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**FORM 6 - K**  
**SECURITIES AND EXCHANGE COMMISSION**  
Washington, DC 20549

**Report of Foreign Private Issuer**  
**Pursuant to Rule 13a - 16 or 15d - 16 under**  
**the Securities Exchange Act of 1934**

For the month of October 2011

Commission File Number 001-33159

**AERCAP HOLDINGS N.V.**  
(Translation of Registrant's Name into English)

**Stationsplein 965, 1117 CE Schiphol Airport, The Netherlands, +31-20-655-9655**  
(Address of Principal Executive Office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F  Form 40-F

(1):  Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)

Note: Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

(7):  Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)

Indicate by check mark whether the registrant by furnishing the information contained in this form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Act of 1934.

Yes  No

If "Yes" is marked, indicated below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82 — N/A

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**Other Events**

On October 7, 2011, AerCap Holdings N.V. announced that it has completed the sale of its wholly-owned subsidiary AeroTurbine, Inc. to International Lease Finance Corporation (ILFC). The sale agreement with ILFC was announced on August 3, 2011.

The completion of the sale followed receipt of all necessary regulatory approvals and satisfaction of all other closing conditions.

This Form 6-K is incorporated by reference into the Company's Form F-3 Registration Statement File No. 333-155194 and Form S-8 Registration Statements File Nos. 333-154416 and 333-165839, and related Prospectuses, as such Registration Statements and Prospectuses may be amended from time to time.

**Exhibits**

99.1 AerCap Holdings N.V. Press Release

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, thereunto duly authorized.

AERCAP HOLDINGS N.V.

By: /s/ Aengus Kelly  
Name: Aengus Kelly  
Title: Authorized Signatory

October 7, 2011

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**EXHIBIT INDEX**

99.1 AerCap Holdings N.V. Press Release.

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PRESS RELEASE

**AerCap Completes Sale of AeroTurbine Subsidiary to ILFC**

Amsterdam, The Netherlands; October 7, 2011 - AerCap Holdings N.V. ("AerCap", NYSE: AER) announced today that it has completed the sale of its wholly-owned subsidiary AeroTurbine, Inc. to International Lease Finance Corporation (ILFC). The sale agreement with ILFC was announced on August 3, 2011.

The completion of the sale followed receipt of all necessary regulatory approvals and satisfaction of all other closing conditions.

Credit Agricole Securities (USA) Inc. and UBS Investment Bank acted as financial advisors and Milbank, Tweed, Hadley & McCloy LLP acted as legal advisor to AerCap.

**About AerCap**

AerCap is the world's leading independent aircraft leasing company and currently owns and manages a fleet of 335 aircraft with an average age of 5.6 years. AerCap is headquartered in The Netherlands and has offices in Ireland, the United States, China, Singapore, the United Arab Emirates, and the United Kingdom ([www.aercap.com](http://www.aercap.com)).

**This press release may contain forward-looking statements that involve risks and uncertainties. In most cases, you can identify forward-looking statements by terminology such as "may", "should", "expects", "plans", "anticipates", "believes", "estimates", "predicts", "potential" or "continue" or the negative of such terms or similar terminology. Such forward-looking statements are not guarantees of future performance and involve significant assumptions, risks and uncertainties, and actual results may differ materially from those in the forward-looking statements.**

**For Media:**

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