

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 2021 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2021 or fiscal plan year beginning <u>10/01/2021</u> and ending <u>09/30/2022</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
B This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	☐
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here.	☐

Part II	Basic Plan Information—enter all requested information										
1a Name of plan <u>MOOG INC. EMPLOYEES' RETIREMENT PLAN</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>001</u></td> </tr> <tr> <td colspan="2">1c Effective date of plan <u>06/30/1959</u></td> </tr> <tr> <td colspan="2">2b Employer Identification Number (EIN) <u>16-0757636</u></td> </tr> <tr> <td colspan="2">2c Plan Sponsor's telephone number <u>716-652-2000</u></td> </tr> <tr> <td colspan="2">2d Business code (see instructions) <u>336410</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>001</u>	1c Effective date of plan <u>06/30/1959</u>		2b Employer Identification Number (EIN) <u>16-0757636</u>		2c Plan Sponsor's telephone number <u>716-652-2000</u>		2d Business code (see instructions) <u>336410</u>	
1b Three-digit plan number (PN) ▶	<u>001</u>										
1c Effective date of plan <u>06/30/1959</u>											
2b Employer Identification Number (EIN) <u>16-0757636</u>											
2c Plan Sponsor's telephone number <u>716-652-2000</u>											
2d Business code (see instructions) <u>336410</u>											
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>MOOG INC.</u> <u>SENECA STREET AT JAMISON ROAD</u> <u>EAST AURORA, NY 14052-0018</u>											

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	07/12/2023	KRISTINE KARNATH
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2021)
v. 210624

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN	
		3c Administrator's telephone number	
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN	
5 Total number of participants at the beginning of the plan year		5	2708
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).			
a(1) Total number of active participants at the beginning of the plan year.....		6a(1)	1845
a(2) Total number of active participants at the end of the plan year		6a(2)	1574
b Retired or separated participants receiving benefits.....		6b	460
c Other retired or separated participants entitled to future benefits		6c	613
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d	2647
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e	54
f Total. Add lines 6d and 6e		6f	2701
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g	
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested		6h	0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....		7	
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1A 3H			
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:			
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)			
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☒ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ <u>0</u> A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2021 Form M-1 annual report. If the plan was not required to file the 2021 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2021 This Form is Open to Public Inspection
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For calendar plan year 2021 or fiscal plan year beginning 10/01/2021 and ending 09/30/2022

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan <u>MOOG INC. EMPLOYEES' RETIREMENT PLAN</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>MOOG INC.</u>	D Employer Identification Number (EIN) <u>16-0757636</u>
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information
1 Enter the valuation date: Month <u>10</u> Day <u>01</u> Year <u>2021</u>	
2 Assets:	
a Market value	2a <u>640512678</u>
b Actuarial value	2b <u>611346016</u>
3 Funding target/participant count breakdown	
a For retired participants and beneficiaries receiving payment.....	(1) Number of participants <u>255</u> (2) Vested Funding Target <u>56363142</u> (3) Total Funding Target <u>56363142</u>
b For terminated vested participants.....	<u>608</u> <u>43716570</u> <u>43716570</u>
c For active participants	<u>1845</u> <u>274717073</u> <u>275505935</u>
d Total.....	<u>2708</u> <u>374796785</u> <u>375585647</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐	
a Funding target disregarding prescribed at-risk assumptions	4a
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.....	4b
5 Effective interest rate	5 <u>5.66</u> %
6 Target normal cost.....	
a Present value of current plan year accruals.....	6a <u>15497593</u>
b Expected plan-related expenses	6b <u>808000</u>
c Total (line 6a + line 6b)	6c <u>16305593</u>

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE		<u>06/30/2023</u> Date
<u>BENJAMIN W. GILDE</u> Signature of actuary		<u>23-08001</u> Most recent enrollment number
<u>AON CONSULTING, INC.</u> Type or print name of actuary		<u>617-482-3100</u> Telephone number (including area code)
<u>700 DISTRICT AVENUE</u> <u>BURLINGTON, MA 01803</u> Firm name		
<u>Address of the firm</u>		

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2021
v. 201209

Part II Beginning of Year Carryover and Prefunding Balances

	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	76522844	0
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)	76522844	0
10 Interest on line 9 using prior year's actual return of <u>4.68</u> %	3581269	0
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		0
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.50</u> %		0
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance		0
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	80104113	0

Part III Funding Percentages

14 Funding target attainment percentage	14	141.44 %
15 Adjusted funding target attainment percentage	15	127.41 %
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	158.55 %
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls**18** Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
Totals ▶			18(b)	0	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0

20 Quarterly contributions and liquidity shortfalls:

- a** Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No
- b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No
- c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost**21** Discount rate:**a** Segment rates:1st segment:
4.75 %2nd segment:
5.36 %3rd segment:
6.11 %☐ N/A, full yield curve used**b** Applicable month (enter code)**21b**

4

22 Weighted average retirement age**22**

65

23 Mortality table(s) (see instructions) ☐ Prescribed - combined☒ Prescribed - separate☐ Substitute**Part VI Miscellaneous Items****24** Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No**25** Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ☐ Yes ☒ No**26** Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No**27** If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.**27****Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years****28** Unpaid minimum required contributions for all prior years **28** 0**29** Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a) **29** 0**30** Remaining amount of unpaid minimum required contributions (line 28 minus line 29) **30** 0**Part VIII Minimum Required Contribution For Current Year****31** Target normal cost and excess assets (see instructions):**a** Target normal cost (line 6c) **31a** 16305593**b** Excess assets, if applicable, but not greater than line 31a **31b** 16305593**32** Amortization installments:**a** Net shortfall amortization installment Outstanding Balance 0 Installment 0**b** Waiver amortization installment 0 0**33** If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount **33****34** Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33) **34** 0**35** Balances elected for use to offset funding requirement Carryover balance 0 Prefunding balance 0 Total balance 0**36** Additional cash requirement (line 34 minus line 35) **36** 0**37** Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) **37** 0**38** Present value of excess contributions for current year (see instructions)**a** Total (excess, if any, of line 37 over line 36) **38a** 0**b** Portion included in line 38a attributable to use of prefunding and funding standard carryover balances **38b** 0**39** Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) **39** 0**40** Unpaid minimum required contributions for all years **40** 0**Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)****41** If an election was made to use PRA 2010 funding relief for this plan:**a** Schedule elected ☐ 2 plus 7 years ☐ 15 years**b** Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2021
		This Form is Open to Public Inspection.

