Great Ajax Corp. Form 424B5 June 09, 2016

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This preliminary prospectus supplement relates to an effective registration statement under the Securities Act of 1933, as amended, but the information in this preliminary prospectus supplement is not complete and may be changed. This preliminary prospectus supplement and the accompanying prospectus are not an offer to sell these securities and are not soliciting an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

Filed Pursuant to Rule 424(b)(5)
Registration File No. 333-209513
SUBJECT TO COMPLETION, DATED JUNE 9, 2016
PROSPECTUS SUPPLEMENT
(To Prospectus dated April 12, 2016)
Shares

Common Stock

We are offering shares of our common stock. Our shares trade on the New York Stock Exchange under the symbol "AJX." On June 8, 2016, the last sale price of the shares as reported on the New York Stock Exchange was \$13.90 per share.

The underwriters have agreed to purchase the common stock from us at a price of \$ per share, which will result in approximately \$ of proceeds to us before expenses. We have granted the underwriters the right to purchase up to additional shares of our common stock from us at the public offering price, less the underwriting discount, within 30 days after the date of this prospectus supplement.

Investing in our common stock involves certain risks. See "Risk Factors" beginning on page S-7 of this prospectus supplement and in the reports we file with the Securities and Exchange Commission pursuant to the Securities Exchange Act of 1934, as amended, incorporated by reference in this prospectus supplement and the accompanying prospectus to read about factors you should consider before making an investment in our common stock. We elected to be taxed as a real estate investment trust, or REIT, for U.S. federal income tax purposes beginning with our taxable year ended December 31, 2014. Our qualification as a REIT depends upon our ability to meet, on a continuing basis, various complex requirements under the Internal Revenue Code of 1986, as amended, or the Code, relating to, among other things, the sources of our gross income, the composition and values of our assets, our distribution levels and the diversity of ownership of our capital stock. We believe that we are organized in conformity with the requirements for qualification as a REIT under the Code and that our current intended manner of operation enables us to meet the requirements for taxation as a REIT for U.S. federal income tax purposes.

We are an "emerging growth company" under the Jumpstart Our Business Startups Act, or the JOBS Act, and are subject to reduced public company reporting requirements.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement is truthful or complete. Any representation to the contrary is a criminal offense.

The shares will be ready for delivery on or about June , 2016.

Book-Running Managers Piper JaffrayFBR

The date of this prospectus supplement is June , 2016

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ABOUT THIS PROSPECTUS SUPPLEMENT

This document is in two parts. The first part is the prospectus supplement, which describes the specific terms of the common stock we are offering and certain other matters relating to us. The second part, the accompanying prospectus, gives more general information about the common stock, which we may offer from time to time, some of which may not apply to the common stock offered by this prospectus supplement. You should read both this prospectus supplement and the accompanying prospectus as well as the additional information described in this prospectus supplement under the headings "Where You Can Find More Information" and "Incorporation of Certain Documents by Reference" before investing in our common stock.

If information varies between this prospectus supplement and the accompanying prospectus, you should rely only on such information in this prospectus supplement. To the extent that any statement that we make in this prospectus supplement is inconsistent with the statements made in the accompanying prospectus or in any document incorporated by reference that was filed with the Securities and Exchange Commission, or the SEC, before the date of this prospectus supplement, the statements made in the accompanying prospectus, or such an earlier filing, as applicable, are deemed modified or superseded by the statements made in this prospectus supplement.

In various places in this prospectus supplement and the accompanying prospectus, we refer you to other sections of such documents for additional information by indicating the caption heading of such other sections. The page on which each principal caption included in this prospectus supplement and the accompanying prospectus can be found is listed in the table of contents above. All such cross references in this prospectus supplement are to captions contained in this prospectus supplement and not in the accompanying prospectus, unless otherwise stated.

Unless we have indicated otherwise, all information in this prospectus supplement assumes that the underwriters do not exercise their option to purchase additional shares from us to cover any over allotments.

