#### STEPHANS PETER N

Form 5

August 14, 2009

#### **OMB APPROVAL** FORM 5 **OMB**

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

no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction

Check this box if

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 1.0

Number:

Expires:

3235-0362

January 31,

2005

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4

Transactions Reported

1. Name and Address of Reporting Person * STEPHANS PETER N			2. Issuer Name and Ticker or Trading Symbol CARPENTER TECHNOLOGY CORP [CRS]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 06/30/2009	_X Director 10% Owner Officer (give title below) Other (specify below)			
CARPENTE							
CORPORAT	ION, PO E	3OX 14662					
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Reporting			

### READING, PAÂ 19612-4662

\_X\_ Form Filed by One Reporting Person Form Filed by More than One Reporting

(check applicable line)

(City)	(State)	(Zip) Tabl	e I - Non-Der	ivative Se	curitie	es Acquir	ed, Disposed of	, or Beneficiall	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securi (A) or Di (Instr. 3,	(A) or	d of (D)	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	12/17/2008	Â	G	739	D	\$ 20.52	38,931 (1)	D	Â
Common Stock	12/17/2008	Â	G	739	D	\$ 20.52	38,931 (2)	I	By spouse in trust
Common Stock	Â	Â	Â	Â	Â	Â	7,400 (3)	I	Spouse of Trustee
Common	Â	Â	Â	Â	Â	Â	7,400 (3)	I	Spouse of

Stock Trustee

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

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 control number.

SEC 2270 (9-02)

8. Properties Secution (Inst

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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8 II S (
					(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Units	Â	Â	Â	Â	Â	(5)	(5)	Common Stock	9,002.77	

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

STEPHANS PETER N CARPENTER TECHNOLOGY CORPORATION PO BOX 14662

 $\hat{A} X \qquad \hat{A} \qquad \hat{A} \qquad \hat{A}$ 

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# **Signatures**

Oliver C. Mitchell/POA

08/14/2009

\*\*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) These shares are held in the Peter N. Stephans Revocable Trust, dated March 15, 2004, Peter N. Stephans and Joan R. Stephans, Trustees
- (2) These shares are held in the Joan R. Stephans Revocable Trust, dated March 15, 2004, Peter N. Stephans and Joan R. Stephans, Trustees
  - These shares are held in the Irrevocable Deed of Trust of Peter C. Rossin and Ada E. Rossin, dated July 12, 1989, Ada E. Rossin and Joan Elizabeth Rossin Stephans, Trustees, for the benefit of the reporting person's children. The reporting person disclaims beneficial
- ownership of these securities, and the filing of this report is not an admission that the reporting person is the beneficial owner of these securities for purposes of Section 16, or for any other purpose.

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- (4) Converts to common stock on a 1-for-1 basis
- (5) Payable upon retirement
- (6) Includes dividend equivalents

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.