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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

1. Name and Address of Reporting Person * <u>Kelly Aengus</u> <hr/> (Last) (First) (Middle) AERCAP HOUSE 65 ST. STEPHEN'S GREEN <hr/> (Street) DUBLIN L2 D02 YX20 <hr/> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>AerCap Holdings N.V. [AER]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) Chief Executive Officer
	3. Date of Earliest Transaction (Month/Day/Year) 04/20/2026	
	4. If Amendment, Date of 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

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Ordinary Shares	04/20/2026		M ⁽¹⁾		500,000	A	\$0	5,560,034	I	By AerCap Holdings N.V. Equity Incentive Plans Trust ⁽¹⁾
Ordinary Shares	04/20/2026		F ⁽²⁾		152,010	D	\$147.45	5,408,024	I	By AerCap Holdings N.V. Equity Incentive Plans Trust ⁽¹⁾
Ordinary Shares								1,189,206	D	
Ordinary Shares								81,725	I	By spouse

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					
Restricted Share Units	(3)	04/20/2026		M			500,000	(3)	(3)	Ordinary Shares	(3)	0	D	

Explanation of Responses:

1. Represents Ordinary Shares granted as compensatory awards and held by the AerCap Holdings N.V. Equity Incentive Plans Trust in order to achieve certain tax benefits under Irish law, after which the shares (to the extent vested) will be released to the reporting person. Of these awards, 2,247,057 are restricted shares that remain subject to service-based vesting conditions and 905,877 are restricted shares that remain subject to service- and performance-based vesting conditions. The remaining 2,255,090 shares are no longer subject to vesting conditions but remain subject to disposal restrictions.

2. Represents the satisfaction of tax withholding obligations in connection with the conversion of the RSUs.

3. On May 12, 2025, the reporting person was awarded 500,000 restricted share units ("RSUs"). The RSUs have converted into restricted shares subject to service-vesting conditions on a one-for-one basis. The restricted shares are held by the AerCap Holdings N.V. Equity Incentive Plans Trust for the benefit of the reporting person until the restricted shares are required to be transferred to the reporting person in accordance with the terms of the award agreement or are forfeited. A portion of the restricted shares were withheld to pay taxes incurred by the reporting person in connection with the conversion. The 500,000 restricted shares will vest on April 30, 2030.

/s/ Aengus Kelly

04/21/2026

** Signature of Reporting Person

Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.