In this prospectus supplement, unless the context indicates otherwise, references to "Great Ajax," "we," "the company," "our" and "us" refer to the activities of and the assets and liabilities of the business and operations of Great Ajax Corp. and references to "operating partnership" refers to Great Ajax Operating Partnership L.P., a Delaware limited partnership.

YOU SHOULD RELY ONLY ON THE INFORMATION CONTAINED OR INCORPORATED BY REFERENCE IN THIS PROSPECTUS SUPPLEMENT AND THE ACCOMPANYING PROSPECTUS. WE HAVE NOT, AND THE UNDERWRITERS HAVE NOT, AUTHORIZED ANY OTHER PERSON TO PROVIDE YOU WITH DIFFERENT OR ADDITIONAL INFORMATION. IF ANYONE PROVIDES YOU WITH DIFFERENT OR ADDITIONAL INFORMATION, YOU SHOULD NOT RELY ON IT. WE ARE NOT, AND THE UNDERWRITERS ARE NOT, MAKING AN OFFER TO SELL THESE SECURITIES IN ANY JURISDICTION WHERE THE OFFER OR SALE IS NOT PERMITTED. YOU SHOULD ASSUME THAT THE INFORMATION APPEARING IN THIS PROSPECTUS SUPPLEMENT, THE ACCOMPANYING PROSPECTUS AND ANY DOCUMENTS INCORPORATED BY REFERENCE HEREIN OR THEREIN IS ACCURATE ONLY AS OF THE RESPECTIVE DATES OF SUCH INFORMATION, REGARDLESS OF THE TIME OF DELIVERY OF THIS PROSPECTUS SUPPLEMENT AND THE ACCOMPANYING PROSPECTUS OR ANY SALES OF THE SHARES OF COMMON STOCK. OUR BUSINESS, FINANCIAL CONDITION, RESULTS OF OPERATIONS AND PROSPECTS MAY HAVE CHANGED SINCE THOSE DATES.

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CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

We make forward-looking statements in this prospectus supplement within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. For these statements, we claim the protections of the safe harbor for forward-looking statements contained in such sections. Forward-looking statements are subject to substantial risks and uncertainties, many of which are difficult to predict and are generally beyond our control. These forward-looking statements include information about possible or assumed future results of our business, financial condition, liquidity, results of operations, plans and objectives. When we use the words "believe," "expect," "anticipate," "estimate," "plan," "continue," "int "should," "may" or similar expressions, we intend to identify forward-looking statements. Statements regarding the following subjects, among others, may be forward-looking:

the use of proceeds from this offering;

- our ability to implement our business strategy;
- difficulties in identifying re-performing and non-performing loans and properties to acquire;
- the impact of changes to the supply of, value of and the returns on re-performing and non-performing loans;
- our ability to convert non-performing loans into performing loans, or to modify or otherwise resolve such loans;
- our ability to convert non-performing loans to properties that can generate attractive returns either through sale or rental:
- our ability to compete with our competitors;
- our ability to control our costs;
- the impact of changes in interest rates and the market value of the collateral underlying our re-performing and non-performing loan portfolios or of our other real estate assets;
- our ability to obtain financing arrangements on favorable terms, or at all;
- our ability to retain our engagement of Thetis Asset Management LLC, or our Manager;
- the failure of Gregory Funding LLC, or our Servicer, to perform its obligations under the servicing agreement;
- general volatility of the capital markets;

• the impact of adverse real estate, mortgage or housing markets and changes in the general economy;
• changes in our business strategy;
• our failure to qualify or maintain qualification as a REIT;
• our expectations regarding the time during which we will be an emerging growth company under the JOBS Act;
• our failure to maintain our exemption from registration under the Investment Company Act of 1940, as amended; and
• the impact of adverse legislative or regulatory tax changes.

