Warden Robert G Form 4 January 05, 2012

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Check this box

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Warden Robert G

(First) (Middle) (Last)

AERCAP HOUSE, STATIONSPLEIN 965

(Street)

2. Issuer Name and Ticker or Trading Symbol

AerCap Holdings N.V. [AER]

3. Date of Earliest Transaction (Month/Day/Year)

12/31/2011

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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Number:

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response...

Estimated average

burden hours per

X_ Director 10% Owner Officer (give title Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

(City) (State) (Zip)

SCHIPHOL AIRPORT, P7 1117CE

1.Title of 2. Transaction Date 2A. Deemed Security

(Instr. 3)

(Month/Day/Year)

Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5)

(A)

or

Following Reported Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price

Securities Beneficially Owned

5. Amount of

7. Nature of 6. Ownership Form: Direct Indirect (D) or Indirect Beneficial (I) Ownership (Instr. 4) (Instr. 4)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of 3. Transaction Date 3A. Deemed Derivative Conversion (Month/Day/Year) Execution Date, if Security or Exercise any

5. Number Transaction of Derivative Expiration Date Code Securities

6. Date Exercisable and (Month/Day/Year)

7. Title and Amount of Underlying Securities

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr.	8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			(Instr. 3 and	4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Ordinary Share Options	\$ 11.29	12/31/2011		J <u>(1)</u>		2,151		01/01/2015	12/31/2021	Ordinary Shares	2,151

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Warden Robert G
AERCAP HOUSE
STATIONSPLEIN 965
SCHIPHOL AIRPORT, P7 1117CE

Signatures

/s/ Robert G.

Warden 01/05/2011

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Grant of Options. This form is filed voluntarily. As a foreign private issuer, AerCap is exempted from Section 16 of the Exchange Act by Rule 3a12-3.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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