BARNES GROUP INC

Check this box

if no longer

subject to

Section 16.

Form 4 May 15, 2006

FORM 4

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

SECURITIES

OMB Number:

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January 31, 2005

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Form 4 or Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * ARRINGTON JOHN R			2. Issuer Name and Ticker or Trading Symbol BARNES GROUP INC [B]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)			
			(Month/Day/Year)	Director 10% Owner			
BARNES GROUP INC., 123 MAIN STREET		123 MAIN	05/12/2006	_X_ Officer (give title Other (spectibelow) Sr. VP, Human Resources			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
BRISTOL, CT	06011-048	9	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Ta	ble I - Non	-Derivativ	ve Sec	urities Acqu	iired, Disposed of	, or Beneficia	ally Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities Acquired (A) for Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price			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	05/12/2006		S	869	D	\$ 43.5014	76,208.4215 (1)	D	
Common Stock	05/12/2006		S	5,031	D	\$ 43.5014	70,577.4215 (1)	D	
Common Stock							1.0642	I	By Company's Employee Stock Purchase

Ι 3,126.777

Plan

Common Stock By Company's 401(k) Plan

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

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SEC 1474 (9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	tionNumber	Expiration D	ate	Amour	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivativ	e		Securit	ties	(Instr. 5)
	Derivative				Securities	S		(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
									or	
						Date Exercisable	Expiration Date	Title	Number	
									of	
				Code	V (A) (D)				Shares	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

ARRINGTON JOHN R BARNES GROUP INC. 123 MAIN STREET BRISTOL, CT 06011-0489

Sr. VP, Human Resources

Signatures

John R.

Arrington 05/15/2006

**Signature of Person

**Bignature of Person

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) Includes a balance of 10,000 Restricted Stock Units granted 2/12/03, 11,000 granted 4/14/04, 6,000 Restricted Stock Units and a balance of 4,000 Performance Share Awards granted 2/16/05 and 5,000 Restricted Stock Units and 2,400 Performance Share Awards granted

Reporting Owners 2

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2/15/06 that are subject to forteiture if certain events occur.

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.