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The forward-looking statements are based on our beliefs, assumptions and expectations of our future performance, taking into account all information currently available to us. Forward-looking statements are not predictions of future events. These beliefs, assumptions and expectations can change as a result of many events or factors, not all of which are known to us. Some of these factors are described in "Risk Factors" beginning on page S-7 of this prospectus supplement and page 3 of the accompanying prospectus, and set forth under the caption "Item 1A. Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2015 and in our other filings under the Exchange Act (which are incorporated by reference into this prospectus supplement). These and other risks, uncertainties and factors, including those described in the annual, quarterly and current reports that we file with the SEC could cause our actual results to differ materially from those included in any forward-looking statements we make. All forward-looking statements speak only as of the date they are made. New risks and uncertainties arise over time and it is not possible to predict those events or how they may affect us. Except as required by law, we are not obligated to, and we do not intend to, update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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PROSPECTUS SUMMARY

This summary description of us and our business highlights selected information about us contained elsewhere in this prospectus supplement or the accompanying prospectus or the documents incorporated by reference herein or therein. This summary does not contain all of the information about us that you should consider before buying securities in this offering. You should carefully read this entire prospectus supplement and the accompanying prospectus, including each of the documents incorporated herein and therein by reference, before making an investment decision. Our Company

We are a Maryland corporation that focuses primarily on acquiring, investing in and managing a portfolio of re-performing and non-performing mortgage loans secured by single-family residences and, to a lesser extent, single-family properties. We also invest in loans secured by multi-family residential and commercial mixed use retail/residential properties, as well as in the properties directly. The multi-family and commercial mixed-use properties generally will have loan values of up to approximately \$5 million. We refer to these as "smaller commercial properties."

Our primary strategy is to acquire, own and manage re-performing and non-performing mortgage loans. We seek to acquire loans at significant discounts to our estimates of the value of the underlying real estate and of the unpaid principal balance, or UPB, of the loan. Unlike other loan acquirers, who often rely on pooled estimates in analyzing and pricing portfolios, our Manager uses proprietary models and data developed by its affiliates to evaluate individual assets and to help determine cities, neighborhoods and properties that it believes will experience home price appreciation. These proprietary analytics have inputs for economic and demographic data that include changes in unemployment rates, median household incomes, housing starts, crime rates, education, electoral participation and other variables that we believe closely correlate to property values. The proprietary models predict probabilistic future cash flows for each loan we seek to acquire. Factors affecting our cash flow projections include resolution method, resolution timeline, foreclosure costs, rehabilitation costs and eviction costs. The database for these proprietary models contains foreclosure timelines on an individual county basis and, in some instances, also on an individual judge basis. We believe that these proprietary models permit us to acquire loans at prices we and our Manager believe represent a discount to UPB and current property values in non-auction purchases.

We generally intend to securitize our mortgage loans and retain subordinated securities from our securitizations. To a lesser extent, we also hold "real estate-owned" properties, or REO, acquired upon the foreclosure or other settlement of our owned non-performing loans, as well as through outright purchases, which principally consist of smaller commercial or residential properties. Our resolution methods are tailored to each loan, based on our Servicer's detailed analytics, and include, among others, loan modification, forbearance agreements, foreclosure, short sale and deed-in-lieu of foreclosure. In the event of foreclosure, our Manager determines, in part based on the information obtained from our Servicer regarding historical experience, whether to seek to sell any REO asset, including offering mortgage financing to the purchaser, or, under limited circumstances, hold the REO as a rental property. We may conduct some of these activities through a taxable REIT subsidiary, or TRS. As part of our integrated approach, our Servicer focuses on understanding each borrower's situation and working closely with the borrower to determine the most appropriate resolution for both parties. We believe that purchasing re-performing and non-performing mortgage loans at significant discounts to UPB and underlying property values, as well as working, through our Servicer, an affiliated entity, to support continuing or new payments by borrowers, will allow us to achieve our targeted returns. However, if actual results differ from our assumptions, particularly if the value of the underlying properties were to decrease significantly, we may not achieve our targeted returns.

