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

FORM 4

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

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

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).

(Print or Type Responses)

1. Name and Address of Reporting Person *
Brunton Ronald C

(Last) (First) (Middle)

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

(Street)

WICHITA, KS 67210

(City) (State) (Zip)

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

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

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director _____ 10% Owner
__X__ Officer (give title below) _____ Other (specify below)
Executive V.P. & COO

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (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)

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)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Class B Common Stock	(1)	05/25/2007		A		93,405		05/25/2007	(2)	Class A Common Stock	93,40
Class B Common Stock	(1)	05/25/2007		S			69,091	05/25/2007	(2)	Class A Common Stock	69,09

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Brunton Ronald C C/O SPIRIT AEROSYSTEMS HOLDINGS, INC. 3801 SOUTH OLIVER WICHITA, KS 67210			Executive V.P. & COO	

Signatures

/s/ Gloria Farha Flentje, as attorney-in-fact for Ronald C. Brunton	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.

(3) On July 18, 2005, the reporting person was granted 360,000 shares of restricted Class B Common Stock. The restricted Class B 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, 93,405 shares of restricted Class B Common Stock vested.

(4) Includes 10,855 shares of Class B Common Stock, which will vest on February 22, 2008, 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.
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