

Edgewood, New York 11717

(Address of Principal Executive Offices) (Zip Code)

CPI AEROSTRUCTURES, INC. 2016 LONG-TERM INCENTIVE PLAN

(Full title of the plan)

Douglas McCrosson

Chief Executive Officer

CPI Aerostructures, Inc.

91 Heartland Boulevard

Edgewood, New York 11717

(Name and address of agent for service)

(631) 586-5200

(Telephone number, including area code, of agent for service)

with a copy to:

Paul Lucido, Esq.

Graubard Miller

The Chrysler Building

405 Lexington Avenue, 11th floor

New York, NY 10174

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer", "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer

Smaller reporting company

(Do not check if a smaller reporting company)

CALCULATION OF REGISTRATION FEE

Title of securities to be registered	Amount to be registered (1)	Proposed	Proposed	Amount of registration fee
		maximum offering price per share	maximum aggregate offering price	
Common Stock, par value \$.001 per share, reserved for future grants under the Plan (as defined below)	600,000	\$6.55 (2)	\$3,930,000	\$395.75

Pursuant to Rule 416 promulgated under the Securities Act of 1933, as amended (the "Act"), this registration statement also covers such additional securities that may be offered pursuant to the terms of the CPI (1) Aerostructures, Inc. 2016 Long-Term Incentive Plan ("Plan") as a result of one or more adjustments under the Plan to prevent dilution resulting from one or more stock splits, stock dividends or similar transactions.

Pursuant to Rule 457(c) and 457(h) promulgated under the Act, the proposed maximum offering price per share for (2) the shares reserved for issuance under the Plan was calculated on the basis of the average of the high and low prices of our common stock as reported on the NYSE MKT on July 29, 2016.

In accordance with the provisions of Rule 462 promulgated under the Securities Act of 1933, as amended, the Registration Statement will become effective upon filing with the Securities and Exchange Commission.

PART I
INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

Item 1. Plan Information.*

Item 2. Registrant Information and Employee Plan Annual Information.*

The information required by this Part I is omitted from this Registration Statement in accordance with rules and regulations under the Securities Act of 1933, as amended (“Securities Act of 1933”), and the Note to Part I of Form *S-8. The documents containing the information specified in this Part I will be sent or given to employees, officers, directors or others as specified by Rule 428(b)(1) under the Securities Act of 1933. Such documents and the documents incorporated by reference herein pursuant to Item 3 of Part II of this registration statement, taken together, constitute a prospectus that meets the requirements of Section 10(a) of the Securities Act of 1933.

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PART II
INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

The following documents that we have previously filed with the SEC are incorporated by reference in this registration statement (excluding any reports or portions thereof that are furnished under Item 2.02 or Item 7.01 and any exhibits included with such items):

Annual Report on Form 10-K for the year ended December 31, 2015 (filed on March 28, 2016, amended on April 29, 2016);

Quarterly Report on Form 10-Q filed on May 10, 2016;

Current Reports on Form 8-K dated March 24, 2016 (filed on March 28, 2016), May 9, 2016 (filed on May 10, 2016), May 10, 2016 (filed on May 10, 2016), May 26, 2016 (filed on May 26, 2016), June 1, 2016 (filed on June 3, 2016), June 28, 2016 (filed on June 30, 2016) and July 7, 2016 (filed on July 7, 2016);

Our Proxy Statement, dated May 19, 2016; and

The description of common stock contained in our Form 8-A (File No. 001-11398), filed pursuant to Section 12(b) of the Exchange Act, including any amendment(s) or report(s) filed for the purpose of updating such description.

All documents subsequently filed by us pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Securities Exchange Act of 1934, as amended ("Exchange Act"), prior to the filing of a post-effective amendment which indicates that all the securities offered have been sold or which deregisters all securities then remaining unsold (excluding any reports or portions thereof that are furnished under Item 2.02 or Item 7.01 of a Current Report on Form 8-K and any exhibits included with such items), will be deemed to be incorporated by reference in this registration statement and to be a part of this registration statement from the respective date of filing. Any statement contained in a document incorporated by reference in this registration statement will be modified or superseded for all purposes to the extent that a statement contained in this registration statement or in any other subsequently filed document which is incorporated by reference modifies or replaces the statement. Any such statement so modified or superseded shall not be deemed, except as so modified or amended, to constitute a part of this registration statement.

Item 4. Description of Securities.

Not applicable.

Item 5. Interests of Named Experts and Counsel.

Not applicable.

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Item 6. Indemnification of Directors and Officers.

