Spirit AeroSystems Holdings, Inc.

Form 4

February 26, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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OMB APPROVAL

response...

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).

(Print or Type Responses)

1. Name and Address of Reporting Person * Davis D Randolph

2. Issuer Name and Ticker or Trading Symbol

Spirit AeroSystems Holdings, Inc.

[SPR]

3. Date of Earliest Transaction

02/22/2007

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

(Last)

(First)

(Middle)

(Month/Day/Year)

Director 10% Owner X_ Officer (give title Other (specify

below) below) Controller

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)

X Form filed by One Reporting Person Form filed by More than One Reporting

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 2A. Deemed (Month/Day/Year)

Execution Date, if

Code (Month/Day/Year) (Instr. 8)

3.

4. Securities TransactionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

Reported Transaction(s)

(A)

(Instr. 3 and 4) Code V Amount (D) Price

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

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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. Transacti Code (Instr. 8)	5. Number ow f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisal Expiration Date (Month/Day/Yea		7. Title and Underlying (Instr. 3 and	Securities
				Code V	(A) (D) Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Class B Common Stock	<u>(1)</u>	02/22/2006		A	1,746	02/22/2008(2)	(3)	Class A Common Stock	1,746

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Davis D Randolph SPIRIT AEROSYSTEMS HOLDINGS, INC. 3801 SOUTH OLIVER WICHITA, KS 67210

Controller

Signatures

/s/ Gloria Farha Flentje, as attorney-in-fact for D. Randolph Davis

02/26/2007

**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).
 - After vesting of such shares as described in footnote 2, 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
- (1) 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) The Class B Common Stock will vest on February 22, 2008, if the recipient of such shares continues to be employed by Spirit AeroSystems Holdings, Inc. at that time.
- (3) No expiration.
- (4) Convertible on a one-for-one basis.

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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