

Schwartz Spencer
Form 4
November 18, 2009

FORM 4

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

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

OMB APPROVAL

OMB
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(Print or Type Responses)

1. Name and Address of Reporting Person *
Schwartz Spencer

(Last) (First) (Middle)

C/O ATLAS AIR WORLDWIDE
HOLDINGS, INC., 2000
WESTCHESTER AVENUE

(Street)

PURCHASE, NY 10577

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol
ATLAS AIR WORLDWIDE
HOLDINGS INC [AAWW]

3. Date of Earliest Transaction
(Month/Day/Year)
11/17/2009

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)
Vice President & Controller

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)
Common Stock, \$0.01 par value	11/17/2009		A	2,198	A \$ 0	2,198	D
Common Stock, \$0.01 par value	11/17/2009		F	861	D \$ 29.59	1,337	D

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

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.

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(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 (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)	8. Pr Deriv Secu (Instr	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	(1)	11/17/2009		M	2,198	(2)	(2)	Common Stock	2,198

Reporting Owners

Reporting Owner Name / Address

Schwartz Spencer
C/O ATLAS AIR WORLDWIDE HOLDINGS, INC.
2000 WESTCHESTER AVENUE
PURCHASE, NY 10577

Relationships

Director 10% Owner Officer Other

Vice President & Controller

Signatures

/s/ Michael W. Borkowski Michael W. Borkowski, as
Attorney-in-Fact

11/18/2009

 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, the Reporting Person is entitled to receive one share of Common Stock for each restricted stock unit.

(2) Of the 6,596 restricted stock units awarded, 2,198 units vested on November 17, 2009, 2,199 units vest on November 17, 2010 and 2,199 units vest on November 17, 2011.

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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