### STEPHANS PETER N

Form 5

August 16, 2010

#### **OMB APPROVAL** FORM 5 **OMB** UNITED STATES SECURITIES AND EXCHANGE COMMISSION 3235-0362 Number: Washington, D.C. 20549 Check this box if January 31, Expires: no longer subject 2005 to Section 16. Estimated average ANNUAL STATEMENT OF CHANGES IN BENEFICIAL Form 4 or Form burden hours per 5 obligations OWNERSHIP OF SECURITIES response... 1.0 may continue. See Instruction 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 \* 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer STEPHANS PETER N Symbol CARPENTER TECHNOLOGY (Check all applicable) CORP [CRS] (Middle) 3. Statement for Issuer's Fiscal Year Ended (Last) (First) \_X\_ Director 10% Owner Officer (give title Other (specify (Month/Day/Year) below) below) 06/30/2010 CARPENTER TECHNOLOGY CORPORATION, Â PO BOX 14662 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line) READING, PAÂ 19612-4662 \_X\_ Form Filed by One Reporting Person Form Filed by More than One Reporting (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

|                                      |                                      |   |   |   |                    |   | , <u></u>  | ,  | •   |
|--------------------------------------|--------------------------------------|---|---|---|--------------------|---|--|--|---|
| 1.Title of<br>Security<br>(Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3.<br>Transaction<br>Code<br>(Instr. 8) | 4. Securi<br>Acquired<br>Disposed<br>(Instr. 3, | l (A) o<br>l of (D | ) | 5. Amount of<br>Securities<br>Beneficially<br>Owned at end<br>of Issuer's<br>Fiscal Year<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
| Common<br>Stock                      | Â                                    | Â   | Â                                       | Â   | Â                  | Â | 38,296 (1)   | D  | Â   |
| Common<br>Stock                      | Â                                    | Â   | Â                                       | Â   | Â                  | Â | 38,296 (2)   | I  | By Spouse in Trust  |
| Common<br>Stock                      | Â                                    | Â   | Â                                       | Â   | Â                  | Â | 7,400 <u>(3)</u>   | I  | Spouse of Trustee   |
| Common<br>Stock                      | Â                                    | Â   | Â                                       | Â   | Â                  | Â | 7,400 (3)  | I  | Spouse of Trustee   |

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Common Â Â Â  $19,000 \frac{(4)}{}$ In Trust Stock

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

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**SEC 2270** (9-02)

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

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4.<br>Transaction<br>Code<br>(Instr. 8) | 5. 6. Date Exert<br>Number of Expiration D<br>of (Month/Day/<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3,<br>4, and 5) |                     | ate                | 7. Title and A<br>Underlying S<br>(Instr. 3 and | ecurities                        |  |
|---|---|--------------------------------------|---|---|---|---------------------|--------------------|---|----------------------------------|--|
|   |   |                                      |   |   | (A) (D)   | Date<br>Exercisable | Expiration<br>Date | Title   | Amount or<br>Number of<br>Shares |  |
| Director<br>Stock<br>Units                          | Â   | Â                                    | Â   | Â                                       | Â   | (6)                 | (6)                | Common<br>Stock                                 | 14,523.3<br><u>(7)</u>           |  |

# **Reporting Owners**

Relationships Reporting Owner Name / Address

Director 10% Owner Officer Other

STEPHANS PETER N CARPENTER TECHNOLOGY CORPORATION PO BOX 14662 READING, PAÂ 19612-4662

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## **Signatures**

K. Douglas 08/16/2010 Ralph/POA

\*\*Signature of Date Reporting Person

**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
- (3) 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

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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.

- (4) These shares are held in a grantor retained annuity trust, created on December 18, 2009, PNC Bank, N.A., Trustee.
- (5) Converts to common stock on a 1-for-1 basis
- (6) Payable upon retirement
- (7) 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.