Walker H David Form 4 August 05, 2010

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005

Form 5 obligations **SECURITIES**

Estimated average burden hours per response... 0.5

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).

Stock

(Print or Type Responses)

1. Name and A Walker H D	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) C/O SPIRIT HOLDING OLIVER	3. Date of (Month/E) 08/03/2	•	ansaction			Director 10% Owner Sylvary Officer (give title Other (specify below) below) SVP, CTO & Bus. Development					
				mendment, Date Original 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 Person			
(City)	(State)	(Zip)	Tabl	e I - Non-E	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution any		3. Transaction Code (Instr. 8)	4. Securit on(A) or Di (Instr. 3,	sposed	of (D)	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)	
Class A Common Stock	08/03/2010			C	18,598	A	(3)	99,705	D		
Class A Common	08/03/2010			S	18,598 (5)	D	\$ 22.09	81,107	D		

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form

(4)

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displays a currently valid OMB control number.

8. Popular Section (Institute)

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. Transactic 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 Shares
Class B Common Stock	(1)	08/03/2010		C		7,967	05/25/2007	(2)	Class A Common Stock	7,967
Class B Common Stock	<u>(1)</u>	08/03/2010		C		6,691	02/22/2008	(2)	Class A Common Stock	6,691
Class B Common Stock	(1)	08/03/2010		C		3,940	02/22/2009	(2)	Class A Common Stock	3,940

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SVP, CTO & Bus. Development

Walker H David

C/O SPIRIT AEROSYSTEMS HOLDINGS, INC.

3801 SOUTH OLIVER

WICHITA, KS 67210

Signatures

/s/ Joseph T. Boyle, as attorney-in-fact for H. David
Walker

08/05/2010

**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) Upon vesting, 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").

Reporting Owners 2

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- (2) No expiration.
- (3) Conversion without consideration.
 - The price reported reflects a weighted average price. This transaction was executed in multiple trades at prices ranging from \$22.02 to
- (4) \$22.41. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer or a security holder of the Issuer full information regarding the number of shares and prices at which the transaction was effected.
- (5) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on September 15, 2009.

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.