We are externally managed by Thetis Asset Management LLC, an affiliated entity. We own a 19.8% interest in our Manager. Our mortgage loans and other real estate assets are serviced by Gregory Funding LLC, an affiliated entity. We conduct substantially all of our business through our operating partnership, Great Ajax Operating Partnership L.P., a Delaware limited partnership, and its subsidiaries. We, through a wholly owned subsidiary, are the general partner of our operating partnership. GA-TRS LLC, or Thetis TRS, is a wholly owned subsidiary of the operating partnership that owns the equity interest in our

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Manager. We elected to treat Thetis TRS as a TRS under the Code. In September 2014, we formed Great Ajax Funding LLC, a wholly owned subsidiary of our operating partnership, to act as the depositor of mortgage loans into securitization trusts and to hold the subordinated securities issued by such trusts and any additional trusts we may form for additional securitizations. In November 2014, we formed AJX Mortgage Trust I, a wholly owned subsidiary of our operating partnership, in connection with a repurchase agreement. On February 1, 2015, we formed GAJX Real Estate LLC, as a wholly owned subsidiary of the operating partnership, to own, maintain, improve and sell REO purchased by us. We have elected to treat GAJX Real Estate LLC as a TRS under the Code.

We have elected to be taxed as a REIT for U.S. federal income tax purposes beginning with our taxable year ended December 31, 2014. Our qualification as a REIT depends upon our ability to meet, on a continuing basis, various complex requirements under the Code relating to, among other things, the sources of our gross income, the composition and values of our assets, our distribution levels and the diversity of ownership of our capital stock. We believe that we are organized in conformity with the requirements for qualification as a REIT under the Code and that our current intended manner of operation enables us to meet the requirements for taxation as a REIT for U.S. federal income tax purposes.

Our principal offices are located at 9400 SW Beaverton-Hillsdale Hwy, Suite 131, Beaverton, OR 97005. Our telephone number is 503-505-5670. Our web address is www.great-ajax.com. The information on our website does not constitute a part of this prospectus supplement.

Recent Developments

During April 2016, we acquired 123 re-performing mortgage loans with an aggregate UPB of \$32.1 million and an estimated market value of the underlying properties of \$31.6 million for a total purchase price of \$22.1 million in six transactions.

During May 2016, we acquired 87 re-performing mortgage loans with an aggregate UPB of \$27.4 million and an estimated market value of the underlying properties of \$33.7 million for a total purchase price of \$22.1 million in two transactions.

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THE OFFERING

Issuer

Great Ajax Corp.

Common stock offered by us

shares

Common stock to be outstanding after this offering(1)

shares

Use of proceeds

The net proceeds from this offering (without exercise of the over-allotment option and before deducting estimated expenses payable by us of approximately \$\)) will be \$\.

We will contribute all of the net proceeds to us of this offering to our operating partnership to acquire additional mortgage loans and mortgage-related assets consistent with our investment strategy and for general corporate purposes. During June 2016, we expect to acquire approximately 84 re-performing mortgage loans with an aggregate UPB of approximately \$18.9 million and an estimated market value of the underlying properties of approximately \$29.0 million for a total purchase price of approximately \$15.2 million in nine transactions. Additionally, during July 2016, we expect to acquire approximately 901 re-performing mortgage loans with an aggregate UPB of approximately \$157.2 million and an estimated market value of the underlying properties of approximately \$217.4 million for a total purchase price of approximately \$130.0 million in two transactions. There can be no assurance that we will be able to purchase any or all of these mortgage loans or the terms of any such mortgage loans that we are able to acquire will not change. See "Use of Proceeds" in this prospectus supplement for more information.

Restrictions on ownership and transfer

To assist us in complying with the limitations on the concentration of ownership of a REIT imposed by the Code, our charter contains ownership and transfer restrictions relating to our stock. See "Restrictions on Ownership and Transfer" in the accompanying prospectus for additional information about these restrictions.