For calendar plan year 2021 or fiscal plan year beginning 10/01/2021 and ending 09/30/2022		
A Name of plan MOOG INC. EMPLOYEES' RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 MOOG INC.	D Employer Identification Number (EIN) 16-0757636	

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
HFS
98-0404814

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

AON CONSULTING INC

22-2232264

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
11 50	ACTUARIAL	407621	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

THE VANGUARD GROUP

P.O. BOX 1110
VALLEY FORGE, PA 19482-1110

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50	INVESTMENT MANAGEMENT	248503	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

CAPITAL BANK AND TRUST COMPANY

P.O. BOX 6164
INDIANAPOLIS, IN 46206-6164

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50	INVESTMENT MANAGEMENT	238119	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

PARAMETRIC PORTFOLIO ASSOCIATES

1918 8TH AVENUE SUITE 3100
SEATTLE, WA 98101

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50	INVESTMENT MANAGEMENT	159863	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

M AND T BANK

16-0538020

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
21 50	TRUSTEE	129794	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

BLACKSTONE MANAGEMENT PARTNERS LLC

345 PARK AVENUE
NEW YORK, NY 10154

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51 50	INVESTMENT MANAGEMENT	15332	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
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(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2021 This Form is Open to Public Inspection
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For calendar plan year 2021 or fiscal plan year beginning 10/01/2021 and ending 09/30/2022		
A Name of plan MOOG INC. EMPLOYEES' RETIREMENT PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 MOOG INC.	D Employer Identification Number (EIN) 16-0757636	

Part I	Asset and Liability Statement
---------------	--------------------------------------

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions.....	1b(2)		
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	25274655	11745006
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)	23273693	16338308
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)		
(9) Value of interest in common/collective trusts.....	1c(9)	128941403	119469502
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	462874285	296888754
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other.....	1c(15)		

		(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:		
(1)	Employer securities.....	1d(1)	
(2)	Employer real property.....	1d(2)	
e	Buildings and other property used in plan operation	1e	
f	Total assets (add all amounts in lines 1a through 1e)	1f	640364036 444441570
Liabilities			
g	Benefit claims payable	1g	66806 99104
h	Operating payables	1h	
i	Acquisition indebtedness.....	1i	
j	Other liabilities.....	1j	
k	Total liabilities (add all amounts in lines 1g through 1j)	1k	66806 99104
Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	640297230 444342466

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

		(a) Amount	(b) Total
Income			
a	Contributions:		
(1)	Received or receivable in cash from: (A) Employers	2a(1)(A)	
	(B) Participants	2a(1)(B)	
	(C) Others (including rollovers).....	2a(1)(C)	
(2)	Noncash contributions.....	2a(2)	
(3)	Total contributions. Add lines 2a(1)(A), (B), (C), and line 2a(2)	2a(3)	0
b	Earnings on investments:		
(1)	Interest:		
	(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A)	53643
	(B) U.S. Government securities	2b(1)(B)	
	(C) Corporate debt instruments	2b(1)(C)	
	(D) Loans (other than to participants)	2b(1)(D)	
	(E) Participant loans.....	2b(1)(E)	
	(F) Other	2b(1)(F)	371621
	(G) Total interest. Add lines 2b(1)(A) through (F).....	2b(1)(G)	425264
(2)	Dividends: (A) Preferred stock.....	2b(2)(A)	
	(B) Common stock	2b(2)(B)	
	(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)	11588663
	(D) Total dividends. Add lines 2b(2)(A), (B), and (C)	2b(2)(D)	11588663
(3)	Rents	2b(3)	
(4)	Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	7498564
	(B) Aggregate carrying amount (see instructions).....	2b(4)(B)	49758247
	(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)	-42259683
(5)	Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	
	(B) Other	2b(5)(B)	-5972964
	(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)	-5972964

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		-38471901
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		-113089742
c Other income.....	2c		778197
d Total income. Add all income amounts in column (b) and enter total.....	2d		-187002166
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	7520478	
(2) To insurance carriers for the provision of benefits.....	2e(2)		
(3) Other.....	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		7520478
f Corrective distributions (see instructions).....	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)	537415	
(2) Contract administrator fees.....	2i(2)		
(3) Investment advisory and management fees.....	2i(3)	661817	
(4) Other.....	2i(4)	232888	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		1432120
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		8952598
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d.....	2k		-195954764
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan.....	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: FREED MAXICK CPA, PC

(2) EIN: 45-4051133

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.).....

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		10000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	X		
4j	X		
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
4k		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m			
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			
5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?..... ☐ Yes ☒ No If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.			
5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)			
5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)	
5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☒ Yes ☐ No ☐ Not determined If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 464894.			

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2021 This Form is Open to Public Inspection.
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For calendar plan year 2021 or fiscal plan year beginning 10/01/2021 and ending 09/30/2022

A Name of plan <u>MOOG INC. EMPLOYEES' RETIREMENT PLAN</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>MOOG INC.</u>	D Employer Identification Number (EIN) <u>16-0757636</u>

Part I	Distributions
---------------	----------------------

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	<u>0</u>
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>16-0538020</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	<u>5</u>

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
----------------	---

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes	☒ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.			
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes	☐ No	☒ N/A

Part III	Amendments
-----------------	-------------------

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☐ Increase	☐ Decrease	☐ Both	☒ No
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Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
----------------	---

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Schedule R (Form 5500) 2021
v. 201209

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

- 14** Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....

14a

b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....

14b

c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....

