
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 March 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 March 12, 2009, AerCap Holdings N.V. announced that it had signed two debt facility agreements, an \$86 million A330 pre-delivery payment funding facility and an \$846 million ECA A320 delivery funding facility, the latter through its consolidated subsidiary, AerVenture Limited.

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

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: March 13, 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 Two Debt Facility Agreements; \$846 Million ECA A320 Delivery Funding Facility and \$86 Million A330 Pre-delivery Payment Funding Facility

Amsterdam, The Netherlands; March 12, 2009 — AerCap Holdings N.V. (“AerCap”, NYSE: AER) today announced that AerVenture Limited, its consolidated joint venture, has signed a facility agreement with Calyon S.A. and other banks and financial institutions, outlining the terms pursuant to which the European Export Credit Agencies may provide guarantees on up to \$846 million of financing to commercial banks to fund deliveries of A320 family aircraft under AerVenture’s forward order with Airbus through 2011. This completes the remaining financing requirement for the Airbus A320 family order of aircraft. The aircraft are part of an original 70 aircraft order placed by AerVenture Limited in January 2006. The European Export Credit Agencies consist of Coface in France, ECGD in the United Kingdom, and Euler-Hermes in Germany. The loans are to be provided by a syndicate of banks led by Calyon acting as Global Arranger and are subject to customary ECA requirements.

In addition AerCap confirmed that it signed in February 2009 a \$86 million Pre-delivery Payment Funding Facility with a European Financial Institution for three A330 aircraft on order with Airbus.

Keith Helming, Chief Financial Officer of AerCap said: “The closing of these two facilities represents the achievement of significant milestones in our 2009 funding plan. Including these deals, we have completed \$4.3 billion of financing agreements over the past twelve months. These transactions further demonstrate AerCap’s ability to continue to secure competitively priced, long-term financing even in this very challenging market environment. The support by the banking community and the export credit agencies confirms that there continues to be strong backing for AerCap’s business model.”

About AerCap

AerCap is an integrated global aviation company with a leading market position in aircraft and engine leasing, trading and parts sales. AerCap 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.

About AerVenture Limited

AerVenture was established as a joint venture between AerCap and two Kuwaiti partners, LoadAir and Al Fawares in January 2006 for the acquisition of 70 new Airbus A320 family aircraft from Airbus. LoadAir is active in air cargo operations as well as aviation-related investment activities. Al Fawares is an investment company with a global portfolio of

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businesses encompassing media, telecommunications, real estate and banking in addition to aviation.

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.

Contact for Investors:

Peter Wortel
+31 20 655 9658
pwortel@aercap.com

Contact for Media:

Frauke Oberdieck
+31 20 655 9616
foberdieck@aercap.com

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