

Spirit AeroSystems Holdings, Inc.
 Form 4
 February 26, 2008

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 *
 Buchanan Richard R

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)

3. Date of Earliest Transaction (Month/Day/Year)
 02/25/2008

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 VP/GM Fuselage Structure

C/O SPIRIT AEROSYSTEMS HOLDINGS, INC., 3801 SOUTH OLIVER

(Street)

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

WICHITA, KS 67210

(City) (State) (Zip)

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 | | |
| Class A Common Stock | 02/25/2008 | | C | 5,410 | A | 3 | 5,410 | D |
| Class A Common Stock | 02/25/2008 | | S | 5,410 | D | \$ 28.3 | 0 | 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

SEC 1474 (9-02)

displays a currently valid OMB control number.

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

| 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 or Value of Underlying Securities (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|---|
| Class B Common Stock | (1) | 02/25/2008 | | C | 5,410 | 02/22/2008 (2) | Class A Common Stock | 5,410 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|--------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Buchanan Richard R C/O SPIRIT AEROSYSTEMS HOLDINGS, INC. 3801 SOUTH OLIVER WICHITA, KS 67210 | | | VP/GM Fuselage Structure | |

Signatures

/s/ Gloria Farha Flentje, as Attorney-in-Fact for Richard Buchanan

02/26/2008

__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.
- (3) Conversion without consideration.
- (4) Includes 3,250 shares of Class B Common Stock which will vest on February 22, 2009, if the recipient of such shares continues to be employed by the issuer or any of its subsidiaries at that time.

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.