

BAKER VERNON G II  
Form 4  
July 26, 2010

**FORM 4**

**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).

**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

(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  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
07/26/2010

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
Senior VP and General Counsel

TROY, MI 48084-7186  
(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(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 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				(A) or (D)	6,515 <sup>(1)</sup>	I	ArvinMeritor Savings Plan
Common Stock	07/26/2010		S	5,774 <sup>(2)</sup>	\$ 15.6608 <sup>(3)</sup>	D	

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

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(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 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 or Value of Underlying Securities (Instr. 3 and 4)
Common Stock Share Equivalents (5)	\$ 0					(6) (6)	Common Stock	18,794

## 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: Barbara Novak,  
Attorney-in-fact 07/26/2010

        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 June 30, 2010.
- (2) In connection with the vesting and delivery of restricted stock, and pursuant to the terms of the restricted stock agreement and a Rule 10b5-1 plan, shares were sold and the net proceeds used to pay the required withholding taxes.
- (3) Reflects the weighted average sales price. The actual range of prices for such transactions was \$15.58 to \$15.71. The filer undertakes upon request to provide full information regarding the number of shares sold at each price.
- (4) Total includes 32,410 shares of restricted stock that are held by the issuer to implement restrictions on transfer unless and until certain conditions are met and 112,400 restricted stock units, each of which represents the right to receive one share of common stock upon the vesting date, subject to terms and conditions.
- (5)

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Share equivalents related to ArvinMeritor common stock, held under ArvinMeritor's supplemental savings plan, based on information furnished by the Plan Administrator as of June 30, 2010.

(6) Inapplicable

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

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