UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): March 9, 2010

AEROVIRONMENT, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

001-33261 (Commission File Number) 95-2705790 (I.R.S. Employer Identification No.)

181 W. Huntington Drive, Suite 202 Monrovia, CA (Address of Principal Executive

Offices)

91016 (Zip Code)

Registrant's telephone number, including area code: (626) 357-9983

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange ct (17 CFR 240.14d-2(B))

□ Pre-commencement communications pursuant to Rule 13e-4(c)) under the Exchange Act (17 CFR 240.13e-4c))

Item 2.02. Results of Operations and Financial Condition

On March 9, 2010, AeroVironment, Inc. issued a press release announcing third quarter financial results for the period ended January 30, 2010, a copy of which is attached hereto as Exhibit 99.1.

The information in this Current Report on Form 8-K, including the exhibit, is furnished pursuant to Item 2.02 and shall not be deemed "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, except as shall be expressly set forth by specific reference in such filing.

In addition to historic information, this report, including the exhibit, contains forward-looking statements regarding events, performance and financial trends. Various factors could affect future results and could cause actual results to differ materially from those expressed in or implied by the forward-looking statements. Some of those factors are identified in the exhibit, and in our periodic reports filed with the Securities and Exchange Commission.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits.

The following exhibits are filed herewith:

Exhibit	
Number	Description
99.1	Press release issued by AeroVironment, Inc., dated March 9, 2010.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

AEROVIRONMENT, INC.

Date: March 9, 2010

By: /s/ Timothy E. Conver Timothy E. Conver Chairman, President and Chief Executive Officer



181 W. Huntington Drive, Suite 202, Monrovia, CA 91016 Telephone (626) 357-9983 • Fax (626) 359-9628 www.avinc.com • NASDAQ: AVAV

PRESS RELEASE

AeroVironment, Inc. Announces Fiscal 2010 Third Quarter Results

MONROVIA, CA, March 9, 2010 — AeroVironment, Inc. (AV) (NASDAQ: AVAV) today reported financial results for its third quarter ended January 30, 2010.

"In the third quarter, our team increased production of digital Raven systems and digital retrofit kits to satisfy customer demand, and made progress positioning our major development programs for eventual adoption," said Tim Conver, AV chairman and chief executive officer. "The quarter produced 18% sequential growth over the second quarter, even though severe weather conditions limited acceptance testing of many Raven systems and the sales those systems would have generated. Continued weakness in the capital equipment markets for our EES products and delays in orders for Puma and Wasp unmanned aircraft systems also adversely impacted the quarter."

"The Raven systems that were not shipped in the third quarter have already been shipped in the fourth quarter, contributing to what we expect to be record quarterly revenue for the company. However, because of the late signing of the 2010 Defense budget and extended government order processing time, most of the digital Raven purchase orders we expected to receive are still in the procurement process, and they are not likely to arrive in time to convert into fourth quarter revenue. We expect the delayed Raven orders to move into our fiscal 2011, providing us with a strong foundation for achieving growth next year. Our fundamental market position, customer relationships and long-term growth prospects remain strong, yet I acknowledge the impact of order timing on our short-term results," Conver added.

Third Quarter Summary:

- Revenue of \$60.9 million
- Operating margin of 14%
- Earnings per diluted share of \$0.30

FISCAL 2010 THIRD QUARTER RESULTS

Revenue for the third quarter of fiscal 2010 was \$60.9 million, up 17% from third quarter fiscal 2009 revenue of \$52.2 million. The increase in revenue was primarily due to higher sales in our Unmanned Aircraft Systems (UAS) segment of \$11.7 million, partially offset by lower sales from our Efficient Energy Systems (EES) segment of \$3.1 million.

Income from operations for the third quarter of fiscal 2010 was \$8.5 million, up 107% from third quarter fiscal 2009 income from operations of \$4.1 million. The increase in income from operations was primarily due to higher gross margin of \$6.8 million, partially offset by higher selling, general and administrative (SG&A) expense of \$1.9 million and higher research and development (R&D) expense of \$0.5 million.

