
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 August 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

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

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.

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

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

Other Events

On August 3, 2011, AerCap Holdings N.V. announced that it has entered into an agreement with International Lease Finance Corporation (ILFC) for the sale of its wholly-owned subsidiary AeroTurbine, Inc. The closing of the AeroTurbine transaction, which is expected to occur in the coming months, remains subject to certain closing conditions and regulatory approvals.

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

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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

Date August 3, 2011

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EXHIBIT INDEX

99.1 AerCap Holdings N.V. Press Release.

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PRESS RELEASE

AerCap to Sell AeroTurbine Subsidiary to ILFC

Amsterdam, The Netherlands; August 3, 2011 - AerCap Holdings N.V. ("AerCap", NYSE: AER) announced today that it has entered into an agreement with International Lease Finance Corporation (ILFC) for the sale of its wholly-owned subsidiary AeroTurbine, Inc. The closing of the AeroTurbine transaction, which is expected to occur in the coming months, remains subject to certain closing conditions and regulatory approvals.

The purchase price for all of the outstanding shares of AeroTurbine is \$228 million. AerCap will continue to guarantee until December 14, 2011 AeroTurbine's obligations under its \$425 million revolving credit facility, of which approximately \$298.6 million was drawn as of July 31, 2011. ILFC will, in turn, provide AerCap with a guarantee of any payments that AerCap may be required to make under the credit facility pursuant to such guarantee until such date. It is expected that AeroTurbine will seek to amend and restate the credit facility in its entirety prior to December 14, 2011.

"AerCap acquired AeroTurbine in 2006 in order to strengthen the company's expertise in managing older aircraft. Over the last five years, we have been very successful in reducing the number of older aircraft in our portfolio and AerCap now boasts one of the youngest fleets in the industry," says AerCap's CEO Aengus Kelly. Mr. Kelly further said that "AerCap expects to use the capital released from the sale of AeroTurbine to pursue transactions that will generate long term value for our shareholders."

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

AerCap will host a conference call and webcast for investors and analysts at 9:30 am Eastern Time / 3:30 pm Central European Time on Friday, August 5, 2011 to review its second quarter 2011 financial results. This transaction will be discussed in more detail during that conference call, along with others including the recently announced purchase-leaseback with American Airlines.

About AerCap

AerCap is the world's leading independent aircraft leasing company and currently owns and manages a fleet of 350 aircraft with an average age of 5.5 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).

About AeroTurbine

AeroTurbine is a wholly-owned subsidiary of AerCap focusing on engine leasing and trading, airframe and engine disassembly, aviation supply chain solutions, part sales and MRO

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services. AeroTurbine is headquartered in Miami and has operations and sales offices in the Americas, Europe, the Middle East and Asia (www.aeroturbine.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.

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