

EXPLANATION TO THE AGENDA

Explanation to the agenda for the annual general meeting of shareholders of AerCap Holdings N.V., a public limited liability company (*naamloze vennootschap*) incorporated in the Netherlands with its corporate seat in Amsterdam and Dutch trade register number 34251954 (the "**Company**") to be held on Wednesday April 17, 2024 at 10:30 a.m. (Amsterdam time) at the offices of NautaDutilh N.V. at Beethovenstraat 400, 1082 PR Amsterdam, The Netherlands (the "**Meeting**").

Agenda item 2 (for discussion):

The Dutch Civil Code requires that the Board of Directors prepare a report with respect to, among other things, the business of the Company and the conduct of its affairs during the preceding financial year. In accordance with Dutch law and the articles of association of the Company, a summary of the contents of the report of the Board of Directors for the financial year 2023 will be discussed at the annual general meeting of shareholders.

Due to the international nature of the Company's business, the report of the Board of Directors for the financial year 2023 has been prepared in the English language, which is permitted under Article 2:391(1) of the Dutch Civil Code, subject to approval by the Company's general meeting of shareholders. Such approval has been obtained for the 2006 financial year and subsequent financial years.

Agenda item 3 (voting item):

The Dutch Civil Code requires the preparation of the Company's annual accounts, consisting of a balance sheet and a profit and loss account with respect to the preceding financial year, together with the explanatory notes thereto. Under Article 2:406 of the Dutch Civil Code, the annual accounts consist of the annual accounts of the Company on an unconsolidated basis and the consolidated accounts of the Company and its subsidiaries.

Due to the international nature of the Company's business, the annual accounts for the financial year 2023 have been prepared in the English language, which is permitted under Article 2:362 of the Dutch Civil Code, subject to approval by the Company's general meeting of shareholders. Such approval has been obtained for the 2006 financial year and subsequent financial years.

Agenda item 4 (for discussion):

The Board of Directors has determined that the 2023 profit shall be reserved and that no profits shall be distributed as dividends to the shareholders from the Company's reserves as at December 31, 2023. Pursuant to the articles of association of the Company, the decision to reserve profits is at the discretion of the Board of Directors. The Board of Directors believes that it is in the best interests of the Company to reserve the 2023 profit, noting that this policy may be reconsidered in the future. Any reconsideration of this policy will depend on the Company's future earnings and capital needs, the Company's operating and financial condition, and other factors that the Board of Directors may deem relevant.

The Board of Directors continuously assesses the best use of the Company's capital, including aircraft purchases, acquisitions, deleveraging, and return of capital to the Company's

shareholders through share repurchases and/or dividend payments, if any.

During the year ended December 31, 2023, the Company repurchased an aggregate of 44.3 million of its ordinary shares under share repurchase programs at an average price of \$59.09 per ordinary share, including the repurchase of 36.4 million ordinary shares from GE.

The timing of repurchases and the exact number of shares to be repurchased (if any) will - within the scope of the authorizations granted by the Company's general meeting of shareholders in this respect - be determined by the Board of Directors, in its discretion, and will depend upon market conditions and other factors.

Agenda item 5 (voting item):

It is proposed to release the directors (*leden raad van bestuur*) from liability (*kwijting verlenen aan*) with respect to their management during the 2023 financial year. Such release only applies to matters that are disclosed in the Company's annual accounts or have otherwise been disclosed to the Company's general meeting of shareholders prior to the resolution to release.

Agenda item 6 (voting item):

A person appointed in accordance with article 16, paragraph 8 of the Company's articles of association shall be temporarily responsible for the management of the Company in case all directors are absent or prevented from acting.

It is proposed to appoint Mr. Peter L. Juhas as the person referred to in article 16, paragraph 8 of the Company's articles of association.

