Spirit AeroSystems Holdings, Inc.

Form 3

November 20, 2006

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

OMB APPROVAL

OMB Number:

3235-0104

Expires:

response...

January 31, 2005

0.5

Estimated average burden hours per

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *

A Mersky Seth

(Last)

(First)

(Middle)

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

Statement

(Month/Day/Year)

11/20/2006

4. Relationship of Reporting Person(s) to Issuer

_X__ Director

Officer

5. If Amendment, Date Original

Filed(Month/Day/Year)

161 BAY STREET, 49TH **FLOOR**

(Street)

(Check all applicable)

10% Owner _Other (give title below) (specify below)

Spirit AeroSystems Holdings, Inc. [SPR]

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person

Form filed by More than One

Reporting Person

4. Nature of Indirect Beneficial

TORONTO, A6Â M5J2S1

(City) (State) (Zip)

1. Title of Security (Instr. 4)

2. Amount of Securities Beneficially Owned

(Instr. 4)

Ownership Form:

Table I - Non-Derivative Securities Beneficially Owned

Ownership (Instr. 5)

Direct (D) or Indirect (I) (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)

Conversion or Exercise Price of Derivative

4.

5. Ownership Form of Derivative Security:

6. Nature of Indirect Beneficial Ownership (Instr. 5)

Date Exercisable **Expiration Title** Date

Amount or Number of Shares

Security

Direct (D) or Indirect (I)

(Instr. 5)

Class A Class B Common Stock (1) 11/20/2006 Â (2) Commo

Common 162,487 \$ (3)

I See footnote $\underline{^{(4)}}$

Stock

Reporting Owners

TORONTO, Â A6Â M5J2S1

Reporting Owner Name / Address

Director 10% Owner Officer Other

Mersky Seth

161 BAY STREET, 49TH FLOOR Â X Â Â Â

Signatures

/s/ Seth Mersky 11/20/2006

**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) 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) Convertible on a one-for-one basis.

Includes (i) 88,605 shares beneficially owned by Onex Partners LP which may be deemed beneficially owned by Mr. Mersky by reason of his pecuniary interest in Onex Partners LP, (ii) 31,905 shares beneficially owned by Onex Spirit Co-Invest LP which may be deemed

(4) beneficially owned by Mr. Mersky by reason of his pecuniary interest in Onex Spirit Co-Invest LP, and (iii) 41,977 shares beneficially owned by Onex U.S. Principals LP in which Mr. Mersky has acquired a pecuniary interest pursuant to Onex Corporation?s management incentive plans. The inclusion of such shares in this report shall not be deemed an admission of beneficial ownership of all of the reported shares for purposes of Section 16 or for any other purpose.

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.

Reporting Owners 2