

RALPH K DOUGLAS
Form 4
August 19, 2010

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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. Name and Address of Reporting Person *
RALPH K DOUGLAS

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)

CARPENTER TECHNOLOGY CORPORATION, PO BOX 14662

3. Date of Earliest Transaction (Month/Day/Year)
08/17/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Sr VP and CFO

(Street)

READING, PA 19612

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | | (A) or (D) Code V Amount (D) Price | | | |
| Common Stock | 08/17/2010 | | A | 667 A \$ 0 (1) | 75,949.15 (2) | D | |

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 1474 (9-02)

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

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| | | | | | | | | |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|---|
| 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. Underlying Securities (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|---|

| | | | | | | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
|--------------------------------------|----------|------------|--|------|-----------|------------------|-----------------|--------------|----------------------------|
| | | | | Code | V (A) (D) | | | | |
| Employee Stock Option (Right to Buy) | \$ 33.85 | 08/17/2010 | | A | | 08/17/2011 | 08/17/2020 | Common Stock | 112 |
| Employee Stock Option (Right to Buy) | \$ 33.85 | 08/17/2010 | | A | | 08/17/2012 | 08/17/2020 | Common Stock | 111 |
| Employee Stock Option (Right to Buy) | \$ 33.85 | 08/17/2010 | | A | | 08/17/2013 | 08/17/2020 | Common Stock | 111 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------------|-------|
| | Director | 10% Owner | Officer | Other |
| RALPH K DOUGLAS CARPENTER TECHNOLOGY CORPORATION PO BOX 14662 READING, PA 19612 | | | Sr VP and CFO | |

Signatures

K. Douglas
Ralph

08/19/2010

**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) The reporting person was granted restricted stock units under the Carpenter Technology Corporation Stock-Based Compensation Plan for Officers and Key Employees.
- (2) Includes shares acquired under the Carpenter Technology Corporation Dividend Reinvestment Program.
- (3) The reporting person was granted an option to buy shares of common stock under the Carpenter Technology Corporation Stock-Based Compensation Plan for Officers and Key Employees.

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

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