Mr. Juhas was appointed Chief Financial Officer of the Company in 2017, following his appointment as Deputy Chief Financial Officer of the Company in 2015. Prior to joining the Company, Mr. Juhas was the global head of strategic planning at AIG, where he led the sale of ILFC to the Company in 2014. Prior to joining AIG, Mr. Juhas was a Managing Director at Morgan Stanley, where he led the Company's initial public offering in 2006. Prior to joining Morgan Stanley, Mr. Juhas was an attorney in the Mergers and Acquisitions group at Sullivan & Cromwell LLP, the New York law firm. Mr. Juhas received his A.B. from Harvard College and his J.D. from Harvard Law School.

Agenda item 7 (voting item):

The registered accountant examines the annual accounts of the Company. Article 2:393 of the Dutch Civil Code stipulates that the general meeting of shareholders is authorized to appoint the registered accountant for the audit of the Company's annual accounts. It is proposed to appoint KPMG Accountants N.V. for the audit of the Company's annual accounts for the financial year 2024. The Board of Directors believes that, in view of their continued focus on engagement performance and quality, renewal of the appointment of KPMG Accountants N.V. would best serve the Company and its shareholders.

Agenda item 8:

Under Dutch law and article 4, paragraph 1 of the Company's articles of association, the Company's general meeting of shareholders may designate the Board of Directors as the corporate body authorized to resolve upon the issuance of shares in the capital of the Company and to determine the price and further terms and conditions of such issuance, and the granting of rights to subscribe for shares in the capital of the Company. On such designation, the number of shares that may be issued must be specified. Under Dutch law and

article 5, paragraph 3 of the Company's articles of association, the Company's general meeting of shareholders may designate the Board of Directors as the corporate body authorized to resolve to limit or exclude pre-emptive rights. Both designations shall only be valid for a specified period of not more than five (5) years and may from time to time be extended for a period of not more than five (5) years. In Dutch corporate practice, a period of eighteen (18) months is customary. The general meeting of shareholders has most recently made the abovementioned designations, each for a period of eighteen (18) months, at the 2023 annual general meeting of shareholders ("**2023 AGM**").

Agenda item 8a (voting item):

It is proposed to authorize the Board of Directors and for that purpose, designate the Board of Directors as the authorized corporate body, to resolve upon the issuance of shares in the capital of the Company and to determine the price and further terms and conditions of such issuance, and the granting of rights to subscribe for shares in the capital of the Company, for a period of eighteen (18) months from the date of this annual general meeting of shareholders, and provided that the aggregate number of shares that may be issued and rights that may be granted pursuant to this authorization shall not exceed 10% of the issued share capital at the date of such authorization (April 17, 2024).

The Board of Directors may use the authorization pursuant to this agenda item 8a for any purpose as it deems fit.

Agenda item 8b (voting item):

It is furthermore proposed to authorize the Board of Directors and for that purpose, designate the Board of Directors as the authorized corporate body, to resolve to limit or exclude pre-emptive rights in respect of any issue of shares or granting of rights to subscribe for shares to be resolved upon by the Board of Directors pursuant to agenda item 8a, for a period of eighteen (18) months from the date of this annual general meeting of shareholders.

A resolution of the Company's general meeting of shareholders to designate the Board of Directors as the authorized corporate body, to resolve to limit or exclude pre-emptive rights in respect of any issue of shares or granting of rights to subscribe for shares, as described above, shall require a two-thirds majority vote if less than half of the issued share capital is present or represented at the general meeting of shareholders.

Agenda item 9:

Under article 6, paragraph 1 of the Company's articles of association and in accordance with Dutch law, the Company may, subject to certain Dutch statutory provisions, acquire and hold up to half of the Company's issued share capital. Any such acquisitions are subject to the authorization of the general meeting of shareholders, which authorization shall be valid for no more than eighteen (18) months. The general meeting of shareholders has most recently granted the abovementioned authorization at the 2023 AGM.