Risk factors

Investing in our common stock involves a high degree of risk and the purchasers of our common stock may lose their entire investment. See "Risk Factors" on page S-7 and the other information included and incorporated by reference in this prospectus supplement and the accompanying prospectus for a discussion of risk factors you should carefully consider before deciding to invest in our common stock.

New York Stock Exchange symbol "AJX"

(1)

The number of shares of common stock to be outstanding after this offering is based on 15,335,096 shares outstanding immediately prior to this offering and excludes (i) an aggregate of 92,000 shares of common stock reserved for issuance under our 2014 Director Equity Plan and our 2016 Equity Incentive Plan and (ii) shares of common stock that the underwriters have an option to purchase pursuant to their over-allotment option.

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RISK FACTORS

In addition to other information contained in this prospectus supplement and the accompanying prospectus, you should carefully consider the risks described below and in the documents incorporated by reference in this prospectus supplement and the accompanying prospectus, including (i) in our Annual Report on Form 10-K for the year ended December 31, 2015, (ii) our Quarterly Report on Form 10-Q for the quarter ended March 31, 2016 and (iii) documents filed by us with the SEC after the date of this prospectus supplement and which are deemed incorporated by reference in this prospectus supplement and the accompanying prospectus, before making an investment decision. These risks are not the only ones facing us. Additional risks not presently known to us or that we currently deem immaterial may also impair our business operations. Our business, financial condition and results of operations could be materially adversely affected by the materialization of any of these risks. The trading price of our common stock could decline due to the materialization of any of these risks, and you may lose all or part of your investment.

Risks Related to This Offering

The market price and trading volume of our common stock may vary substantially.

The stock markets, including the New York Stock Exchange, on which our common stock is listed, historically have experienced significant price and volume fluctuations. As a result, the market price of our common stock is likely to be similarly volatile, and investors in our common stock may experience a decrease in the value of their shares, including decreases unrelated to our operating performance or prospects. The price of our common stock could be subject to wide fluctuations in response to a number of factors, including those listed in this "Risk Factors" section of this prospectus supplement and others such as:

- our operating performance and the performance of other similar companies;
- actual or anticipated changes in our business strategy or prospects;
- actual or anticipated variations in our quarterly operating results or dividends;
- publication of research reports about us or the mortgage industry;
- equity issuances by us, or stock resales by our stockholders or the perception that such issuances or resales could occur;
- the passage of legislation or other regulatory developments that adversely affect us or the assets in which we seek to invest;
- changes in market valuations of similar companies;
- additions to or departures of our Manager's or its affiliates' key personnel;
- actions by our stockholders;
- adverse market reaction to any increased indebtedness we may incur in the future;

- changes in accounting principles;
- speculation in the press or investment community;
- the realization of any of the other risk factors presented in this prospectus supplement or the accompanying prospectus; and
- general market and economic conditions.

In the past, securities class action litigation has often been instituted against companies following periods of volatility in the price of their common stock. This type of litigation could result in substantial costs and divert our Manager's attention and resources, which could have a material adverse effect on our cash flows, our ability to execute our business strategy and our ability to make distributions to our stockholders.

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Common stock eligible for future sale may have adverse effects on our share price.

We are offering shares of our common stock, as described in this prospectus supplement. Sales of substantial amounts of our common stock into the public market, through this offering or otherwise, or the perception that such sales could occur, may adversely affect the market price of our common stock. Immediately prior to this offering, we had 15,335,096 shares of our common stock issued and outstanding.

In addition, we may issue additional shares in subsequent public offerings or private placements to make new investments or for other purposes. We are not required to offer any such shares to existing stockholders on a preemptive basis. Therefore, it may not be possible for existing stockholders to participate in such future share issuances, which may dilute the existing stockholders' interests in us.

Future offerings of debt or preferred equity securities, which could rank senior to our common stock, may adversely affect the market price of our common stock.