14c

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year.....

15a

b The corresponding number for the second preceding plan year

15b

- 16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year

16a

b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....

16b

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

- 18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐

- 19** If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:

Stock: 29.9 % Investment-Grade Debt: 70.1 % High-Yield Debt: 0.0 % Real Estate: 0.0 % Other: 0.0 %

b Provide the average duration of the combined investment-grade and high-yield debt:

☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☒ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?

☒ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

- 20 PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☒ No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation _____

**Financial Statements and Supplemental Schedules
Moog Inc. Employees' Retirement Plan
Years Ended September 30, 2022 and 2021
With Independent Auditor's Report**

MOOG INC. EMPLOYEES' RETIREMENT PLAN
FINANCIAL STATEMENTS AND SUPPLEMENTAL SCHEDULES
YEARS ENDED SEPTEMBER 30, 2022 and 2021

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INDEPENDENT AUDITOR'S REPORT

To the Plan Administrator and Plan Participants of
Moog Inc. Employees' Retirement Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2022 Financial Statements

We have performed an audit of the financial statements of Moog Inc. Employees' Retirement Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of September 30, 2022, and the related statement of changes in net assets available for benefits for the year then ended, and the related notes to the financial statements (2022 financial statements).

Management, having determined it is permissible in the circumstances, has elected to have the audit of the 2022 financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained a certification from a qualified institution as of and for the year ended September 30, 2022, stating that the certified investment information, as described in Note 6 to the financial statements, is complete and accurate.

Opinion on the 2022 Financial Statements

In our opinion, based on our audit and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the 2022 Financial Statements section:

- The amounts and disclosures in the accompanying 2022 financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP).
- The information in the accompanying 2022 financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion on the 2022 Financial Statements

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the 2022 Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion on the 2022 financial statements.

Responsibilities of Management for the 2022 Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with U.S. GAAP, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern within one year after the date that the financial statements are issued or available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the 2022 Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2022 Financial Statements section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the 2022 financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of U.S. GAAP.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with U.S. GAAP.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matters

2022 Supplemental Schedules Required by ERISA

The supplemental schedules of Schedule H, line 4i – Schedule of Assets (Held at End of Year) as of September 30, 2022, and Schedule H, line 4j – Schedule of Reportable Transactions for the year ended September 30, 2022, are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- The form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedules related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Auditor's Report on the 2021 Financial Statements

We were engaged to audit the 2021 financial statements of the Plan. As permitted by 29 CFR 2520.103-8 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA, the plan administrator instructed us not to perform and we did not perform any auditing procedures with respect to the information certified by a qualified institution. In our report dated July 12, 2022, we indicated that (a) because of the significance of the information that we did not audit, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion and accordingly, we did not express an opinion on the 2021 financial statements, and (b) the form and content of the information included in the 2021 financial statements other than that derived from the certified information were presented in compliance with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Freed Maxick CPAs, P.C.

Buffalo, New York
July 11, 2023

MOOG INC. EMPLOYEES' RETIREMENT PLAN

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

	September 30,	
	2022	2021
ASSETS		
Investments, at fair value	\$ 444,441,570	\$ 640,364,036
Total assets	444,441,570	640,364,036
LIABILITIES		
Accounts payable	99,104	66,806
Total liabilities	99,104	66,806
Net assets available for benefits	\$ 444,342,466	\$ 640,297,230

See accompanying Notes to Financial Statements.

MOOG INC. EMPLOYEES' RETIREMENT PLAN

STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

	Year Ended September 30,	
	2022	2021
ADDITIONS		
Investment income - interest and dividends	\$ 12,013,927	\$ 10,971,397
Net realized and unrealized appreciation in fair value of investments	—	14,003,611
Total additions	12,013,927	24,975,008
DEDUCTIONS		
Net realized and unrealized depreciation in fair value of investments	199,016,093	—
Pension benefit payments	7,520,478	2,899,192
Administrative expenses	1,432,120	1,697,018
Total deductions	207,968,691	4,596,210
Net increase (decrease)	(195,954,764)	20,378,798
Net assets available for benefits at beginning of year	640,297,230	619,918,432
Net assets available for benefits at end of year	\$ 444,342,466	\$ 640,297,230

See accompanying Notes to Financial Statements.

MOOG INC. EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

1. Description of Plan

The following brief description of the Moog Inc. ("the Company") Employees' Retirement Plan ("the Plan") is provided for general information purposes only. Participants should refer to the Summary Plan Description for more complete information.

General

The Plan is a noncontributory defined benefit pension plan covering substantially all domestic employees of the Company hired prior to January 1, 2008. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended ("ERISA"). The Administrative Committee is responsible for the oversight of the Plan, determines the appropriateness of the Plan's investment offerings and monitors investment performance.

The Plan is frozen to new participants. All new employees hired on or after January 1, 2008 are not eligible to participate in the Plan. All employees hired before January 1, 2008 elected either to remain in the Plan and continue to accrue benefits or elected to stop accruing future benefits in the Plan as of April 1, 2008. Employees who elected to stop accruing future benefits receive Company contributions to the Moog Inc. Retirement Savings Plan.

Plan Benefits

Participants are eligible for monthly benefit payments upon retirement at age 65 and the completion of five years of vesting service. Normal retirement benefits are equal to the sum of the following:

- Prior Service Pension - For credited service before October 1, 1990, 1.15% of the first \$20,000, plus 1.75% of any excess, of prior service compensation multiplied by years of prior service, but not less than the accrued benefit as of December 31, 1998. Prior service compensation is the base annual rate of compensation for the year ended December 31, 1989, plus overtime and shift differential, excluding any other compensation; provided however, profit sharing bonuses (and to the extent necessary, similar compensation) for participants who are not highly compensated employees as defined in Section 414(q) of the Internal Revenue Code ("the Code") shall be included in compensation to the extent necessary to satisfy the discrimination requirements under Section 414(s) of the Code.
- Future Service Pension - For each year of credited service after September 30, 1990, 1.15% of the first \$20,000, plus 1.75% of the amount over \$20,000. Future service compensation is the base compensation plus shift differential and overtime compensation received during the calendar year ending in the plan year.