Agenda item 9a (voting item):

It is proposed to authorize the Board of Directors for a period of eighteen (18) months from the date of this annual general meeting of shareholders to acquire the Company's own shares up to 10% of the issued share capital at the date of such authorization (April 17, 2024), whether through purchases on the New York Stock Exchange or by any other means, for a price per share that is between an amount equal to zero and an amount which is not higher than 10% above:

- (1) the closing price of the Company's shares quoted on the New York Stock Exchange on the last trading day prior to the day that, at the discretion of the Board of Directors, (x) the acquisition of such shares ("**Acquisition**") is effected or (y) the binding commitments (through contract, tender offer or otherwise) with respect to an Acquisition ("**Binding Commitments**") are entered into, in each case outside opening hours of the New York Stock Exchange; or
- (2) the price of the Company's shares quoted on the New York Stock Exchange or, should such quotation not exist, the last previous quotation on the New York Stock Exchange, at the time that, at the discretion of the Board of Directors, (x) the Acquisition is effected or (y) the Binding Commitments are entered into, in each case during opening hours of the New York Stock Exchange; or
- (3) in the case of an accelerated repurchase arrangement or similar program, the volume weighted average price, or such other average price as determined by the Board of Directors, of the Company's shares quoted on the New York Stock Exchange over the term of the arrangement, as such average price may be adjusted as a result of market disruptions or similar factors in accordance with the terms of such arrangement;

provided that the number of shares which the Company may at any time hold in its own capital will not exceed 10%.

Agenda item 9b (voting item):

It is proposed to further authorize the Board of Directors for a period of eighteen (18) months from the date of this annual general meeting of shareholders, to acquire the Company's own shares up to an additional 10% of the issued share capital at the date of such authorization (April 17, 2024), whether through purchases on the New York Stock Exchange or by any other means, for a price per share that is between an amount equal to zero and an amount which is not higher than 10% above:

- (1) the closing price of the Company's shares quoted on the New York Stock Exchange on the last trading day prior to the day that, at the discretion of the Board of Directors, (x) the Acquisition is effected or (y) the Binding Commitments are entered into, in each case outside opening hours of the New York Stock Exchange; or
- (2) the price of the Company's shares quoted on the New York Stock Exchange or, should such quotation not exist, the last previous quotation on the New York Stock Exchange, at the time that, at the discretion of the Board of Directors, (x) the Acquisition is effected or (y) the Binding Commitments are entered into, in each case during opening hours of the New York Stock Exchange; or
- (3) in the case of an accelerated repurchase arrangement or similar program, the volume weighted average price, or such other average price as determined by the Board of Directors, of the Company's shares quoted on the New York Stock Exchange over the term of the arrangement, as such average price may be adjusted as a result of market disruptions or similar factors in accordance with the terms of such arrangement;

provided that the number of shares which the Company may at any time hold in its own capital will not exceed 10% (and that the authorization pursuant to this agenda item 9b shall thus be conditional upon cancellation of shares pursuant to agenda item 10).

If approved, the authorizations proposed under agenda items 9a and 9b will together allow the Company to acquire up to a maximum of 20% of its issued share capital, if applicable subject to cancellation of shares in accordance with agenda item 10. The Company may repurchase and acquire such shares at any time during the period of eighteen (18) months, starting from April 17, 2024. Repurchased shares may be cancelled with regularity, provided that the general meeting of shareholders adopts the proposal under agenda item 10.

Agenda item 10 (voting item):

It is proposed by the Board of Directors to reduce the Company's issued share capital through the cancellation of shares that may be acquired by the Company during the period of eighteen (18) months from the date of this annual general meeting of shareholders, pursuant to the authorizations to repurchase shares, as outlined under agenda item 9, or otherwise (for example through a legal merger or for no consideration).

Pursuant to article 7 of the Company's articles of association, the general meeting of shareholders may resolve to reduce the issued share capital of the Company by cancelling shares, provided that the amount of the issued share capital does not fall below the minimum share capital as required by law.

The number of shares to be cancelled following this resolution will be determined by the Board of Directors or the Company's Chief Executive Officer. The cancellation may be executed in one or more tranches.

The capital reduction will enable the Company to further improve its equity structure and shall take place with due observance of the applicable provisions of Dutch law and the Company's articles of association.

A resolution of the general meeting of shareholders to cancel the Company's shares, as described above, shall require a two-thirds majority vote if less than half of the issued share capital is present or represented at the general meeting of shareholders.

The Board of Directors
March 4, 2024