
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 **January 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 January 22, 2009, AerCap Holdings N.V. announced that it would release its fourth quarter and full year 2008 financial results on February 25, 2009.

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: January 23, 2009

EXHIBIT INDEX

99.1 AerCap Holdings N.V. Press Release.



PRESS RELEASE

FOR IMMEDIATE RELEASE

**AerCap Holdings N.V. to Release Fourth-Quarter and Full Year 2008
Financial Results on February 25, 2009**

AMSTERDAM, The Netherlands, January 22, 2009 - AerCap Holdings N.V. ("AerCap," NYSE: AER) announced today that it will host a conference call and webcast for investors and analysts at 9:30 am Eastern Time / 3:30 pm Central European Time on Wednesday, February 25, 2009 to review its fourth-quarter and full year 2008 financial results.

AerCap's fourth-quarter and full year 2008 earnings press release will be released before financial markets open in the United States on February 25, 2009. A copy of the press release will be posted on the "Investor Relations" section of AerCap's website at <http://www.aercap.com>. At the same time, the presentation slides for the conference call will also be posted on AerCap's website.

The call can be accessed live by dialing (U.S./Canada) 800-676-6978 or (International) + 1-706-634-5464 and referencing code 82185363 at least 5 minutes before start time, or by visiting AerCap's website at <http://www.aercap.com> under 'Investor Relations'.

A replay of the call will be available beginning at 10:30 am Eastern Time / 4:30 pm Central European Time on February 25, 2009 and continuing through March 30, 2009. To access the recording, call 800-642-1687 (U.S./Canada) or +1-706-645-9291 (International) and enter passcode 82185363. The webcast replay will be archived in the "Investor Relations" section of the company's website for one year.

About AerCap Holdings N.V.

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, China, Singapore 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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