

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 11-K

(Mark One)

ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended September 30, 2019

OR

TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission File Number: 1-5129

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

MOOG INC. EMPLOYEE STOCK PURCHASE PLAN

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

**MOOG INC.
EAST AURORA, NEW YORK 14052-0018**

MOOG INC. EMPLOYEE STOCK PURCHASE PLAN

FINANCIAL STATEMENTS

TABLE OF CONTENTS

Report of Independent Registered Public Accounting Firm	1
Financial Statements:	
Statements of Net Assets Available for Benefits	2
Statements of Changes in Net Assets Available for Benefits	3
Notes to Financial Statements	4-5
Signatures	6
Exhibit Index	7

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Plan Administrator of
Moog Inc. Employee Stock Purchase Plan

Opinion on the Financial Statements

We have audited the accompanying statements of net assets available for benefits of the Moog Inc. Employee Stock Purchase Plan (the "Plan") as of September 30, 2019 and 2018, the related statements of changes in net assets available for benefits for the years ended September 30, 2019 and 2018 and the period from inception (February 15, 2017) through September 30, 2017, and the related notes to the financial statements (collectively, the financial statements). In our opinion, the financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of September 30, 2019 and 2018, and the changes in net assets available for benefits for the years ended September 30, 2019 and 2018 and the period from inception (February 15, 2017) through September 30, 2017, in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on the Plan's financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Plan in accordance with U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

/s/ Freed Maxick CPAs, P.C.

We have served as the Plan's auditor since 2017.

Buffalo, New York
December 23, 2019

MOOG INC. EMPLOYEE STOCK PURCHASE PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

	September 30, 2019	September 30, 2018
Assets:		
Cash	\$ 1,727,751	\$ 1,340,079
Total assets	1,727,751	1,340,079
Liabilities:		
Payable to participants	1,727,751	1,340,079
Total liabilities	1,727,751	1,340,079
Net assets available for benefits	\$ —	\$ —

See accompanying Notes to Financial Statements.

MOOG INC. EMPLOYEE STOCK PURCHASE PLAN

STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

	Year Ended		The period from inception (February 15, 2017) through September 30, 2017
	September 30, 2019	September 30, 2018	
Additions:			
Employee contributions	\$ 5,655,727	\$ 4,487,404	\$ 365,251
Total additions	5,655,727	4,487,404	365,251
Deductions:			
Cost of shares purchased	5,268,055	3,512,576	—
Payable to participants	1,727,751	1,340,079	365,251
Prior year contributions used for current year share purchases	(1,340,079)	(365,251)	—
Total deductions	5,655,727	4,487,404	365,251
Net increase (decrease)	—	—	—
Net assets available for benefits at beginning of period	—	—	—
Net assets available for benefits at end of period	\$ —	\$ —	\$ —

See accompanying Notes to Financial Statements.

MOOG INC. EMPLOYEE STOCK PURCHASE PLAN

NOTES TO FINANCIAL STATEMENTS

1. Description of Plan

The following is a brief description of the Moog Inc. Employee Stock Purchase Plan (the "Plan") and is provided for general information purposes only. Participants should refer to the Plan Document and the Prospectus for complete information.

General

On February 15, 2017, Moog Inc.'s (the "Company's") shareholders approved the Moog Inc. Employee Stock Purchase Plan. The Plan is administered by the Executive Compensation Committee of the Board of Directors (the "Committee") and is intended to qualify as an employee stock purchase plan under Section 423 of the Internal Revenue Code of 1986, as amended, pursuant to which the Plan is not subject to taxation. The Plan is not subject to any provisions of the Employee Retirement Income Security Act of 1974, as amended, and is not qualified under Section 401 of the Internal Revenue Code of 1986, as amended.

Eligibility

An employee of a Moog Inc. entity, that provides services in the United States, is eligible to participate in the Plan if employed for at least 20 hours per week and more than five months in any calendar year or at the discretion of the Committee.

Employees owning shares representing 5% or more of the total combined voting power or value of all classes of Company stock are not permitted to purchase any shares of Company common stock under the Plan.

