	Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	· · · · · ·		Underlying Securities (Instr. 3 and 4)		Deriva Securit (Instr.
					Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
S	estricted tock Inits	(1)	01/30/2008		M	625	(3)	(3)	Common Stock	625	<u>(1)</u>

Reporting Owners

Reporting Owner Name / Address	ixciationsimps						
	Director	10% Owner	Officer	Other			

Pietri Antonio J

C/O ASPEN TECHNOLOGY, INC. EVP, Field 200 WHEELER ROAD Operations BURLINGTON, MA 01803

Signatures

/s/ F. G. Hammond, Attorney-in-Fact 02/01/2008

**Signature of Reporting Person 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) Each restricted stock unit represents a contingent right to receive one share of Aspen Technology, Inc. common stock.
- (2) Shares withheld by Registrant to satisfy statutory tax withholding requirements on vesting of restricted stock units and distribution of stock.

(3)

Reporting Owners 2

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The restricted stock unit vested as to 25% on achievement of specified performance goals in the fiscal year ending June 30, 2007 and the balance vests in 12 equal quarterly installments thereafter.

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.