

Ready Michael J
 Form 3/A
 February 06, 2006

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF 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 * | | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol | |
| Â Ready Michael J | | (Month/Day/Year) | APPLIED SIGNAL TECHNOLOGY INC [APSG] | |
| (Last) | (First) | (Middle) | 4. Relationship of Reporting Person(s) to Issuer | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| | | | (Check all applicable) | 08/25/2005 |
| 400 W. CALIFORNIA AVE | | | ___ Director | 6. Individual or Joint/Group Filing(Check Applicable Line) |
| (Street) | | | ___ 10% Owner | ___X___ Form filed by One Reporting Person |
| SUNNYVALE,Â CAÂ 94086 | | | ___X___ Officer | ___ Form filed by More than One Reporting Person |
| (City) | (State) | (Zip) | (give title below) | (specify below) |
| | | | Chief Marketing Officer | |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock | 3,247 | D | Â |

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

SEC 1473 (7-02)

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 number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) or Indirect | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---|---|--|--|--|--|
| | Date Exercisable | Expiration Date | Title | Amount or Number of | |

| Stock Options (Right to Buy) ⁽¹⁾ | 12/15/2008 | 12/15/2013 | Common Stock | Shares | \$ 20.85 | (I) | D | Â |
|---|------------|------------|--------------|--------|----------|------------|---|---|
| | | | | | | (Instr. 5) | | |
| | | | | 10,000 | | | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Ready Michael J 400 W. CALIFORNIA AVE SUNNYVALE, CA 94086 | Â | Â | Â Chief Marketing Officer | Â |

Signatures

Michael Ready 02/05/2006
 __Signature of Date
 Reporting Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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) Option became exercisable as to 2,000 shares on December 15, 2004, and monthly thereafter. The option will be fully exercisable on December 15, 2008.

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.