The amount of annual compensation used in calculating pension benefits was limited to \$290,000 and \$285,000 for the plan years ended September 30, 2022 and 2021, respectively.

The Plan permits early retirement at a reduced benefit at age 55 with at least 15 years of vesting service.

MOOG INC. EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

2. Summary of Significant Accounting Policies

Basis of Presentation

The accompanying financial statements are prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America ("US GAAP").

Investment Valuation and Income Recognition

Investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Administrative Committee determines the Plan's investment policies utilizing information provided by Vanguard Institutional Advisory Services ("the Plan investment manager") and Manufacturers and Traders Trust Company ("the Trustee"). Refer to Note 4 for additional disclosures related to fair value.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net realized and unrealized appreciation and depreciation in fair value of investments includes the Plan's gains and losses on investments purchased and sold as well as held during the year.

Actuarial Present Value of Accumulated Plan Benefits

Accumulated plan benefits are those estimated future periodic payments, including lump-sum distributions that are attributable under the Plan's provisions to employee service rendered through the valuation date. Accumulated plan benefits include benefits expected to be paid to (a) retired or terminated employees or their beneficiaries, (b) beneficiaries of employees who have died and (c) present employees or their beneficiaries. The accumulated plan benefits for active employees are based on their compensation during their years of credited service. Benefits payable under all circumstances - retirement, death, disability and termination of employment - are included to the extent they are deemed attributable to employee service rendered to the valuation date. Refer to Note 7 for additional disclosures related to accumulated plan benefits.

Payment of Benefits

Benefit payments to participants are recorded when paid.

Administrative Expenses

Direct costs of administering the Plan are borne by the Plan.

Use of Estimates

The preparation of financial statements in accordance with US GAAP requires management to make estimates and assumptions that affect the reported amounts in the financial statements and accompanying notes. Actual results could differ from those estimates.

Subsequent Events

The Plan has evaluated subsequent events through July 11, 2023, the date the financial statements were issued, and made no significant changes to the financial statements as a result of the subsequent events evaluation.

3. Funding Policy

The Company intends to make contributions to the Plan sufficient to provide the Plan with assets with which to pay pension benefits to the Plan's participants.

The Plan has met the minimum funding requirements of ERISA in 2022 and 2021.

MOOG INC. EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

4. Fair Value

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Depending on the nature of the asset or liability, various techniques and assumptions can be used to estimate fair value. The definition of the fair value hierarchy is as follows:

Level 1 - Quoted prices in active markets for identical assets and liabilities.

Level 2 - Observable inputs other than quoted prices in active markets for similar assets and liabilities.

Level 3 - Inputs for which significant valuation assumptions are unobservable in a market and therefore value is based on the best available data, some of which is internally developed and considers risk premiums that a market participant would require.

A financial asset's classification within the hierarchy is determined based on the lowest level of input that is significant to the fair value measurement. The Plan's assessment of the significance of particular inputs to these fair value measurements requires judgment and considers factors specific to each asset or liability.

The Plan's assets are invested in shares of registered investment companies, money market funds, cash and cash equivalents (interest-bearing), collective investment trust, limited partnerships and futures contracts. Refer to Note 5 for additional disclosures related to futures contracts.

Following is a description of the valuation methodologies used for assets measured at fair value. The valuation methodologies used for pension plan assets measured at fair value have not changed between September 30, 2022 and September 30, 2021.

Shares of registered investment companies: Consists of both equity and fixed income mutual funds. Valued at quoted market prices that represent the net asset value ("NAV") of shares held by the plan at year end.

Money market funds: Institutional short-term investment vehicles valued daily.

Cash and cash equivalents (interest-bearing): Cash collateral for the initial margin requirements on futures contracts, which approximates fair value.

Collective investment trust: NAV of the fund is calculated daily by the investment manager.

Limited partnerships: Valued at NAV of units held. The NAV is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the fund less its liability. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different from the reported NAV.

The fair value of securities or other assets for which market quotations are not readily available or for which market quotations do not represent the value at the time of pricing (including certain illiquid securities) are determined in accordance with procedures established under the supervision and responsibility of the Trustee of that investment. Such procedures may include the use of independent pricing services or affiliated advisor pricing, which use prices based upon yields or prices of securities of comparable quality, coupon, maturity and type, indications as to values from dealers, operating data and general market conditions.

The preceding methods may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

MOOG INC. EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

4. Fair Value (continued)

The following tables present the fair values and classification of our financial assets measured on a recurring basis as of September 30, 2022 and 2021:

Assets at Fair Value as of September 30, 2022:				
	Level 1	Level 2	Level 3	Total
Investments at fair value:				
Shares of registered investment companies:				
Equity funds	\$ 116,597,780	\$ —	\$ —	\$ 116,597,780
Fixed income funds	180,290,974	—	—	180,290,974
Money market funds	—	5,955,006	—	5,955,006
Cash and cash equivalents (Interest-bearing)	—	5,790,000	—	5,790,000
Total investments in fair value hierarchy	296,888,754	11,745,006	—	308,633,760
Investments measured at NAV practical expedient ⁽¹⁾				135,807,810
Total investments at fair value	\$ 296,888,754	\$ 11,745,006	\$ —	\$ 444,441,570

Assets at Fair Value as of September 30, 2021:				
	Level 1	Level 2	Level 3	Total
Investments at fair value:				
Shares of registered investment companies:				
Equity funds	\$ 200,929,476	\$ —	\$ —	\$ 200,929,476
Fixed income funds	261,944,809	—	—	261,944,809
Money market funds	—	17,904,655	—	17,904,655
Cash and cash equivalents (Interest-bearing)	—	7,370,000	—	7,370,000
Total investments in fair value hierarchy	462,874,285	25,274,655	—	488,148,940
Investments measured at NAV practical expedient ⁽¹⁾				152,215,096
Total investments at fair value	\$ 462,874,285	\$ 25,274,655	\$ —	\$ 640,364,036

⁽¹⁾ Per adoption of ASU 2015-07, certain investments that are measured at fair value using the NAV per share (or its equivalent) practical expedient have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the statements of net assets available for benefits.

