

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)
Common Stock				(A)	11,603	D	
Common Stock				(A)	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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- (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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