If we decide to issue debt or preferred equity securities in the future, which could rank senior to our common stock, it is likely that they will be governed by an indenture or other instrument containing covenants restricting our operating flexibility. Additionally, any additional convertible or exchangeable securities that we issue in the future may have rights, preferences and privileges more favorable than those of our common stock and may result in dilution to owners of our common stock. We and, indirectly, our stockholders, will bear the cost of issuing and servicing such securities. Because our decision to issue additional debt or preferred equity securities in any future offering will depend on market conditions and other factors beyond our control, we cannot predict or estimate the amount, timing or nature of our future offerings. Thus holders of our common stock will bear the risk of our future offerings reducing the market price of our common stock and diluting the value of their stock holdings in us.

Investing in our common stock may involve a high degree of risk.

The investments that we make in accordance with our investment objectives may result in a high amount of risk when compared to alternative investment options and volatility or loss of principal. Our investments may be highly speculative and aggressive, and therefore an investment in our common stock may not be suitable for someone with lower risk tolerance.

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USE OF PROCEEDS

The net proceeds from this offering will be approximately \$\\$ million (or approximately \$\\$ million if the underwriters option to purchase additional shares is exercised in full) after deducting the underwriting discount and our estimated offering expenses.

We will contribute all of the net proceeds to us of this offering to our operating partnership to acquire additional mortgage loans and mortgage-related assets consistent with our investment strategy and for general corporate purposes. During June 2016, we expect to acquire approximately 84 re-performing mortgage loans with an aggregate UPB of approximately \$18.9 million and an estimated market value of the underlying properties of approximately \$29.0 million for a total purchase price of approximately \$15.2 million in nine transactions. Additionally, during July 2016, we expect to acquire approximately 901 re-performing mortgage loans with an aggregate UPB of approximately \$157.2 million and an estimated market value of the underlying properties of approximately \$217.4 million for a total purchase price of approximately \$130.0 million in two transactions. There can be no assurance that we will be able to purchase any or all of these mortgage loans or the terms of any such mortgage loans that we are able to acquire will not change. Until appropriate assets can be identified, our Manager may invest the net proceeds of this offering in interest-bearing short-term investments, including money market accounts, that are consistent with our intention to qualify as a REIT. These investments are expected to provide a lower net return than we will seek to achieve from our target assets.

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UNDERWRITING

Subject to the terms and conditions set forth in an underwriting agreement between us, our Manager, our operating partnership and Piper Jaffray & Co., as representative of the underwriters named below, we have agreed to sell to the underwriters and the underwriters have agreed to purchase, acting severally and not jointly, from us, the respective number of shares of our common stock set forth opposite their names in the table below.

Number

Underwriter of

Shares

Piper Jaffray & Co.

FBR Capital Markets & Co.

Total

Subject to the terms and conditions set forth in the underwriting agreement, the underwriters have agreed to purchase all of the shares sold under the underwriting agreement if any of these shares are purchased.

We have agreed to indemnify the underwriters against certain liabilities, including liabilities under the Securities Act, or to contribute to payments the underwriters may be required to make in respect of those liabilities. In addition, we have agreed to reimburse Piper Jaffray & Co. for certain out-of-pocket expenses incurred by it in connection with this offering up to \$150,000.

The underwriters are offering the shares, subject to prior sale, when, as and if issued to and accepted by them, subject to approval of legal matters by their counsel, including the validity of the shares, and other conditions contained in the underwriting agreement, such as the receipt by the underwriters of officer's certificates and legal opinions. The underwriters reserve the right to withdraw, cancel or modify offers to the public and to reject orders in whole or in part.

