Warden Robert G Form 4 January 26, 2011

FORM 4

OMB APPROVAL UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB 3235-0287 Number:

January 31, Expires: 2005

0.5

Estimated average burden hours per response...

Check this box

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

obligations

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

2. Issuer Name and Ticker or Trading

AerCap Holdings N.V. [AER]

Washington, D.C. 20549

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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Last)

1.Title of

Security

(Instr. 3)

(Print or Type Responses)

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

(First) (Middle)

AERCAP HOUSE, STATIONSPLEIN 965

(Street)

2. Transaction Date 2A. Deemed

4. If Amendment, Date Original

3. Date of Earliest Transaction

Filed(Month/Day/Year)

(Month/Day/Year)

12/31/2010

Symbol

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

SCHIPHOL, P7 1117CE

(City) (State) (Zip)

(Month/Day/Year)

3. 4. Securities Execution Date, if

Code (Month/Day/Year) (Instr. 8)

TransactionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5)

Code V Amount (D) Price

(A)

or

Securities Beneficially Owned Following Reported Transaction(s)

5. Amount of

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

7. Nature of Indirect Ownership (Instr. 4)

(Instr. 3 and 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 5. Number 6. Date Exercisable and 7. Title and Amount Derivative Conversion (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date of Underlying (Month/Day/Year) Security or Exercise any Code Securities Securities

Edgar Filing: Warden Robert G - Form 4

(Instr. 3)	Price of Derivative Security	(Month/Day/Y	(Inst	r. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			(Instr. 3 and 4)		
			Code	e V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Ordinary Share Options	\$ 14.12	12/31/2010	J <u>(1)</u>		1,774		01/01/2014	12/31/2020	Ordinary Shares	1,774

Reporting Owners

Reporting Owner Name / Address	Relationships						
• 0	Director	10% Owner	Officer	Other			
Warden Robert G AERCAP HOUSE STATIONSPLEIN 965 SCHIPHOL, P7 1117CE	X						

Signatures

/s/ Robert G.

Warden 01/25/2011

**Signature of Person Date

Reporting Person

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.

Reporting Owners 2