
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, DC 20549

FORM 6 - K

**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 2012

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)):

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's "home country"), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

Other Events

On July 11, 2012, AerCap Holdings N.V. released a summary of its completed transactions during the second quarter of 2012. This information is attached hereto as Exhibit 99.1.

This Form 6-K is incorporated by reference into the Company's Form F-3 Registration Statement File No. 333-155194 and Form S-8 Registration Statements File Nos. 333-180323, 333-154416 and 333-165839, and related Prospectuses, as such Registration Statements and Prospectuses 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/ Aengus Kelly

Name: Aengus Kelly
Title: Authorized Signatory

Date: July 11, 2012

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EXHIBIT INDEX

99.1 AerCap Holdings N.V. Press Release.

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PRESS RELEASE

AerCap Holdings N.V. Announces Transactions for the Second Quarter 2012

Amsterdam, The Netherlands; July 11, 2012 - AerCap Holdings N.V. ("AerCap," "the Company," NYSE: AER) today announced the completion of the following transactions during the second quarter 2012:

- Signed new lease agreements for 20 aircraft,
- Delivered 11 aircraft under contracted lease agreements,
- Purchased five new aircraft,
- Closed the sale of six aircraft, and
- Signed financing transactions for \$340 million.

Transaction Overview	Second Quarter 2012			Year to Date 2012		
	Owned	Managed	Total	Owned	Managed	Total
Lease Agreements						
<i>Contracts</i>	20	—	20	29	—	29
<i>Letters of Intent</i>	2	—	2	3	—	3
Deliveries						
<i>Closed</i>	11	—	11	17	—	17
Purchases						
<i>Closed</i>	5	—	5	10	—	10
<i>Contract Signed, to be Delivered</i>	5	—	5	5	—	5
Sales						
<i>Aircraft - Closed</i>	3	3	6	5	5	10
<i>Aircraft - Contract Signed, to be Delivered</i>	1	1	2	1	1	2

Lease Activities: Contracts Signed for Twenty Aircraft — Eleven Aircraft Delivered

New Lease Agreements

AerCap signed new lease agreements for 20 aircraft in the second quarter 2012:

- Seven new Boeing 737-800s for China Southern (China),
- Three new Boeing 737-800s for American Airlines as part of the American Airlines sale and leaseback arrangement (U.S.A.),
- Four new A330s for Singapore Airlines (Singapore),
- One Airbus A319 for TAME (Ecuador),
- One Airbus A319 for Fly Georgia (Georgia),
- One Airbus A319 for Brussels Airlines (Belgium),
- One Airbus A320 for Yamal Airlines (Russia), and
- Two Airbus A320s for Livingston (Italy).

The average term of lease agreements and letters of intent for new aircraft signed during the past 12 months was 138 months. The average term of lease agreements and letters of intent for used aircraft in that period was 64 months.

Deliveries

AerCap completed 11 aircraft deliveries under contracted lease agreements in the second quarter:

- Three new Boeing 737-800s to American Airlines as part of the American Airlines sale and leaseback arrangement (U.S.A.),
- One Airbus A320 to Frontier (U.S.A.),
- One Airbus A320 to Virgin America (U.S.A.),
- Two Airbus A320s to Atlasjet (Turkey),
- One Airbus A321 to Onur Air (Turkey),
- One Airbus A319 to Hamburg Airlines (Germany),
- One Airbus A319 to TAME (Ecuador), and

· One Airbus A319 to Brussels Airlines (Belgium).

Purchase Activities: Purchases Closed for Five Aircraft

AerCap purchased three new Boeing 737-800s, one new Airbus A320-200 and one new Airbus A330-300 during the second quarter. AerCap also signed contracts for the purchase of five new Airbus A330-300s for lease to Singapore Airlines, including one aircraft contracted for sale during the quarter to AerDragon.

Sales Activities: Six Aircraft Sold

During the second quarter, AerCap closed sales transactions for one Airbus A320, one Boeing 757-200 and one Airbus A330-300 from its owned portfolio. AerCap also sold one Boeing 737-400 and two Airbus A320s from its managed portfolio. In addition to the completed sales transactions and the A330 sales contract with AerDragon, AerCap signed a contract for the sale of one Boeing B737-400 from its managed portfolio.

Debt Facilities: \$340 Million Completed During the Second Quarter - Total of \$650 Million Year-To-Date

In the second quarter, AerCap closed three financing transactions totaling approximately \$340 million, including a \$300 million senior unsecured notes issuance. The total amount of financing transactions completed by AerCap in the year to date is \$650 million.

Portfolio Summary

As of June 30, 2012, AerCap's portfolio consisted of 347 aircraft that were either owned, on order, under contract, letter of intent or purchase option, or managed.

About AerCap

AerCap is the world's leading independent aircraft leasing company and has one of the youngest fleets in the industry. AerCap is a New York Stock Exchange-listed company

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(AER) headquartered in The Netherlands with offices in Ireland, the United States, China, Singapore, and the United Arab Emirates.

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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