

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

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 \*  
 Carlisle Donald 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)  
 3330 N. MINGO ROAD  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 05/27/2007

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 V.P./G.M. Aero Structures

TULSA, OK 74116  
 (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 Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	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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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>11</u>	05/27/2007	A	54,486					05/27/2007	<u>(2)</u>	Class A Common Stock	54,486
Class B Common Stock	<u>11</u>	05/27/2007	S	65,941					05/27/2007	<u>(2)</u>	Class A Common Stock	65,941

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Carlisle Donald R 3330 N. MINGO ROAD TULSA, OK 74116			V.P./G.M. Aero Structures	

## Signatures

/s/ Gloria Farha Flentje, as attorney-in-fact for Donald R.  
Carlisle

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 July 18, 2005, and August 1, 2005, the reporting person was granted an aggregate of 210,000 shares of restricted Class B Common Stock. The restricted Class B Common Stock vests upon certain liquidity events if certain performance criteria are met.
- (3) Upon the occurrence of the Issuer?s recent secondary public offering, which was consummated on May 25, 2007, 54,486 shares of restricted Class B Common Stock vested.
- (4) Includes 5,406 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. 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.