AerCap Holdings N.V.
Form 6-K
April 14, 2009

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 April 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 x Form 40-F o

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): o

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)): o

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 o No x

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 April 9, 2009, AerCap Holdings N.V. released a summary of completed transactions during the first quarter of 2009.

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: April 10, 2009

EXHIBIT INDEX

99.1	AerCap Holdings N.V. Press Release.