#### ARVINMERITOR INC

Form 4

March 14, 2006

## FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

**OMB** 3235-0287 Number: January 31, Expires: 2005

**OMB APPROVAL** 

Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** Form 4 or

Form 5 obligations may continue. See Instruction

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(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * BAKER VERNON G II			2. Issuer Name and Ticker or Trading Symbol ARVINMERITOR INC [ARM]				5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)				
(Last) (First) (Middle)  ARVINMERITOR, INC., 2135 WEST MAPLE ROAD			3. Date of Earliest Transaction (Month/Day/Year) 03/14/2006				(Check all applicable)  Director 10% Owner _X_ Officer (give title Other (specify below) Senior VP and General Counsel				
TROY, MI	(Street) I 48084-7186		mendment, I Month/Day/Ye	Č	nal		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)	(Zip) T	able I - Non	-Derivativ	e Sec	urities A	equired, Dispose	d of, or Benef	icially Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year	Code (Instr. 8)	Transaction(A) or Disposed of (D) 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							13,473	D			
Common Stock							5,921	I	ArvinMeritor Savings Plan		
Common Stock	03/14/2006		<u>J(5)</u>	369	A	\$ 14.54	54,004	I	Restricted Stock (2)		

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form

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# displays a currently valid OMB control number.

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

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transac	5. tionNumber		6. Date Exercisable and Expiration Date		7. Title and Amount of Underlying Securities	
Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8	of Derivative Securitie Acquirece (A) or Disposed of (D) (Instr. 3, 4, and 5)	s 1 1	/Year)	(Instr. 3 and	4)	Securit (Instr.
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Common Stock Share Equivalents	\$ 0					<u>(4)</u>	<u>(4)</u>	Common Stock	17,063	

### **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BAKER VERNON G II ARVINMERITOR, INC. 2135 WEST MAPLE ROAD TROY, MI 48084-7186

Senior VP and General Counsel

### **Signatures**

Vernon G. Baker, II By: Bonnie Wilkinson,

Attorney-in-fact 03/14/2006

\*\*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).
- (1) 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 February 28, 2006.
- (2) Held by the issuer to implement restrictions on transfer unless and until certain conditions are met.
- (3) Share equivalents related to ArvinMeritor common stock, held under ArvinMeritor's supplemental savings plan, based on information furnished by the Plan Administrator as of February 28, 2006.

(4) Inapplicable.

Reporting Owners 2

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(5) Acquisition of additional shares of restricted stock through automatic reinvestment of quarterly dividend, based on information provided by restricted stock plan administrator.

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.