The following table summarizes investments measured at fair value based on NAV per share as of September 30, 2022 and 2021:

	Fair Value as of September 30,		Unfunded	Redemption	Redemption
	2022	2021	Commitments	Frequency	Notice Period
Collective investment trust	\$ 119,469,502	\$ 128,941,403	\$ —	Daily	5 days
Limited partnerships ⁽¹⁾	16,338,308	23,273,693	4,443,532	Varies	10-45 days
Total	\$ 135,807,810	\$ 152,215,096	\$ 4,443,532		

⁽¹⁾ Investments in limited partnerships held by the Plan invest primarily in emerging markets, equity and equity related securities. The strategy for the limited partnerships is to have exposure to certain markets or to securities that are judged to achieve superior earnings growth and/or judged undervalued relative to intrinsic value.

MOOG INC. EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

5. Derivative Instruments (Futures Contracts)

The Plan may enter into various derivative instruments, such as futures contracts, to enhance the interest rate hedging effectiveness of the investment portfolio. These futures contracts are agreements between two parties to buy or sell a security or financial interest at a specified price or yield on a future date and are standardized and exchange-traded. Upon entering into such a contract on behalf of the Plan, the Plan is required to pledge to the broker an amount of cash or securities equal to the minimum "initial margin" requirements of the exchange on which the contract is traded. The initial margin requirements for futures contracts are reflected as investments in the statements of net assets available for benefits. Pursuant to the contract, the Plan agrees to receive from or pay to the broker an amount of cash equal to the daily fluctuation in the value of the contract. Such receipts or payments are known as variation margin and are recorded on a daily basis as a realized gain or loss equal to the difference in the value of the contract between daily closing prices.

During 2022, the Plan entered into 5,672 futures contracts with a total notional amount of \$882,553,028. During 2021, the Plan entered into 7,295 futures contracts with a total notional amount of \$1,310,685,981.

In the tables below, futures contracts purchased refers to the underlying notional amount of the open futures contracts and does not represent an asset or liability of the Plan.

Open fixed income futures contracts related to the Plan were as follows:

	Number of Futures Contracts	Expiration	Futures Contracts Notional Amount
September 30, 2022	1,236	Various 2022	\$ 157,797,612
September 30, 2021	1,493	Various 2021	257,242,531

The Plan recognized the following realized and unrealized gains (losses) on fixed income futures contracts in the statements of changes in net assets available for benefits for the years ended September 30, 2022 and September 30, 2021:

	Realized Gains / (Losses)	Unrealized Gains / (Losses)
September 30, 2022	\$ (44,125,813)	\$ (2,975,993)
September 30, 2021	(8,325,340)	(9,255,656)

6. Financial Certification

Investment information disclosed in the accompanying financial statements and schedules, including the fair value of investments and net realized and unrealized appreciation and depreciation in fair value of investments, interest and dividends for the years ended September 30, 2022 and 2021, respectively, were obtained or derived from information supplied to the Plan administrator and certified as complete and accurate by the Trustee. The incorporation of this financial information in the accompanying financial statements is based solely on their certification and has not been audited by independent accountants. In addition, the Plan's Trustee has certified the unaudited financial data contained in the schedule of assets held for investment and reportable transactions at September 30, 2022.

MOOG INC. EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

7. Accumulated Plan Benefits

The actuarial present value of accumulated plan benefits, as computed by consulting actuaries from Aon Hewitt, is that amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for death, disability or retirement) between the valuation date and the expected date of payment.

The accumulated plan benefit information is determined by the Plan's actuary as of the beginning of the plan year. The accumulated plan benefit information as of the end of the previous plan year is as follows:

	September 30, 2021
Actuarial present value of accumulated plan benefits:	
Vested benefits:	
Participants currently receiving benefits	\$ 59,102,864
Participants with deferred benefits	48,477,124
Other participants	307,905,059
	415,485,047
Nonvested benefits	35,146
Total actuarial present value of accumulated plan benefits at end of year	\$ 415,520,193

The following is a summary of the changes in the actuarial present value for the year ended September 30, 2021:

	September 30, 2021
Actuarial present value of accumulated plan benefits at beginning of year	\$ 378,983,699
Increase (decrease) during the year attributable to:	
Benefits accumulated and losses	19,722,612
Interest accumulation	18,877,588
Benefits paid	(2,899,254)
Change in actuarial assumptions	835,548
Net increase	36,536,494
Actuarial present value of accumulated plan benefits at end of year	\$ 415,520,193

The Standard Unit Credit Actuarial Cost Method is used to calculate the present value of accumulated plan benefits. Significant assumptions underlying the actuarial computations for the accumulated plan benefit information as of October 1, 2021 include (a) rate of return on investments of 5.00%, net of investment expenses, (b) mortality rates based on published statistical data from the 2012 base rates from the PRI-2012 Private Retirement Plans Mortality study, amounts weighted employee and retiree mortality table with generational projections from 2012 using Scale MP-2021, (c) withdrawals based on published statistical data and (d) retirement between the ages of 55 and 70 or age on the valuation date if older. These actuarial assumptions are based on the presumption that the Plan will continue. Were the Plan to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

As of October 1, 2021, the changes in actuarial assumptions from the prior year were due to the change in the discount rate from 3.01% to 3.15% for the obligation, 2.56% to 2.66% for the interest cost and 3.10% to 3.26% for the service cost; increase in the weighted average salary scale from 3.29% to 3.53%, reflecting a change in the underlying inflation expectation from 2.00% to 2.25%; the mortality assumption projection scale was updated from the SOA Scale MP-2019 with projection beginning from 2012 to the SOA Scale MP-2020 with projection beginning from 2012. Had the valuation been performed as of September 30, 2021, there would be no material differences.

