

Ziolkowski Andrew T
 Form 4
 July 03, 2012

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 *
 Ziolkowski Andrew T

2. Issuer Name and Ticker or Trading Symbol
 CARPENTER TECHNOLOGY CORP [CRS]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)
 ___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 Sr. VP Strategic Integration

(Last) (First) (Middle)
 CARPENTER TECHNOLOGY CORPORATION, PO BOX 14662
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 06/29/2012

READING, PA 19612-4662

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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	06/29/2012		F	(A) or (D) 1,263 (1)	\$ 47.84	15,052	D
Common Stock					9.8 (2)	I	Custodial Account
Common Stock					6,460.605 (3)	I	By 401(k) Plan

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

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displays a currently valid OMB control number.

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

Table with columns: 1. Title of Derivative Security, 2. Conversion or Exercise Price of Derivative Security, 3. Transaction Date, 3A. Deemed Execution Date, 4. Transaction Code, 5. Number of Derivatives, 6. Date Exercisable and Expiration Date, 7. Title and Amount of Underlying Securities, 8. Price of Derivative Security, 9. Number of Derivative Securities.

Reporting Owners

Table with columns: Reporting Owner Name / Address, Relationships (Director, 10% Owner, Officer, Other), Title.

Signatures

James D. Dee/POA 07/03/2012
**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) In connection with the vesting of previously reported restricted stock units.
(2) The reporting person disclaims beneficial ownership of these securities.
(3) Includes shares acquired under the Savings Plan of Carpenter Technology Corporation. The share balance under the Savings Plan of Carpenter Technology fluctuates due to rounding differences produced by the Plan's method of estimating shares.

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.