Agnew Robert F
Form 4
May 22, 2009

FORM 4

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

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

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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).

(Print or Type Responses)

1. Name and Address of Reporting Person *
Agnew Robert F

(Last) (First) (Middle)

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)
05/21/2009

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

__X__ Director _____ 10% Owner
_____ Officer (give title below) _____ Other (specify below)

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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock, $0.01 par value	05/21/2009		A		1,575	A	$ 0	17,086	D	

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 (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 I S (
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	(1)	05/21/2009		M			1,575	(2)	(2)	Common Stock	1,575	
Restricted Stock Units	(1)	05/22/2009		A		4,296		(3)	(3)	Common Stock	4,296	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Agnew Robert F 2000 WESTCHESTER AVENUE PURCHASE, NY 10577	X			

Signatures

/s/ Michael W. Borkowski Michael W. Borkowski, as Attorney-in-Fact	05/22/2009
**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) These restricted stock units vested on May 21, 2009 and were automatically converted into an equivalent number of shares of Common Stock.

(3) The units vest in their entirety on the first to occur of the following: (i) the first anniversary of the Date of Grant; (ii) the day immediately preceding the date of the annual meeting of stockholders of the Company occurring in 2010; the day immediately preceding the Reporting Person's death; the day immediately preceding the date of termination of the Reporting Person's service on the Board by reason of disability (as defined); or a Change in Control of the Company (as defined). Share payouts will be made as soon as practicable after vesting of the Restricted Stock Units.

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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