Net income for the third quarter of fiscal 2010 was \$6.5 million, up 43% from third quarter fiscal 2009 net income of \$4.5 million.

Earnings per diluted share for the third quarter of fiscal 2010 was \$0.30, up 43% from third quarter fiscal 2009 earnings per diluted share of \$0.21.

FISCAL 2010 YEAR-TO-DATE RESULTS

Revenue for the first nine months of fiscal 2010 was \$150.2 million, down 12% from the first nine months of fiscal 2009 revenue of \$171.6 million. The decrease in revenue resulted from lower sales in our UAS segment of \$13.8 million and EES segment of \$7.6 million.

Income from operations for the first nine months of fiscal 2010 was \$6.4 million, down 73% from the first nine months of fiscal 2009 income from operations of \$23.6 million. The decrease in income from operations was caused by lower gross margin of \$8.4 million, higher SG&A expense of \$6.9 million and higher R&D expense of \$1.8 million.

Net income for the first nine months of fiscal 2010 was \$5.1 million, down 72% from the first nine months of fiscal 2009 net income of \$18.4 million.

Earnings per diluted share for the first nine months of fiscal 2010 was \$0.23, down 73% from the first nine months of fiscal 2009 earnings per diluted share of \$0.84.

BACKLOG

As of January 30, 2010, funded backlog (unfilled firm orders for which funding is currently appropriated to us under a customer contract) was \$98.7 million compared to \$114.8 million as of April 30, 2009.

FISCAL 2010 — OUTLOOK FOR THE FULL YEAR

For fiscal year 2010, the Company expects revenue of approximately \$245 million plus or minus \$5 million, and operating income margin of 9% to 11%. The foregoing estimates are forward looking and reflect management's view of current and future market conditions, including certain assumptions with respect to our ability to obtain and retain government contracts, changes in the demand for our products and services, activities of competitors and changes in the regulatory environment, and general economic and business conditions in the United States and elsewhere in the world. Investors are reminded that actual results may differ materially from these estimates.

CONFERENCE CALL

In conjunction with this release, AeroVironment, Inc. will host a conference call today, Tuesday, March 9, 2010, at 1:30 pm Pacific Time that will be broadcast live over the Internet. Timothy E. Conver, chairman and chief executive officer, Stephen C. Wright, chief financial officer, and Steven A. Gitlin, director of investor relations, will host the call.

4:30 PM ET 3:30 PM CT 2:30 PM MT 1:30 PM PT

Investors may dial into the call at (877) 718-5092 (U.S.) or (719) 325-4595 (international) five to ten minutes prior to the start time to allow for registration.

Investors with access to the Internet may access the conference call live over the Internet at the Investor Relations section of the AeroVironment, Inc. website, <u>http://investor.avinc.com</u>. Please allow fifteen minutes prior to the call to download and install any necessary audio software. An audio replay of the event will be archived on the Investor Relations page of the company's web site, at <u>http://investor.avinc.com</u>.

A digital replay of the call will be available on Tuesday, March 9, at approximately 4:30 p.m. Pacific Time through Tuesday, March 16, at 9:00 p.m. Pacific Time. Dial (888) 203-1112 and enter the passcode 6035476. International callers should dial (719) 457-0820 and enter the same passcode number to access the digital replay.

ABOUT AEROVIRONMENT, INC. (AV)

Building on a history of technological innovation, AV designs, develops, produces and supports an advanced portfolio of Unmanned Aircraft Systems (UAS) and efficient electric energy systems. Agencies of the U.S. Department of Defense and allied military services use the company's battery-powered, hand-launched UAS to provide situational awareness to tactical operating units through real-time, airborne reconnaissance, surveillance and target acquisition. AV's clean transportation solutions include power cycling and test systems and industrial electric vehicle charging systems for commercial and institutional customers, as well as EV home chargers and EV fast chargers for consumers. More information about AV is available at <u>www.avinc.com</u>.

