## 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):

November 11, 2010

## AEROCENTURY CORP.

(Exact name of registrant as specified in its charter)

Delaware

94-3263974

(State or Other Jurisdiction of incorporation)

(I.R.S. Employer Identification No.)

1440 Chapin Avenue, Suite	
310	94010
Burlingame, CA	
(Address of principal	(Zip Code)
executive offices)	

(650)-340-1888 Registrant's telephone number, including area code:

> Not Applicable Former Name or Former Address, if changed since last report

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: o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425) oSoliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12) oPre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)) oPre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c)) Item 2.02: Earnings Announcement

On November 11, 2010, AeroCentury Corp. (the "Company") announced via press release the Company's preliminary results for its third quarter ended September 30, 2010. A copy of the Company's press release is attached hereto as Exhibit 99.1. This Form 8-K and the attached exhibit are provided under Item 2.02 of Form 8-K and are furnished to, but not filed with, the Securities and Exchange Commission.

AEROCENTURY CORP.

Date: November 12, 2010

By: /s/ Neal D. Crispin

Title: Chairman and CEO