The initial offering period under the Plan began on September 1, 2017 and ended on December 31, 2017. After the the initial offering period, all subsequent offering periods will be a six-month period beginning on January 1st and July 1st of each year (the "Offering Period"). Each eligible employee may enroll in the Plan during the open enrollment period, which is typically the month prior to the start of an Offering Period.

Contributions

Plan participants may contribute from 1% to 15% of the participant's compensation, as defined in the Plan, through payroll deductions during the Offering Period. Participants may increase, decrease or suspend their withholding percentage during the enrollment period, effective for the next offering period. The Company holds contributions until the end of the Offering Period at which point the Company issues shares for the contributions received. In accordance with the Plan, the Company has no obligation to segregate employee payroll deductions from any other funds of the Company or to hold funds representing the same pending application of such amount to the purchase of shares at the end of each Offering Period.

Any contribution amount remaining after the purchase of whole shares of common stock at the end of an Offering Period is held in the participant's account for the share purchase in the following offering period.

Share Purchases

The Plan has reserved 2,000,000 shares of the Company's common stock for issuance. The Committee shall designate whether the participant may purchase shares in the form of Class A common stock or Class B common stock prior to the beginning of the Offering Period. The Plan has issued Class B common stock for all offering periods.

The Plan allows for qualified employees to purchase the Company's common stock at a discounted price. The maximum discounted purchase price of a share of the Company's common stock is 85% of the fair market value at the lower of the beginning or the end of the semi-annual Offering Period. The Plan purchases only whole shares of the Company's common stock. Additionally, participants are prohibited from purchases of shares with an aggregate fair market value in excess of \$25,000 in any one calendar year.

The maximum aggregate number of shares subject to the Plan is 2,000,000 shares. There were 79,928 shares of the Company's common stock purchased during the period ended September 30, 2019. There were 53,587 shares of the Company's common stock purchased during the period ended September 30, 2018. There were no shares of the Company's common stock purchased during the period ended September 30, 2017. Under the Plan, 1,866,485 shares remain reserved for future issue as of September 30, 2019.

Participant Withdrawals

Participants may choose to withdraw from the Plan by providing notice at least 30 business days prior to the last pay period of the Offering Period. Participants who terminate their employment with the Company are not eligible to continue participation in the Plan. Upon withdrawal, termination from employment or death, any contributions credited to the participant's account will be returned to the participant, by the Company. Refunds from participant withdrawals have not been significant.

Plan Administration

All expenses for Plan administration are paid by the Company and are not reflected in the accompanying financial statements.

2. Summary of Significant Accounting Policies

Basis of Accounting

The accompanying financial statements are prepared on the accrual basis of accounting.

Recent Accounting Pronouncements

As of September 30, 2019, there were no new pronouncements, interpretations or staff positions that had or were expected to have, including those not yet adopted, a significant impact on the financial statements of the Plan.

3. Plan Amendments and Termination

The Board of Directors or the Committee may amend, suspend or terminate the Plan at any time and for any reason. If outstanding offering periods are terminated prior to expiration, all amounts credited to participant accounts that have not been used to purchase shares of the Company's common stock, will be returned to the participants.

4. Plan Assets

The Plan's cash is maintained by the Company on behalf of the Plan.

SIGNATURE

The Plan. Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

MOOG INC. EMPLOYEE STOCK PURCHASE PLAN

Date: December 23, 2019

/s/ Paul Wilkinson

Paul Wilkinson

Plan Administrator

EXHIBIT INDEX

<u>Exhibit</u>	<u>Description</u>
23.1	Consent of Freed Maxick, CPAs, PC

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the Registration Statement (No. 333-218546) on Form S-8 of Moog Inc. of our report dated December 23, 2019 relating to our audit of the financial statements of Moog Inc. Employee Stock Purchase Plan, which appears in this Annual Report on Form 11-K of the Moog Inc. Employee Stock Purchase Plan for the year ended September 30, 2019.

/s/ FREED MAXICK, CPAs, PC
Buffalo, New York
December 23, 2019