

Kokas Adam Richard  
Form 4  
February 19, 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  
Number: 3235-0287  
Expires: January 31,  
2005  
Estimated average  
burden hours per  
response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Kokas Adam Richard

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

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

(Last) (First) (Middle)  
2000 WESTCHESTER AVE.  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
02/17/2009

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_\_\_\_X\_\_\_\_ Officer (give title \_\_\_\_ Other (specify  
below) below)  
SVP, GC & Secty.

PURCHASE, NJ 10577

4. If Amendment, Date Original  
Filed(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)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of<br>Security<br>(Instr. 3)   | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities Acquired<br>(A) or Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Ownership<br>(Instr. 4) |
|-----------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------|
|                                         |                                         |                                                             | Code                                 | V                                                                       | Amount<br>(A)<br>or<br>(D)                                                                                         | Price                                                                |                                         |
| Common<br>Stock,<br>\$0.01 par<br>value | 02/17/2009                              |                                                             | A                                    |                                                                         | 2,033                                                                                                              | A \$ 0                                                               | 17,870 D                                |
| Common<br>Stock,<br>\$0.01 par<br>value | 02/17/2009                              |                                                             | F                                    |                                                                         | 814                                                                                                                | D \$<br>14.68                                                        | 17,056 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**

SEC 1474  
(9-02)

required to respond unless the form displays a currently valid OMB control number.

**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. Price or Value of Underlying Securities (Instr. 3 and 4) |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------|
|                                            |                                                        |                                      |                                                    | Code                           | V (A) (D)                                                                               | Date Exercisable Expiration Date                         | Title                                                         | Amount or Number of Shares                                  |
| Restricted Stock Units                     | (1)                                                    | 02/17/2009                           |                                                    | M                              | 2,033                                                                                   | (2) (2)                                                  | Common Stock                                                  | 2,033                                                       |

## Reporting Owners

| Reporting Owner Name / Address                                    | Relationships                    |
|-------------------------------------------------------------------|----------------------------------|
|                                                                   | Director 10% Owner Officer Other |
| Kokas Adam Richard<br>2000 WESTCHESTER AVE.<br>PURCHASE, NJ 10577 | SVP, GC & Secty.                 |

## Signatures

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

02/19/2009

\_\_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 February 17, 2009 and were automatically converted into an equivalent number of shares of Common Stock.

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.