

BARNES GROUP INC

Reported by
MILZCIK GREGORY F

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 02/07/07 for the Period Ending 02/05/07

Address	123 MAIN ST BRISTOL, CT 06010
Telephone	8605837070
CIK	0000009984
Symbol	B
SIC Code	3490 - Miscellaneous Fabricated Metal Products
Industry	Misc. Fabricated Products
Sector	Basic Materials
Fiscal Year	12/31

FORM 4

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

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

OMB APPROVAL
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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(f) of the
Investment Company Act of 1940

1. Name and Address of Reporting Person * MILZCIK GREGORY F (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. Date of Earliest Transaction (MM/DD/YYYY) 2/5/2007 4. If Amendment, Date Original Filed (MM/DD/YYYY)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) EVP&COO/Pres. Assoc. Spring 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
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Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	2/5/2007		A (1)		6893	A	\$22.23	266757 (2)	D	
Common Stock								1727.5092	I	By Company's Employee Stock Purchase Plan
Common Stock								7783.792	I	By Company's 401(k) Plan

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

- (1) Settlement of Restricted Stock Units and Dividend Equivalents through conversion into Common Stock.
- (2) Includes a balance of 20,000 Restricted Stock Units granted 2/12/03, 22,000 granted 4/14/04, 12,000 Restricted Stock Units and a balance of 8,000 Performance Share Awards granted 2/16/05 and 10,000 Restricted Stock Units and 4,800 Performance Share Awards granted 2/15/06 that are subject to forfeiture if certain events occur.

Reporting Owners

Reporting Owner Name / Address	Relationships

	Director	10% Owner	Officer	Other
MILZCIK GREGORY F BARNES GROUP INC. 123 MAIN STREET BRISTOL, CT 06011-0489	X		EVP&COO/Pres. Assoc. Spring	

Signatures

Nancy M. Clark, pursuant to a Power of Attorney

2/7/2007

** Signature of Reporting Person

Date

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

* 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).

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

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.