

FORM 3**UNITED STATES SECURITIES AND EXCHANGE
COMMISSION**

Washington, D.C. 20549

OMB APPROVALOMB 3235-
Number: 0104
Estimated average
burden hours per
response... 0.5**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF
SECURITIES**Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * Juhas Peter (Last) (First) (Middle) 65 ST. STEPHEN'S GREEN (Street) DUBLIN, L2 2 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 03/31/2017	3. Issuer Name and Ticker or Trading Symbol AerCap Holdings N.V. [AER]	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Chief Financial Officer	5. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
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Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Ordinary Shares (1)	29,025	D	

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

SEC 1473 (7-02)

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Restricted Stock Units (1)	(3)	(3)	Ordinary Shares	225,000	\$ (2)	D	
Restricted Stock Units (1)	(4)	(4)	Ordinary Shares	8,061	\$ (2)	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Juhas Peter 65 ST. STEPHEN'S GREEN DUBLIN, L2 2			Chief Financial Officer	

Signatures

/s/ Peter Juhas | 04/24/2017

Signature of Reporting
Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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) This form is filed voluntarily. As a foreign private issuer, AerCap is exempted from Section 16 of the Exchange Act by Rule 3a12-3. Each Restricted Stock Unit ("RSU") represents a right to receive, upon settlement, either (i) a number of Ordinary Shares equal to the
- (2) number of vested RSUs that become payable upon the applicable vesting date; (ii) an amount of cash equal to the fair market value of such number of Ordinary Shares; or (iii) a combination of items (i) and (ii).
- (3) 75,000 of the RSUs will vest on September 13, 2019. A certain percentage of the remaining 150,000 RSUs may vest on September 13, 2019 subject to certain performance goals.
- (4) These RSUs will vest on September 13, 2019.

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.