

Mail Stop 3561

May 26, 2009

Via U.S. Mail and Facsimile

Timothy E. Conver
Chief Executive Officer and President
AeroVironment, Inc.
181 W. Hungtington Drive, Suite 202
Monrovia, CA 91016

RE: **AeroVironment, Inc.**
Form 10-K for the fiscal year ended April 30, 2008
Form 10-Q for the quarterly period ended January 31, 2009
Definitive Proxy Statement on Schedule 14A

File No. 001-33261

Dear Mr. Conver:

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

Sincerely,

Linda Cvrkel
Branch Chief

Via facsimile: Stephen C. Wright, Chief Financial Officer
(626) 359-9628