# **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 October 2010

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):
attached ar	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 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) )
the informa	Indicate by check mark whether the registrant by furnishing the information contained in this form is also thereby furnishing ation 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 $12g3-2(b)$ : $82 - N/A$
Othe	er Events
	er 19, 2010, AerCap Holdings N.V. announced that it has placed the first converted Airbus A320 freighters from its fleet on European cargo operator West Atlantic.
Exhi	ibits
99.1 A	AerCap Holdings N.V. Press Release
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	SIGNATURE

its behalf by the undersigned, thereunto duly authorized.

### AERCAP HOLDINGS N.V.

By: /s/ Klaus Heinemann Name: Klaus Heinemann

Title: Authorized Signatory

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99.1 AerCap Holdings N.V. Press Release.

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#### PRESS RELEASE

#### West Atlantic to Lease First Converted Airbus A320 Freighter Aircraft From AerCap

Amsterdam, The Netherlands; October 19, 2010 - AerCap Holdings N.V. ("AerCap," "the Company", NYSE: AER) today announced that it has placed the first converted Airbus A320s freighters from its fleet on lease with European cargo operator West Atlantic. These aircraft are part of a passenger to freighter ("P2F") conversion project for up to thirty A320 aircraft that AerCap agreed with Airbus Freighter Conversions ("AFC") in 2008.

Under the lease agreement between AerCap and West Atlantic, which is subject to finalization of terms and conditions, West Atlantic will become launch operator for the A320 P2Fs by taking an initial three aircraft on lease from AerCap with deliveries between 2012 and mid-2013, with the option of a further four aircraft by 2015.

AerCap, AerCap's subsidiary AeroTurbine and AFC will provide certain spares, crew training and line support to West Atlantic for facilitating the entry of the converted aircraft into service.

West Atlantic is one of Europe's largest all cargo regional operators, with a long history of operating scheduled and ad hoc freight charter services for integrators, post and express parcels, and feeder operations.

Klaus Heinemann, CEO of AerCap, said: "The announcement of West Atlantic as launch operator for our P2F aircraft represents a substantial milestone for AerCap and AFC in developing the conversion project. AerCap's expansion into the freighter segment with the A320 P2F will further advance the diversification of our asset and customer base and provide residual value enhancement for older A320 aircraft."

"The A320 P2F program is an exciting project and we are delighted to be the launch operator for this new freighter," said West Atlantic Sales & Operations Director, Russell Ladkin. "The A320 provides significant competitive advantage over the established market competition and we are looking forward to building upon the success of this advanced aircraft".

### About AerCap

AerCap is the world's leading independent aircraft leasing company. AerCap also provides engine leasing, aircraft management services, 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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