

GOSNEL THOMAS A
 Form 4
 September 16, 2005

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 *
 GOSNEL THOMAS A

(Last) (First) (Middle)
 ARVINMERITOR, INC., 2135
 WEST MAPLE ROAD
 (Street)

TROY, MI 48084-7186

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 ARVINMERITOR INC [ARM]

3. Date of Earliest Transaction
 (Month/Day/Year)
 09/13/2005

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Sr. VP and President, CVS

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)
				(A) or (D)	Price		
Common Stock					11,603	D	
Common Stock					6,234	I	ArvinMeritor Savings Plan ⁽¹⁾
Common Stock	09/14/2005	09/15/2005	J ⁽²⁾	275	A \$ 17.5429	48,416	I Restricted Stock ⁽³⁾
Common Stock					2,201	I	Deferred Issuance ⁽⁴⁾

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

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(9-02)

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 of Derivative Security (Instr. 3)
Common Stock Share Equivalents ⁽⁵⁾	\$ 0						Common Stock	16,947

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GOSNEL THOMAS A ARVINMERITOR, INC. 2135 WEST MAPLE ROAD TROY, MI 48084-7186			Sr. VP and President, CVS	

Signatures

Thomas A. Gosnell By: Bonnie Wilkinson,
Attorney-in-fact 09/16/2005

__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 August 31, 2005.
 - (2) Acquisition of additional shares of restricted stock through reinvestment of quarterly dividend, based on information provided by restricted stock plan administrator.

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- (3) Held by the issuer to implement restrictions on transfer unless and until certain conditions are met.
- (4) Pursuant to agreement with the issuer, delivery of common stock is deferred until after termination of employment.
- (5) Share equivalents related to ArvinMeritor common stock, held under ArvinMeritor's supplemental savings plan, based on information furnished by the Plan Administrator as of August 31, 2005.
- (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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