

APPLIED SIGNAL TECHNOLOGY INC  
Form SC 13G/A  
February 10, 2009

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 3)\*

Applied Signal Technology, Inc.  
(Name of Issuer)

COMMON STOCK  
(Title of Class of Securities)

038237103  
(CUSIP Number)

January 31, 2009  
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 038237103

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1. NAME OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

HEARTLAND ADVISORS, INC.

#39-1078128

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a) [        ]  
(b) [        ]

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

WISCONSIN, U.S.A.

-----  
NUMBER OF  
SHARES BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

5. SOLE VOTING POWER

None

6. SHARED VOTING POWER

445,122

7. SOLE DISPOSITIVE POWER

None

8. SHARED DISPOSITIVE POWER

445,122  
-----

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

445,122

10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES \_\_\_\_\_

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

3.5%

12. TYPE OF REPORTING PERSON

IA

CUSIP No. 038237103

1. NAME OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

WILLIAM J. NASGOVITZ

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

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(a) [       ]  
(b) [       ]

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

U.S.A.

-----  
NUMBER OF  
SHARES BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

5. SOLE VOTING POWER

None

6. SHARED VOTING POWER

445,122

7. SOLE DISPOSITIVE POWER

None

8. SHARED DISPOSITIVE POWER

445,122  
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9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

445,122

10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES \_\_\_\_\_

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

3.5%

12. TYPE OF REPORTING PERSON

IN

Item 1.

(a) Name of Issuer: Applied Signal Technology, Inc.

(b) Address of Issuer's Principal Executive Offices:  
460 West California Avenue  
Sunnyvale, CA 94086

Item 2.

(a) Name of Person Filing: (1) Heartland Advisors, Inc.

(2) William J. Nasgovitz

(b) Address of Principal Business Office:

(1) 789 North Water Street (2) 789 North Water Street  
Milwaukee, WI 53202 Milwaukee, WI 53202

(c) Citizenship: Heartland Advisors is a Wisconsin corporation.  
William J. Nasgovitz - U.S.A

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(d) Title of Class of Securities: Common Stock

(e) CUSIP Number: 038237103

Item 3. The persons filing this Schedule 13G are Heartland Advisors, Inc., an investment adviser registered with the SEC, and William J. Nasgovitz, President and principal shareholder of Heartland Advisors, Inc. Mr. Nasgovitz joins in this filing pursuant to SEC staff positions authorizing certain individuals in similar situations to join in a filing with a controlled entity eligible to file on Schedule 13G. The reporting persons do not admit that they constitute a group.

Item 4. Ownership.

For information on ownership, voting and dispositive power with respect to the above listed shares, see Items 5-9 of the Cover Pages.

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: [ X ]

Item 6. Ownership of more than Five Percent on Behalf of Another Person.

Not Applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

Not Applicable.

Item 8. Identification and Classification of Members of the Group.

Not Applicable.

Item 9. Notice of Dissolution of Group.

Not Applicable.

Item 10. Certification.

By signing below, the undersigned certify that, to the best of their knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DATE: February 10, 2009

WILLIAM J. NASGOVITZ

HEARTLAND ADVISORS, INC.

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By: /s/ PAUL T. BESTE  
Paul T. Beste  
As Attorney in Fact for  
William J. Nasgovitz

By: /s/ PAUL T. BESTE  
Paul T. Beste  
Chief Operating Officer

EXHIBIT INDEX

Exhibit 1 Joint Filing Agreement

EXHIBIT 1

Joint Filing Agreement

The undersigned persons agree and consent to the joint filing on their behalf of this Schedule 13G in connection with their beneficial ownership of Applied Signal Technology, Inc. at January 31, 2009.

WILLIAM J. NASGOVITZ

By: /s/ PAUL T. BESTE  
Paul T. Beste  
As Attorney in Fact for William J. Nasgovitz

HEARTLAND ADVISORS, INC.

By: /s/ PAUL T. BESTE  
Paul T. Beste  
Chief Operating Officer

(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)CodeVA amount(A) or (D)Price Class A Common Stock01/02/2019 A<sup>(1)</sup> 2,500 A \$ 0 42,500 <sup>(2)</sup> D Class A  
Common Stock 3,324 I See footnote <sup>(3)</sup>

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 number.**

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 of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BIDDLE WILLING L 53 ELMWOOD ROAD SOUTH SALEM, NY 10590	X		President and CEO	

## Signatures

/s/ Willing L. Biddle  
01/04/2019  
 \*\*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).
- On January 2, 2019, the Issuer entered into an agreement with Willing L. Biddle (the "Reporting Person"), whereby the Reporting Person
- (1) was granted a restricted stock award of 2,500 shares of Class A Common Stock that vests January 2, 2028, pursuant to the Issuer's Amended and Restated Restricted Stock Award Plan (the "Restricted Stock Award Plan").
  - (2) Of such shares, 22,500 are restricted shares, subject to vesting, issued to the Reporting Person pursuant to the Restricted Award Plan.
  - (3) Shares held by Catherine U. Biddle, spouse of the Reporting Person.

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.