

Spirit AeroSystems Holdings, Inc.  
 Form 3/A  
 December 21, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

**INITIAL STATEMENT OF 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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â Carlisle Donald R		(Month/Day/Year)	Spirit AeroSystems Holdings, Inc. [SPR]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
		11/20/2006		11/20/2006
3330 N. MINGO ROAD			(Check all applicable)	6. Individual or Joint/Group Filing(Check Applicable Line)
(Street)			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			<input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other	<input type="checkbox"/> Form filed by More than One Reporting Person
TULSA,Â OKÂ 74116			(give title below) (specify below)	
(City)	(State)	(Zip)	V.P./G.M. Aero Structures	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
------------------------------------	--	---	--

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

**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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Amount or Number of Shares		
		Title			

Class B Common Stock <sup>(1)</sup> <u>(2)</u>	Â <sup>(3)</sup>	Â <sup>(4)</sup>	Class A Common	12,600	\$ <sup>(5)</sup>	D	Â
			Stock				

## Reporting Owners

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

## Signatures

/s/ Gloria Farha Flentje, as attorney-in-fact for Donald Carlisle 12/21/2006

  Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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) This Form 3/A is an amendment to a Form 3 filed on November 20, 2006. This amendment includes additional shares of class B common stock, par value \$0.01 ("Class B Common Stock"), of the issuer held by the reporting person at the time of the original filing.
- (2) After the vesting of such shares as described in footnote 3, each share of Class B Common Stock will be 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.
- (3) The Class B Common Stock will vest on February 17, 2007 if the recipient of such shares continues to be employed by Spirit AeroSystems Holdings, Inc. at that time.
- (4) No expiration.
- (5) 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.