MOOG INC. EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

8. Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event the Plan terminates, the net assets of the Plan will be allocated, as prescribed by ERISA and its related regulations, generally to provide benefits in the order indicated:

- Annuity benefits that former employees or their beneficiaries have been receiving for at least three years, or that employees eligible to retire for that three-year period would have been receiving if they had retired with benefits in the normal form of annuity under the Plan. The priority amount is limited to the lowest benefit that was payable or would have been payable during those three years. The amount is further limited to the lowest benefit that would be payable under plan provisions in effect at any time during the five years preceding plan termination.
- Other vested benefits insured by the Pension Benefit Guaranty Corporation ("PBGC"), a U.S. Governmental agency up to the applicable limitations.
- All other vested benefits.
- All non-vested benefits.

Should the Plan terminate at some future time, its net assets generally will not be available on a pro rata basis to provide participants' benefits. Whether a particular participant's accumulated plan benefits will be paid depends on both the priority of those benefits and the level of benefits guaranteed by the PBGC at that time. Some benefits may be fully or partially provided for by the then-existing assets and the PBGC guarantee, while other benefits may not be provided for at all.

9. Income Tax Status

The Internal Revenue Service has determined and informed the Plan Sponsor by a letter dated January 30, 2018, that the Plan and related trust are designed in compliance with the applicable requirements of the Internal Revenue Code ("IRC"); therefore, the related trust is exempt from taxation. The Plan is required to operate in conformity with the IRC to maintain its qualification. The Plan administrator and the Plan's tax counsel believe that the Plan is being operated in compliance with the applicable requirements of the IRC and, therefore, believe that the Plan, as amended, is qualified and the related trust is tax-exempt. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

10. Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statements of net assets available for benefits.

Plan contributions are made and the actuarial present value of accumulated plan benefits are reported based on certain assumptions pertaining to interest rates, inflation rates and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimation and assumption processes, it is at least reasonably possible that changes in these estimates and assumptions in the near term could materially affect the amounts reported and disclosed in the financial statements.

11. Related-Party and Party-In-Interest Transactions

Plan investments include accounts with Wilmington Trust, a subsidiary of Manufacturers and Traders Trust Company, the Plan Trustee. These transactions qualify as party-in-interest transactions. Additionally, Plan investments include accounts with Vanguard Institutional Advisory Services, the Plan investment manager, and a subsidiary of The Vanguard Group, Inc. These transactions may also qualify as party-in-interest transactions.

MOOG INC. EMPLOYEES' RETIREMENT PLAN

EIN #16-0757636 Plan #001
Schedule H, Line 4i - Schedule of Assets
(Held at End of Year)
September 30, 2022

Identity of Issuer/Description	Cost	Current Value
Shares of Registered Investment Companies		
Vanguard Global Minimum Volatility Fund Admiral Shares*	\$ 17,131,430	\$ 17,504,676
Vanguard Total International Stock Index Fund Institutional Shares*	43,070,518	38,613,630
Vanguard Total Stock Market Index Fund Institutional Plus Shares*	47,762,893	60,479,474
Vanguard Long-Term Investment Grade Fund Admiral Shares*	146,521,770	112,357,351
Vanguard Long-Term Treasury Index Institutional Shares*	93,406,929	67,933,623
	347,893,540	296,888,754
Money Market Funds		
Wilmington U.S. Treasury Money Market Fund*	5,955,006	5,955,006
	5,955,006	5,955,006
Cash and Cash Equivalents (Interest-bearing)		
Goldman Sachs & Co.	5,790,000	5,790,000
	5,790,000	5,790,000
Collective Investment Trust		
Capital Group Long Duration Credit	158,000,000	119,469,502
	158,000,000	119,469,502
Limited Partnerships		
Blackstone Capital Partners VI	5,989,604	6,345,419
Blackstone Energy Partners LP	2,348,108	2,530,420
Private Equity Core Fund (QP) IV, LP	7,165,070	6,567,650
Vintage VI Manager LP	927,812	894,819
	16,430,594	16,338,308
Total investments	\$ 534,069,140	\$ 444,441,570

*Denotes a party-in-interest

This Schedule was prepared from information certified as complete and accurate by Manufacturers and Traders Trust Company.

MOOG INC. EMPLOYEES' RETIREMENT PLAN

EIN #16-0757636 Plan #001
Schedule H, Line 4j - Schedule of Reportable Transactions
For the Year Ended September 30, 2022

Identity of Party Involved	Description of Assets	Number of Purchases/Sales	Purchase Price	Selling Price	Average Cost of Assets	Current Value of Asset on Transaction Date	Net Gain/(Loss)
Category iii - A Series of Transactions in Excess of 5% of Plan Assets							
Vanguard Long-Term Investment Grade Fund Admiral Shares*	Registered Investment Co.	18	19,354,666	—	19,354,666	19,354,666	—
Vanguard Long-Term Investment Grade Fund Admiral Shares*	Registered Investment Co.	11	—	38,100,000	46,650,179	38,100,000	(8,550,179)
Wilmington U.S. Treasury Money Market Fund*	Money Market Fund	209	277,588,174	—	277,588,174	277,588,174	—
Wilmington U.S. Treasury Money Market Fund*	Money Market Fund	223	—	288,348,460	288,348,460	288,348,460	—

*Denotes a party-in-interest

This Schedule was prepared solely from information certified as complete and accurate by Manufacturers and Traders Trust Company.

