

ANGIODYNAMICS INC

Form 4

August 20, 2007

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

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

OMB APPROVAL

OMB
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(Print or Type Responses)

1. Name and Address of Reporting Person *
Mitchell Robert D

(Last) (First) (Middle)

603 QUEENSBURY AVE.

(Street)

QUEENSBURY, NY 12804

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol
ANGIODYNAMICS INC [ANGO]

3. Date of Earliest Transaction
(Month/Day/Year)
08/17/2007

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

____ Director ____ 10% Owner
____X____ Officer (give title below) ____ Other (specify below)

Executive VP and COO

6. Individual or Joint/Group Filing(Check
Applicable Line)
____X____ 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	08/17/2007		A ⁽¹⁾	667 A \$ 0	1,242	D	

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

**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 control
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SEC 1474
(9-02)

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

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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 Underlying Securities (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 17.76					07/27/2008 ⁽²⁾ 07/27/2017	Common Stock 17,500
Non-Qualified Stock Option (right to buy)	\$ 24.57					01/16/2008 ⁽³⁾ 01/16/2017	Common Stock 40,800
Restricted Stock Units	\$ 0 ⁽⁴⁾					05/30/2009 05/29/2019	Common Stock 4,000

Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
Mitchell Robert D 603 QUEENSBURY AVE. QUEENSBURY, NY 12804	Executive VP and COO

Signatures

By: Michael E. Trimarchi For: Robert Mitchell 08/20/2007

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 acquired through the vesting and settlement of previously granted performance share awards.
- (2) Options for 25% of the total number of shares each become exercisable on 7/27/08, 7/27/09, 7/27/10, and 7/27/11.
- (3) Options for 25% of the shares are each exercisable on 1/16/08, 1/16/09, 1/16/10, and 1/16/11.
- (4) Each restricted stock unit represents a contingent right to receive one share of AngioDynamics, Inc. common stock.

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.