Sections 721 through 726, inclusive, of the Business Corporation Law of New York (“BCL”) authorizes New York corporations to indemnify their officers and directors under certain circumstances against expenses and liabilities incurred in legal proceedings involving such persons because of their being or having been officers or directors and to purchase and maintain insurance for indemnification of such officers and directors. Section 402(b) of the BCL permits a corporation, by so providing in its certificate of incorporation, to eliminate or limit directors’ personal liability to the corporation or its shareholders for damages arising out of certain alleged breaches of their duties as directors. The BCL, however, provides that no such limitation of liability may affect a director’s liability with respect to any of the following: (1) acts or omissions made in bad faith or which involved intentional misconduct or a knowing violation of law; (2) any transaction from which the director derived a financial profit or other advantage to which he was not legally entitled; (3) the declaration of dividends or other distributions or purchase or redemption of shares in violation of the BCL; or (4) the distribution of assets to shareholders after dissolution of the corporation without paying or adequately providing for all known liabilities of the corporation or making loans to directors in violation of the BCL.

The Registrant’s Certificate of Incorporation, as amended, provides that the personal liability of the directors of the Registrant is eliminated to the fullest extent permitted by Section 402(b) of the BCL. In addition, the Amended and Restated By-laws of the Registrant provide in substance that each director and officer shall be indemnified by the Registrant against reasonable expenses, including attorney’s fees, and any liabilities that he or she may incur in connection with any action to which he or she may be made a party by reason of his or her being or having been a director or officer of the Registrant. The indemnification provided by the Registrant’s By-laws is not deemed exclusive of or in any way to limit any other rights which any person seeking indemnification may be entitled. The Registrant also has directors’ and officers’ liability insurance.

In addition, the Registrant has entered into Indemnification Agreements with each of its executive officers and directors which provide that the Registrant will indemnify and advance expenses to such officer or director to the fullest extent permitted by law and provides the procedure for entitlement of indemnification.

Item 7. Exemption from Registration Claimed.

Not applicable.

Item 8. Exhibits.

See the Exhibit Index, which is incorporated herein by reference.

Item 9. Undertakings.

(a)

The undersigned Registrant hereby undertakes:

- (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

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- (i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933; To reflect in the prospectus any facts or events arising after the effective date of the registration statement
 - (ii) (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement;
 - (iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement.
- Provided, however,* that paragraphs (A)(1)(i) and (A)(1)(ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in this registration statement.

That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective (2) amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (b)

The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 (and where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the Registration Statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(h)

Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing procedures, or otherwise, the Registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Edgewood, New York on this 1st day of August, 2016.

CPI AEROSTRUCTURES, INC.

By: /s/ Douglas McCrosson
Douglas McCrosson, Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Douglas McCrosson and Vincent Palazzolo, and each of them, with full power to act without the other, such person's true and lawful attorneys-in-fact and agents, with full power of substitution and re-substitution, for him and in his name, place and stead, in any and all capacities, to sign this registration statement, any and all amendments thereto (including post-effective amendments), and any amendments thereto and to file the same, with exhibits and schedules thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing necessary or desirable to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or any of them, or their or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signatures</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Eric Rosenfeld</u> Eric Rosenfeld	Chairman of the Board of Directors	August 1, 2016
<u>/s/ Douglas McCrosson</u>	Chief Executive Officer, President and Director (Principal Executive Officer)	August 1, 2016

Douglas McCrosson

<u>/s/ Vincent Palazzolo</u>	Chief Financial Officer and Secretary (Principal Financial Officer and Principal Accounting Officer)	August 1, 2016
Vincent Palazzolo		

<u>/s/ Walter Paulick</u>	Director	August 1, 2016
Walter Paulick		

<u>/s/ Kenneth McSweeney</u>	Director	August 1, 2016
Kenneth McSweeney		

<u>/s/ Harvey J. Bazaar</u>	Director	August 1, 2016
Harvey J. Bazaar		

<u>/s/ Michael Faber</u>	Director	August 1, 2016
Michael Faber		

<u>/s/ Terry Stinson</u>	Director	August 1, 2016
Terry Stinson		

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EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
4.1	2016 Long-Term Incentive Plan (incorporated by reference to Appendix A to the Registrant's Proxy Statement filed on May 19, 2016).
5.1	<u>Opinion of Graubard Miller (filed herewith).</u>
23.1	<u>Consent of CohnReznick LLP (filed herewith).</u>
23.2	Consent of Graubard Miller (included in Exhibit 5.1).
24.1	Power of Attorney (included on the signature page hereto).
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