
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 July 2009

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 July 2, 2009, AerCap Holdings N.V. announced that it has signed a \$221 million funding facility with HSH Nordbank AG covering the pre-delivery payments for ten Airbus A330 aircraft.

This form 6-K is incorporated by reference into the Company's form F-3 registration statement file no. 333-155194 and related prospectus, as such registration statement and prospectus may be amended from time to time, and is incorporated by reference into the Company's form S-8 registration statement file no. 333-154416, as such registration statement 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/ Klaus Heinemann
Name: Klaus Heinemann

Title: Authorized Signatory

Date: July 2, 2009

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EXHIBIT INDEX

99.1 AerCap Holdings N.V. Press Release.

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PRESS RELEASE

FOR IMMEDIATE RELEASE

AerCap Signs \$221 Million Airbus A330 Pre-Delivery Payment Funding Facility

Amsterdam, The Netherlands; July 2, 2009 — AerCap Holdings N.V. (“AerCap”, NYSE: AER) today announced that it has signed a \$221 million funding facility with HSH Nordbank AG covering the pre-delivery payments for ten new Airbus A330 aircraft.

This funding facility completes AerCap’s remaining pre-delivery payment requirements for its 30 A330 aircraft order. This order was placed in 2006/2007 with deliveries scheduled until 2012.

Keith Helming, Chief Financial Officer of AerCap said: “We are pleased to now have pre- delivery funding in place for all of our committed A330 and A320 purchases. The current transaction further strengthens our relationship with HSH Nordbank who, as one of the major players in aviation financing, has supported AerCap’s business model in the past through pre-delivery funding for our Airbus A320 order, and facilities for the acquisition of a Boeing portfolio in 2008 and for our subsidiary AeroTurbine.

In total, AerCap has accessed over \$8 billion of debt financing over the last three years including \$4.5 billion raised in the turbulent market environment since the second quarter 2008.”

About AerCap

AerCap is an integrated global aviation company with a leading market position in aircraft and engine leasing, trading and parts sales. AerCap’s portfolio consists of 297 aircraft and 78 engines that are either owned, on order, under contract or letter of intent, or managed. The company also provides 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 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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