Mail Stop 3561

March 3, 2008

Atlas Air Worldwide Holdings, Inc. Jason Grant- Chief Financial Officer 2000 Westchester Avenue Purchase, New York 10577

Re: Atlas Air Worldwide Holdings, Inc. Form 10-K for the year ended December 31, 2006 Filed March 15, 2007 File No. 001-16545

Dear Mr. Grant:

We have completed our review of your Form 10-K and related filings and do not, at this time, have any further comments.

Sincerely,

David R. Humphrey Branch Chief