

Spirit AeroSystems Holdings, Inc.
 Form 4
 May 30, 2007

FORM 4

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

OMB APPROVAL

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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

(Print or Type Responses)

1. Name and Address of Reporting Person *
GEPHARDT Richard A

2. Issuer Name and Ticker or Trading Symbol
Spirit AeroSystems Holdings, Inc. [SPR]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
916 S. MICHAEL DRIVE
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
05/25/2007

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

GAMBRILLS, MD 21054
 (City) (State) (Zip)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | | (A) or (D) | Price | | |
| | | | | Code | V | Amount | |

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)

| 1. Title of Derivative Security | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities Acquired | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|---|--|---|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|---|--|---|

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| (Instr. 3) | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) | (A) or Disposed of (D) (Instr. 3, 4, and 5) | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
|----------------------------|------------------------------------|------------------|------------|---|------|---|-----|-----|---------------------|--------------------|----------------------------|-------------------------------------|
| Class B Common Stock | <u>(1)</u> | 05/25/2007 | A | 31,135 | | | | | 05/25/2007 | <u>(2)</u> | Class A Common Stock | 31,135 |
| Class B Common Stock | <u>(1)</u> | 05/25/2007 | S | 77,956 | | | | | 05/25/2007 | <u>(2)</u> | Class A Common Stock | 77,956 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| GEPHARDT Richard A 916 S. MICHAEL DRIVE GAMBRILLS, MD 21054 | | X | | |

Signatures

/s/ Gloria Farha Flentje, as attorney-in-fact for Richard Gephardt 05/30/2007

__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) Each share of class B common stock, par value \$0.01, of the issuer (the "Class B Common Stock") is convertible at any time, at the option of the holder, into one share of class A common stock, par value \$0.01, of the issuer (the "Class A Common Stock").

(2) No expiration.

On December 15, 2005, the reporting person was granted 120,000 shares of restricted Class B Common Stock. The restricted Class B

(3) Common Stock vests upon certain liquidity events if certain performance criteria are met. Upon the occurrence of the Issuer's recent secondary public offering, which was consummated on May 25, 2007, 31,135 shares of restricted Class B Common Stock vested.

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

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