Commissions and Discounts

The underwriters are purchasing the shares of common stock from us at \$ per share (representing approximately \$ aggregate proceeds to us, before we deduct our out-of-pocket expenses of approximately \$, or approximately \$ aggregate proceeds if the underwriters' option to purchase additional shares described below is exercised in full). The underwriters propose to offer the shares of common stock directly to the public at the public offering price set forth on the cover page of this prospectus supplement, and at this price less a concession not in excess of \$ per share of common stock to other dealers. After this offering, the offering price, concessions, and other selling terms may be changed by the underwriters. Our common stock is offered subject to receipt and acceptance by the underwriters and to the other conditions, including the right to reject orders in whole or in part.

In compliance with the guidelines of the Financial Industry Regulatory Authority, Inc., the maximum discount or commission to be received by any FINRA member or independent broker-dealer may not exceed 8% of the aggregate offering price of the shares offered hereby.

Option to Purchase Additional Shares

We have granted an option to the underwriters, exercisable for 30 days after the date of this prospectus supplement, subject to the conditions contained in the underwriting agreement, to purchase up to an additional shares at the price per share set forth on the cover page of this prospectus supplement.

No Sales of Similar Securities

We, our executive officers and directors have agreed not to sell or transfer any common stock or securities convertible into, exchangeable for, exercisable for, or repayable with common stock, for 90 days after the date of this prospectus supplement with respect to common stock, without first obtaining the S-10

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written consent of Piper Jaffray & Co. Specifically, we and these other persons have agreed, with certain limited exceptions, not to directly or indirectly:

- offer, pledge, sell or contract to sell any common stock,
- sell any option or contract to purchase any common stock,
- purchase any option or contract to sell any common stock,
- grant any option, right or warrant for the sale of any common stock,
- lend or otherwise dispose of or transfer any common stock,
- request or demand that we file a registration statement related to the common stock, or
- enter into any swap or other agreement that transfers, in whole or in part, the economic consequence of ownership of any common stock whether any such swap or transaction is to be settled by delivery of shares or other securities, in cash or otherwise.

This lock-up provision applies to common stock and to securities convertible into or exchangeable or exercisable for or repayable with common stock. It also applies to common stock owned now or acquired later by the person executing the agreement or for which the person executing the agreement later acquires the power of disposition. New York Stock Exchange Listing

Our shares are listed on the New York Stock Exchange under the symbol "AJX."

Short Positions

In connection with this offering, the underwriters may purchase and sell our common stock in the open market. These transactions may include short sales and purchases on the open market to cover positions created by short sales. Short sales involve the sale by the underwriters of a greater number of shares than they are required to purchase in the offering. "Covered" short sales are sales made in an amount not greater than the underwriters' option to purchase additional shares described above. The underwriters may close out any covered short position by either exercising their option to purchase additional shares or purchasing shares in the open market. In determining the source of shares to close out the covered short position, the underwriters will consider, among other things, the price of shares available for purchase in the open market as compared to the price at which they may purchase shares through the option granted to them. "Naked" short sales are sales in excess of such option. The underwriters must close out any naked short position by purchasing shares in the open market. A naked short position is more likely to be created if the underwriters are concerned that there may be downward pressure on the price of our common stock in the open market after pricing that could adversely affect investors who purchase in this offering.

Similar to other purchase transactions, the underwriters' purchases to cover the syndicate short sales may have the effect of raising or maintaining the market price of our common stock or preventing or retarding a decline in the market price of our common stock. As a result, the price of our common stock may be higher than the price that might otherwise exist in the open market. The underwriters may conduct these transactions on the New York Stock Exchange, in the over-the-counter market or otherwise.

Neither we nor the underwriters make any representation or prediction as to the direction or magnitude of any effect that the transactions described above may have on the price of our common stock. In addition, neither we nor the

underwriters make any representation that the underwriters will engage in these transactions or that these transactions, once commenced, will not be discontinued without notice.

Electronic Distribution

In connection with the offering, the underwriters may distribute this prospectus supplement and the accompanying prospectus by electronic means, such as e-mail.

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Other Relationships

The underwriters and their affiliates have engaged in, and may in the future engage in, investment banking and other commercial dealings in the ordinary course of business with us or our affiliates. The underwriters have received, and may in the future receive, customary fees and commissions for these transactions.

