CHAPMAN JAMES N

Form 4

January 21, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

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response...

Check this box if no longer subject to Section 16. Form 4 or

SECURITIES Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations 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).

(Print or Type Responses)

1. Name and Address of Reporting Person * CHAPMAN JAMES N

2. Issuer Name and Ticker or Trading Symbol

Issuer

5. Relationship of Reporting Person(s) to

AerCap Holdings N.V. [AER]

(First) (Middle) (Last)

3. Date of Earliest Transaction

(Month/Day/Year)

12/31/2010

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

(Check all applicable)

AERCAP HOUSE, STATIONSPLEIN 965

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

below)

Filed(Month/Day/Year) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

SCHIPHOL AIRPORT, P7 1117CE

(Street)

(City) (State) (Zip)

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

1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Indirect Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned (I) Ownership Following (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) or (Instr. 3 and 4)

Code V Amount (D) Price

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

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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 Derivative **Expiration Date** of Underlying (Month/Day/Year) Security or Exercise any Code Securities 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	\$ 14.12	12/31/2010		J <u>(1)</u>		1,774		01/01/2014	12/31/2020	Ordinary Share Options	1,774

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

CHAPMAN JAMES N
AERCAP HOUSE
STATIONSPLEIN 965
SCHIPHOL AIRPORT, P7 1117CE

Signatures

/s/ James N. 01/21/2011 Chapman

**Signature of 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.

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