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 June 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 🛛

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

No 🗵

Other Events

On June 10, 2011, AerCap Holdings N.V. announced that it has completed an amendment to its revolving debt facility. The \$775 million non-recourse facility, arranged by UBS Securities LLC, was originally put in place during April 2006 and has now been amended to allow for an additional two year revolving period with a three year term-out period, extending the transaction to June 2016.

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 KellyName:Aengus KellyTitle:Authorized Signatory

Date: June 10, 2011

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EXHIBIT INDEX

99.1 AerCap Holdings N.V. Press Release.



PRESS RELEASE

AerCap Announces Amendment to Revolving Debt Facility

Amsterdam, The Netherlands; June 10, 2011 — AerCap Holdings N.V. ("AerCap", NYSE: AER) today announced that it has completed an amendment to its revolving debt facility.

The \$775 million non-recourse facility, arranged by UBS Securities LLC, was originally put in place during April 2006 and has now been amended to allow for an additional two year revolving period with a three year term-out period, extending the transaction to June 2016. The facility continues to allow for the acquisition of a range of aircraft types, and provides AerCap committed financing and significant flexibility to purchase aircraft.

In addition to UBS, this transaction includes several new and significant lenders for AerCap - Credit Suisse AG, Citibank N.A., Nomura Global Financial Products Inc. and Scotiabank Capital.

The total amount of financing transactions completed in 2011 by AerCap is now \$1 billion. Two long term debt facilities for A330 aircraft financings were closed earlier this year with Landesbank Hessen-Thueringen Girozentrale of Germany and DBS Bank Ltd. of Singapore.

About AerCap

AerCap is the world's leading independent aircraft leasing company. AerCap also provides engine leasing, aircraft management services and performs aircraft maintenance, repair and overhaul services and aircraft disassemblies. AerCap is headquartered in The Netherlands and has offices in Ireland, the United States, Singapore, China, the United Arab Emirates and the United Kingdom.

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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