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
EIN: 16-0757636 PN: 001

Schedule SB, line 26—Schedule of Active Participant Data as of October 1, 2021

**Schedule SB, Line 26—Schedule of Active Participant Data
As of October 1, 2021**

**Moog Inc.
Employees' Retirement Plan
Active Employees**

EIN: 16-0757636 PN: 001

Number of Participants and Average Compensation

Attained Age	Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25										
25-29										
30-34			3	3	2					
35-39				22 \$83,135	36 \$86,802	5				
40-44				22 \$87,807	76 \$100,890	34 \$76,377	7			
45-49			1	33 \$95,014	52 \$94,872	68 \$90,140	23 \$95,762	3		
50-54			1	31 \$96,341	64 \$102,465	86 \$113,200	36 \$104,634	25 \$88,569	7	
55-59				39 \$95,056	77 \$98,141	127 \$104,360	34 \$107,385	54 \$109,845	77 \$103,470	15
60-64				45 \$108,962	81 \$89,757	99 \$93,978	52 \$107,049	45 \$108,751	67 \$120,494	147 \$80,192
65-69			1	21 \$109,252	20 \$106,105	25 \$90,773	31 \$98,527	17	15	72 \$76,792
70+				6	3	7	8	3	6	11

N-1845

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
EIN: 16-0757636 PN: 001

Schedule SB, Part V—Statement of Actuarial Assumptions/Methods

In fiscal 2017, Flo-Tork, Inc. Defined Benefit Plan and Trust ("Flo-Tork") merged into the Employees' Retirement Plan. The assumptions, as applicable, for the ERP listed below are used for both plans, except where specified otherwise.

Interest Rates for Minimum Funding Purposes	Based on segment rates with a four-month lookback (as of June 2021), each adjusted as needed to fall within the 25-year average interest rate stabilization corridor under ARPA
1st Segment Rate	4.75%
2nd Segment Rate	5.36%
3rd Segment Rate	6.11%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a four-month lookback (as of June 2021), without regard to interest rate stabilization
1st Segment Rate	1.27%
2nd Segment Rate	2.77%
3rd Segment Rate	3.45%
Salary Increases	2.75% plus Merit Salary Scale (see Table 1)
Inflation	2.25% per year
Optional Payment Form Election Percentage	40% life annuity 25% joint and 50% survivor annuity 35% joint and 100% survivor annuity 100% life annuity for future deaths 100% lump sum for Flo-Tork
Optional Payment Form Conversion Interest Rate	6.00% Underlying funding interest rates for Flo-Tork
Optional Payment Form Conversion Mortality	50% male/50% female blend of the UP94 Mortality Tables projected to 2002 using scale AA Current IRC section 417(e) unisex mortality for Flo-Tork

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
EIN: 16-0757636 PN: 001

Retirement Age	See Table 2 Assumed Benefit Commencement Age for current and future vested deferred participants is age 65. Flo-Tork For actives, age 65 is the assumed retirement age. Current vested deferred benefits are assumed to commence at age 65. Future vested deferred benefits are assumed to commence immediately at termination.
Mortality Rates Healthy and Disabled	2021 static mortality table for annuitants and non-annuitants per §1.430(h)(3)-1(a)(3) and IRS Notice 2019-67
Withdrawal Rates	See Table 3 The Actuary's Pension Handbook, Table T-5 for Flo-Tork.
Disability Rates	None
Decrement Timing	Middle of year decrements, with 100% retirement occurring at beginning of year
Surviving Spouse Benefit	It is assumed that 80% of males and 80% of females have an eligible spouse, and that males are three years older than their spouses.
Valuation Compensation	2020 pensionable earnings rolled forward one year with the salary increase assumption
Benefit and Compensation Limits	Projected benefits and compensation are limited by the current IRC section 415 maximum benefit of \$230,000 and the 401(a)(17) compensation limit of \$290,000.

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
EIN: 16-0757636 PN: 001

Valuation of Plan Assets

Smoothed fair market value of assets over the current and prior two years, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value.

A characteristic of this method is that the expected distribution of the value of plan assets is skewed toward understatement relative to the corresponding market values for expected long-term rates of return in excess of the third segment rate under IRC section 430(h)(2)(C)(iii).

Expected Return on Assets

2019 Plan Year

4.50%

The applicable third segment rate limitation is 6.11%.

2020 Plan Year

5.00%

The applicable third segment rate limitation is 5.94%.

2021 Plan Year

5.00%

The applicable third segment rate limitation is 6.11%.

Trust Expenses Included in Target Normal Cost

\$575,000 plus anticipated PBGC premiums for 2021, rounded to the nearest \$1,000.

Actuarial Method

Standard unit credit cost method

Valuation Date

October 1, 2021

Schedule SB Attachment (Form 5500)—2021 Plan Year
 Moog Inc. Employees' Retirement Plan
 EIN: 16-0757636 PN: 001

Table 1

Salary Merit Increase Rates

Age	Rate	Age	Rate
15	2.50%	45	1.00%
16	2.50%	46	1.00%
17	2.50%	47	1.00%
18	2.50%	48	1.00%
19	2.50%	49	1.00%
20	2.50%	50	1.00%
21	2.50%	51	1.00%
22	2.50%	52	1.00%
23	2.50%	53	1.00%
24	2.50%	54	1.00%
25	2.50%	55	1.00%
26	2.50%	56	1.00%
27	2.50%	57	1.00%
28	2.50%	58	1.00%
29	2.50%	59	1.00%
30	2.50%	60+	0.25%
31	2.50%		
32	2.50%		
33	2.50%		
34	2.50%		
35	2.50%		
36	2.50%		
37	2.50%		
38	2.50%		
39	2.50%		
40	1.00%		
41	1.00%		
42	1.00%		
43	1.00%		
44	1.00%		

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
EIN: 16-0757636 PN: 001

Table 2

Retirement Rates

<u>Age</u>	<u>Rate</u>
55	2%
56	2%
57	2%
58	2%
59	2%
60	5%
61	5%
62	12%
63	15%
64	15%
65	35%
66	30%
67	20%
68	20%
69	20%
70	25%
71	100%

Schedule SB Attachment (Form 5500)—2021 Plan Year
 Moog Inc. Employees' Retirement Plan
 EIN: 16-0757636 PN: 001

