

CARPENTER TECHNOLOGY CORP  
 Form 5  
 August 14, 2006

**FORM 5**

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).  
 Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL 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

1. Name and Address of Reporting Person \*  
 SIMONS RICHARD L

(Last) (First) (Middle)

CARPENTER TECHNOLOGY CORPORATION, 101 WEST BERN STREET

(Street)

READING, PA 19601

(City) (State) (Zip)

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

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
 06/30/2006

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 VP and Corporate Controller

6. Individual or Joint/Group Reporting

(check applicable line)

Form Filed by One Reporting Person  
 Form Filed by More than One Reporting Person

**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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
Common Stock				(A) or (D) Price	5,500	D	

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

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**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)	Amount or Number of Shares
Series A Convertible Preferred Stock Units (1)	\$ 0	12/31/2005	^	A	24.16 ^ (A) ^ (D)	^ (1) ^ (1)	Common Stock	24.16

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SIMONS RICHARD L CARPENTER TECHNOLOGY CORPORATION 101 WEST BERN STREET READING, PA 19601			^ VP and Corporate Controller	^

## Signatures

David A. Christiansen/POA                      08/14/2006

\_\_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).
- Series A Convertible Preferred Stock units were allocated to Participants under the Carpenter Technology Corporation Employee Stock Ownership Plan. Units, which are convertible into shares of common stock, vest after the completion of five years of employment, subject to certain conditions.
- (1) Ownership Plan. Units, which are convertible into shares of common stock, vest after the completion of five years of employment, subject to certain conditions.
  - (2) 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.