In addition, in the ordinary course of their business activities, the underwriters and their affiliates may make or hold a broad array of investments and actively trade debt and equity securities (or related derivative securities) and financial instruments (including bank loans) for their own account and for the accounts of their customers. Such investments and securities activities may involve securities and/or instruments of ours or our affiliates. The underwriters and their affiliates may also make investment recommendations and/or publish or express independent research views in respect of such securities or financial instruments and may hold, or recommend to clients that they acquire, long and/or short positions in such securities and instruments.

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LEGAL MATTERS

Morrison & Foerster LLP, New York, New York will pass upon the validity of the issuance of our common stock offered by this prospectus supplement on behalf of us. Clifford Chance US LLP, New York, New York has represented the underwriters in connection with the offering.

EXPERTS

The consolidated financial statements and schedule of Great Ajax Corp. and subsidiaries as of December 31, 2015 and 2014, and for the year ended December 31, 2015 and for the period from January 30, 2014 (date of inception) through December 31, 2014, included in the Annual Report on Form 10-K of Great Ajax Corp. for the year ended December 31, 2015, have been incorporated by reference herein in reliance upon the report of Moss Adams LLP, independent registered public accounting firm, incorporated by reference herein and upon the authority of said firm as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We have filed a registration statement on Form S-3 with the SEC in connection with this offering. In addition, we file annual, quarterly, current reports, proxy statements and other information with the SEC. You may read and copy the registration statement and any other documents filed by us at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the Public Reference Room. Our SEC filings are also available to the public at the SEC's Internet site at http://www.sec.gov. Our reference to the SEC's Internet site is intended to be an inactive textual reference only.

This prospectus supplement and the accompanying prospectus do not contain all of the information included in the registration statement. If a reference is made in this prospectus supplement or the accompanying prospectus to any of our contracts or other documents filed or incorporated by reference as an exhibit to the registration statement, the reference may not be complete and you should refer to the filed copy of the contract or document.

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INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows us to "incorporate by reference" into this prospectus supplement the information we file with the SEC, which means that we can disclose important information to you by referring you to those documents. Information incorporated by reference is part of this prospectus supplement. Later information filed with the SEC will update and supersede this information.

This prospectus supplement incorporates by reference the documents listed below, all of which have been previously filed with the SEC:

- our Annual Report on Form 10-K for the year ended December 31, 2015 filed on March 29, 2016;
- our Quarterly Report on Form 10-Q for the quarter ended March 31, 2016 filed on May 16, 2016;
- our Definitive Proxy Statement filed with the SEC on April 28, 2016 (but only with respect to information required by Part III of our Annual Report on Form 10-K for the fiscal year ended December 31, 2015);
- our Current Reports on Form 8-K filed with the SEC on March 1, 2016 (except with respect to item 7.01 therein), May 3, 2016 (except with respect to item 7.01 therein) and June 7, 2016; and
- the description of our common stock contained in our Registration Statement on Form 8-A filed with the SEC on February 10, 2015.

We also incorporate by reference into this prospectus supplement additional documents that we may file with the SEC under Section 13(a), 13(c), 14 or 15(d) of the Exchange Act from the date of this prospectus supplement until we have sold all of the securities to which this prospectus supplement relates or the offering is otherwise terminated. These documents may include, among others, Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K, as well as proxy statements. We are not, however, incorporating any information furnished under Item 7.01 of any Current Report on Form 8-K.

You may obtain copies of any of these filings by contacting us as described below, or through contacting the SEC or accessing its website as described above. Documents incorporated by reference are available without charge, excluding all exhibits unless an exhibit has been specifically incorporated by reference into those documents, by requesting them in writing, by telephone or via the Internet at:

Irving Potter Great Ajax Corp. 9400 SW Beaverton-Hillsdale Hwy, Suite 131 Beaverton, Oregon 97005 503-505-5670 S-14