

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person* <u>SMITH RICHARD D /CO/</u> (Last) (First) (Middle) <u>ALLIED MOTION TECHNOLOGIES INC.</u> <u>23 INVERNESS WAY EAST, STE. 150</u> (Street) <u>ENGLEWOOD CO 80112</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ALLIED MOTION TECHNOLOGIES INC</u> [<u>AMOT</u>]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <p style="text-align: center;">Chairman and CFO</p>
	3. Date of Earliest Transaction (Month/Day/Year) <u>02/23/2011</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/23/2011		A		10,000	A	(1)	157,411	D	
Common Stock	02/23/2011		A		20,000	A	(2)	177,411	D	
Common Stock	02/23/2011		F		8,652	D	\$7.08(3)	168,759	D	
Common Stock	02/23/2011		G	V	42,408	D	(4)	126,351	D	
Common Stock	02/23/2011		G	V	42,408	A	(4)	472,776	I	By Family Trust
Common Stock								900	I	By Spouse's IRA
Common Stock								12,791	I	By ESOP Trust

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					
Options - Right to Buy	\$4.27							(5)	04/20/2011	Common Stock	23,419	23,419	D	

Explanation of Responses:

- Grant of restricted shares pursuant to the Company's 2007 Stock Incentive Plan, as amended. These restricted shares vest one-third each on March 31, 2012, 2013 and 2014.
- Grant of restricted shares pursuant to the Company's 2007 Stock Incentive Plan, as amended. These restricted shares will vest, in whole or in part, upon the satisfaction of certain annual and cumulative performance goals established by the Compensation Committee with respect to the three-year period ending December 31, 2014.
- On February 23, 2011, 51,060 incentive restricted shares vested and the Reporting Person instructed the Company to withhold 8,652 shares to cover tax withholding obligations as permitted under the Company's Year 2000 Stock Incentive Plan, as amended, and the 2007 Stock Incentive Plan, as amended.
- Bona fide gift of securities.
- All of the options are currently exercisable.

Remarks:

Susan M. Chiarmonte,
attorney-in fact for Richard D. 02/25/2011
Smith

** Signature of Reporting Person Date

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

* 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).

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.