ARVINMERITOR INC

Check this box

if no longer

Section 16.

subject to

Form 5

Form 4

January 04, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

2. Issuer Name and Ticker or Trading

OMB 3235-0287

OMB APPROVAL

Number:

Expires:

5. Relationship of Reporting Person(s) to

Issuer

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January 31,

2005

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Form 4 or 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

Symbol

1(b).

(Print or Type Responses)

DONLON JAMES D III

1. Name and Address of Reporting Person *

		ARV	VINMERITOR INC [ARM]	(Check all applicable)							
(Last) (First) (Middle) ARVINMERITOR, INC., 2135 WEST MAPLE ROAD			rate of Earliest Transaction onth/Day/Year) 03/2007	Director 10% Owner X Officer (give title Other (specify below) Sr. VP and CFO							
TROY, M	(Street) I 48084-7186		Amendment, Date Original d(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person							
(City)	(State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned										
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		Code (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	01/03/2007	01/04/2007	F 8,255 D \$ 18.23	41,994 (1)	I	Restricted Stock (2)					
Common Stock				322	I	ArvinMeritor Savings Plan					
Common Stock				23,185 (1)	D						
Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.											

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. Titl	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						· ·
					4, and 5)						
									Amount		
						Date	Expiration	m: 1	or		
						Exercisable	Date	Title Number	Number		
									of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

DONLON JAMES D III ARVINMERITOR, INC. 2135 WEST MAPLE ROAD TROY, MI 48084-7186

Sr. VP and CFO

Signatures

James D. Donlon, III, by Bonnie Wilkinson, Attorney-in-fact

01/04/2007

**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) Reflects a change in the form of beneficial ownership of 17,849 shares, from indirect to direct, due to vesting of restricted stock.
- (2) Held by the issuer to implement restrictions on transfer unless and until certain conditions are met.
- (3) Shares purchased periodically and held in ArvinMeritor common stock funds in an employee benefit trust established under the ArvinMeritor, Inc. Savings Plan, based on information furnished by the Plan Administrator as of November 30, 2006.

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.

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