# SEC Form 4

# FORM 4

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

OMB APPROVAL

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6. Individual or Joint/Group Filing (Check Applicable

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

Line) Х

Person

OMB Number:	3235-0287							
Estimated average burden								
hours per response:	0.5							

10% Owner Other (specify below)

	obligations may continue. See Instruction 1(b).	Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934			hours per respon	nse:	
		or Section 30(h) of the Investment Company Act of 1940					
1. Name and Address of Reporting Person* CASEY DONALD P		2. Issuer Name and Ticker or Trading Symbol ASPEN TECHNOLOGY INC /DE/ [ AZPN		ationship of Rep ( all applicable)	Reporting Person(s) to Issuer		
	CASET DONALD P	1	X	Director		10% Owne	
	(Last) (First) (Middle)			Officer (give below)	title	Other (spec below)	
	C/O ASPEN TECHNOLOGY, INC.	3. Date of Earliest Transaction (Month/Day/Year) 08/02/2010		,		,	
	200 WHEELER ROAD						

BURLINGTON	MA	01803
(City)	(State)	(Zip)

## (Zip)

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

### 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)	Transaction Code (Instr.		4. Securities Disposed Of 5)			Securities Beneficially	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(Instr. 4)
Common Stock <sup>(1)</sup>	08/02/2010		Α		1,742	A	<b>\$0.00</b> <sup>(2)</sup>	11,492	D	

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code ( 8)		of		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Common Stock Option (Right to Buy)	\$10.93	08/02/2010		A		3,300		08/02/2010 <sup>(3)</sup>	08/01/2020	Common Stock	3,300	\$0.00	3,300	D	

Explanation of Responses:

1. Each Restricted Stock Unit represents a contingent right to receive one share of Aspen Technology, Inc. common stock.

2. Restricted Stock Units do not have an exercise price.

3. The option granted at the exercise price of \$10.93 was fully vested on the date of grant.

## /s/ F.G. Hammond, Attorney-

08/04/2010

\*\* Signature of Reporting Person Date

in-fact

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

Check this box if no longer subject to Section 16. Form 4 or Form 5

#### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP