

BARNES GROUP INC  
 Form 5  
 January 22, 2007

**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 \*  
 BARNES THOMAS O

(Last) (First) (Middle)

BARNES GROUP INC., 123  
 MAIN STREET

(Street)

BRISTOL, CT 06011-0489

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 BARNES GROUP INC [B]

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
 12/31/2006

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)

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 Indirect Beneficial Ownership (Instr. 4)
				(A) Amount or (D) Price			
Common Stock	02/27/2006	Â	G	2,720 (1) D \$ 0	605,914 (2)	I	Trust #CF-2078
Common Stock	03/02/2006	Â	G	340 (1) A \$ 0	306,502 (3)	D	Â
Common Stock	05/03/2006	Â	G	340 D \$ 0	305,822 (3)	D	Â
Common Stock	Â	Â	Â	Â Â Â	5,785.3769	I	By Company's Employee Stock

Common Stock										Purchase Plan
Common Stock	Â	Â	Â	Â	Â	Â	21,381.202	I		By Company's 401(k) Plan
Common Stock	Â	Â	Â	Â	Â	Â	2,065.0788 (2)	I		By my Wife
Common Stock	Â	Â	Â	Â	Â	Â	39,356 (2)	I		Trust #42-01-100-8546568
Common Stock	Â	Â	Â	Â	Â	Â	418,768 (2)	I		Trust #42-01-100-8546559
Common Stock	Â	Â	Â	Â	Â	Â	76,470 (2)	I		Trust #42-01-100-8550714
Common Stock	Â	Â	Â	Â	Â	Â	161,652 (2)	I		Trust #42-01-100-8550720
Common Stock	Â	Â	Â	Â	Â	Â	487,540 (2)	I		Trust #42-01-100-8550719
Common Stock	Â	Â	Â	Â	Â	Â	414,756 (2)	I		Trust #42-01-100-8546558
Common Stock	Â	Â	Â	Â	Â	Â	84,432 (2)	I		Trust #42-01-100-8550713

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

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(9-02)

**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. Price of Derivative Security (Instr. 5)	9. of D Se B O E Is Fi (I
					(A) (D)	Date Exercisable Expiration Date	Title	Amount or Number of Shares	

## Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

BARNES THOMAS O  
BARNES GROUP INC.  
123 MAIN STREET  
BRISTOL, CT 06011-0489

X

## Signatures

Thomas O. 01/23/2007  
Barnes

\*\*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) Gift from H.F. Barnes Trust No. CF2078 of 340 shares to each of 8 recipients, including Reporting Person, for total of 2,720 shares.
- (2) Reporting Person hereby disclaims beneficial ownership of shares held by his Wife and the Trusts except to the extent of his pecuniary interest.
- (3) Includes 4,000 Restricted Stock Units granted 2/13/2003, 3,100 granted 4/14/2004, a balance of 2,000 granted 2/17/05 and 3,220 granted 2/15/06 that are subject to forfeiture if certain events occur.

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### Remarks:

Effective June 1, 2006, the Reporting Person was removed as custodian on the share accounts held

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.