AerCap Holdings N.V. Form 6-K April 25, 2008

## 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 2008

Commission File Number 001-33159

### AERCAP HOLDINGS N.V.

(Translation of Registrant s Name into English)

Evert van de Beekstraat 312, 1118 CX 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):

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 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 24, 2008, AerCap Holdings N.V. released a summary of its First Quarter 2008 transactions.

#### **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: April 25, 2008

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### EXHIBIT INDEX

99.1 AerCap Holdings N.V. Press Release.

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