ASTEC INDUSTRIES INC

Form 4

January 13, 2010

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

OMB APPROVAL

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if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. See Instruction

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

1(b).

Common

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **GONIGAM TIMOTHY D** Issuer Symbol ASTEC INDUSTRIES INC [ASTE] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner _X__ Officer (give title Other (specify 1725 SHEPHERD RD 01/12/2010 below) President-Astec Mobile Screens (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting CHATTANOOGA, TN 37421 Person (City) (State) (Zip)

| (City) | (State) (2 | Table | I - Non-De | erivative S | ecurities A | cquired, Disposed | of, or Beneficial | lly Owned |
|------------|---------------------|--------------------|------------|--------------|-----------------|-------------------|-------------------|--------------|
| 1.Title of | 2. Transaction Date | 2A. Deemed | 3. | 4. Securit | ies | 5. Amount of | 6. Ownership | 7. Nature of |
| Security | (Month/Day/Year) | Execution Date, if | Transactio | nAcquired | (A) or | Securities | Form: Direct | Indirect |
| (Instr. 3) | | any | Code | Disposed | of (D) | Beneficially | (D) or | Beneficial |
| | | (Month/Day/Year) | (Instr. 8) | (Instr. 3, 4 | 4 and 5) | Owned | Indirect (I) | Ownership |
| | | | | | | Following | (Instr. 4) | (Instr. 4) |
| | | | | | (4) | Reported | | |
| | | | | | (A) | Transaction(s) | | |
| | | | Code V | Amount | or (D) Price | (Instr. 3 and 4) | | |
| | | | | | | | | |

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

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249.1926 (1)

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

by 401(k)

Plan

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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) | | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | |
|---|---|--------------------------------------|---|---|----------|-----|--|--------------------|---|----------------------------------|
| | | | | Code V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Phantom Stock | <u>(2)</u> | 01/12/2010 | | A | 102.2881 | | (2) | (2) | Common Stock | 102.2881 |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

GONIGAM TIMOTHY D 1725 SHEPHERD RD CHATTANOOGA, TN 37421

President-Astec Mobile Screens

Signatures

Robert Taylor, attorney in fact for Timothy
Gonigam
01/13/2010

**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 owned in reporting person's 401(k) account are based upon a Plan statement dated January 13, 2010.
- (2) Reported transaction represents Astec's quarterly contribution to the reporting person's SERP which was used to purchase Astec stock. Funds held in the SERP are payable in cash following the reporting person's termination of employment from Astec.

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.

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