FORWARD-LOOKING STATEMENTS

This press release contains "forward-looking statements" as that term is defined in the Private Securities Litigation Reform Act of 1995. Forward-looking statements include, without limitation, any statement that may predict, forecast, indicate or imply future results, performance or achievements, and may contain words such as "believe," "anticipate," "expect," "estimate," "intend," "project," "plan," or words or phrases with similar meaning. Forward-looking statements are based on current expectations, forecasts and assumptions that involve risks and uncertainties, including, but not limited to, economic, competitive, governmental and technological factors outside of our control, that may cause our business, strategy or actual results to differ materially from the forward-looking statements. Factors that could cause actual results to differ materially from the forward-looking statements include, but are not limited to, reliance on sales to the U.S. government; changes in the supply and/or demand and/or prices for our products; the activities of competitors; failure of the markets in which we operate to grow; failure to expand into new markets; changes in significant operating expenses, including components and raw elsewhere in the world. For a further list and description of such risks and uncertainties, see the reports we file with the Securities and Exchange Commission. We do not intend, and undertake no obligation, to update any forward-looking statements, whether as a result of new information, future events or otherwise.

- Financial Tables Follow -

AeroVironment, Inc. Consolidated Statements of Income (Unaudited) (In thousands except share and per share data)

		Three Months Ended				Nine Months Ended			
	J	January 30, 2010		January 31, 2009		January 30, 2010		January 31, 2009	
Revenue:									
Product sales	\$	25,353	\$	30,160	\$	52,716	\$	92,746	
Contract services		35,508		22,065	_	97,452		78,871	
		60,861		52,225		150,168		171,617	
Cost of sales:									
Product sales		15,156		18,682		31,796		55,485	
Contract services		22,224		16,866		64,527	_	53,885	
		37,380		35,548		96,323		109,370	
Gross margin		23,481		16,677		53,845		62,247	
Selling, general and administrative		9,833		7,950		30,828		23,900	
Research and development		5,167		4,625		16,616		14,781	
Income from operations		8,481		4,102		6,401		23,566	
Other income:									
Interest income		38		197		147		1,107	
Income before income taxes		8,519		4,299		6,548		24,673	
Provision (benefit) for income taxes		2,004		(242)		1,404		6,264	
Net income	\$	6,515	\$	4,541	\$	5,144	\$	18,409	
Earnings per share data:									
Basic	\$	0.30	\$	0.21	\$	0.24	\$	0.88	
Diluted	\$	0.30	\$	0.21	\$	0.23	\$	0.84	
Weighted average shares outstanding:									
Basic		21,394,204		21,147,902		21,352,838		20,937,284	
Diluted		21,991,067		22,030,603		21,952,140		21,940,482	
		4							

AeroVironment, Inc. Selected Consolidated Balance Sheet Information (In thousands except share data)

		January 30, 2010		April 30, 2009	
	(Ui	naudited)			
Cash and cash equivalents	\$	52,843	\$	116,501	
Investments		73,654		28,679	
Accounts receivable, net		40,860		42,551	
Unbilled receivables and retentions		19,319		20,070	
Inventories, net		29,713		11,602	
Total assets		253,295		253,181	
Stockholders' equity		216,283		207,427	
Shares issued and outstanding		21,649,826		21,470,481	

Reportable Segment Results are as Follows (Unaudited): (In thousands)

		Three Months Ended				Nine Months Ended			
	Ja	January 30, 2010		January 31, 2009		January 30, 2010		January 31, 2009	
Revenue:									
UAS	\$	55,089	\$	43,394	\$	132,089	\$	145,926	
EES		5,772		8,831		18,079		25,691	
Total		60,861		52,225		150,168		171,617	
Gross margin:									
UAS		21,125		13,461		45,926		50,050	
EES		2,356		3,216		7,919		12,197	
Total		23,481		16,677		53,845		62,247	
Selling, general and administrative		9,833		7,950		30,828		23,900	
Research and development		5,167		4,625		16,616		14,781	
Income from operations		8,481		4,102		6,401		23,566	
Interest income		38		197		147		1,107	
Income before income taxes	\$	8,519	\$	4,299	\$	6,548	\$	24,673	

Additional AV News: http://www.avinc.com/News.asp AV Media Gallery: http://www.avinc.com/media_gallery.asp

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