Table 3

Withdrawal Rates

Age	Rate	Age	Rate
20	12.0%	50	2.0%
21	11.6%	51	2.0%
22	11.2%	52	2.0%
23	10.8%	53	2.2%
24	10.4%	54	2.4%
25	10.0%	55	2.6%
26	9.6%	56	2.8%
27	9.2%	57	3.0%
28	8.8%	58	3.6%
29	8.4%	59	4.2%
30	8.0%	60	4.8%
31	7.6%	61	5.4%
32	7.0%	62	6.0%
33	6.3%	63	6.6%
34	5.6%	64	7.2%
35	4.9%	65+	0.0%
36	4.2%		
37	3.5%		
38	3.2%		
39	2.9%		
40	2.6%		
41	2.3%		
42	2.0%		
43	2.0%		
44	2.0%		
45	2.0%		
46	2.0%		
47	2.0%		
48	2.0%		
49	2.0%		

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2021</div> This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2021 or fiscal plan year beginning <u>10/01/2021</u> and ending <u>09/30/2022</u>	

- A** This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- ☒ a single-employer plan ☐ a DFE (specify) _____
- B** This return/report is: ☐ the first return/report ☐ the final return/report
- ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
- C** If the plan is a collectively-bargained plan, check here. ☐
- D** Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ the DFVC program
- ☐ special extension (enter description) _____
- E** If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ☐

Part II	Basic Plan Information —enter all requested information					
1a Name of plan MOOG INC. EMPLOYEES' RETIREMENT PLAN		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;">001</td> </tr> <tr> <td colspan="2">1c Effective date of plan 06/30/1959</td> </tr> </table>	1b Three-digit plan number (PN) ▶	001	1c Effective date of plan 06/30/1959	
1b Three-digit plan number (PN) ▶	001					
1c Effective date of plan 06/30/1959						
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) MOOG INC. SENECA STREET AT JAMISON ROAD EAST AURORA NY 14052-0018		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2b Employer Identification Number (EIN) 16-0757636</td> </tr> <tr> <td>2c Plan Sponsor's telephone number 716-652-2000</td> </tr> <tr> <td>2d Business code (see instructions) 336410</td> </tr> </table>	2b Employer Identification Number (EIN) 16-0757636	2c Plan Sponsor's telephone number 716-652-2000	2d Business code (see instructions) 336410	
2b Employer Identification Number (EIN) 16-0757636						
2c Plan Sponsor's telephone number 716-652-2000						
2d Business code (see instructions) 336410						

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE		<u>7/12/23</u> Date	KRISTINE KARNATH Enter name of individual signing as plan administrator
SIGN HERE		Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE		Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2021)
v. 201209

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number <div style="background-color: #cccccc; height: 40px;"></div>
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 2,708
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year..... a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	<div style="background-color: #cccccc; height: 20px; margin-bottom: 5px;"></div> 6a(1) 1,845 6a(2) 1,574 6b 460 6c 613 6d 2,647 6e 54 6f 2,701 6g 6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....	7

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:
 1A 3H

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
---	---

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1) ☒ **R** (Retirement Plan Information)
- (2) ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) ☒ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- (1) ☒ **H** (Financial Information)
- (2) ☐ **I** (Financial Information – Small Plan)
- (3) ☐ **A** (Insurance Information)
- (4) ☒ **C** (Service Provider Information)
- (5) ☒ **D** (DFE/Participating Plan Information)
- (6) ☐ **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2021 Form M-1 annual report. If the plan was not required to file the 2021 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

Plan Name	Moog Inc. Employees' Retirement Plan
Plan Sponsor EIN	16-0757636
ERISA Plan No.	001
Plan Year End	9/30/2022

The required attachment noted below is included within the Accountant's Opinion attachment to the Form 5500 Schedule H, Part III, which consists of the entire Audit report issued by the Plan's Independent Qualified Public Accountant (IQPA).

Form/Schedule	Line Item	Description
5500 Schedule H	Line 4j	Schedule of Reportable Transactions

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</small>	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2021 This Form is Open to Public Inspection
For calendar plan year 2021 or fiscal plan year beginning <u>10/01/2021</u> and ending <u>09/30/2022</u>		

► **Round off amounts to nearest dollar.**
 ► **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan MOOG INC. EMPLOYEES' RETIREMENT PLAN	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">B Three-digit plan number (PN) ►</td> <td style="width:40%; text-align: center;">001</td> </tr> </table>	B Three-digit plan number (PN) ►	001
B Three-digit plan number (PN) ►	001		
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF MOOG INC.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>D Employer Identification Number (EIN) 16-0757636</td> </tr> </table>	D Employer Identification Number (EIN) 16-0757636	
D Employer Identification Number (EIN) 16-0757636			
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500			

Part I	Basic Information		
1	Enter the valuation date: Month <u>10</u> Day <u>01</u> Year <u>2021</u>		
2	Assets:		
	a Market value	2a	640,512,678
	b Actuarial value	2b	611,346,016
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment.....	255	56,363,142
	b For terminated vested participants.....	608	43,716,570
	c For active participants	1,845	274,717,073
	d Total.....	2,708	374,796,785
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐		
	a Funding target disregarding prescribed at-risk assumptions	4a	
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b	
5	Effective interest rate	5	5.66 %
6	Target normal cost		
	a Present value of current plan year accruals	6a	15,497,593
	b Expected plan-related expenses	6b	808,000
	c Total (line 6a + line 6b)	6c	16,305,593

Statement by Enrolled Actuary
 To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE	<div style="text-align: center;"> Signature of actuary </div>	<div style="text-align: center;"> <u>06/30/2023</u> Date <u>2308001</u> Most recent enrollment number <u>617-482-3100</u> Telephone number (including area code) </div>
<div style="text-align: center;"> <u>Benjamin W. Gilde</u> Type or print name of actuary <u>Aon Consulting, Inc.</u> Firm name <u>700 District Avenue</u> <u>Burlington MA 01803</u> Address of the firm </div>		

Part II Beginning of Year Carryover and Prefunding Balances

	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	76,522,844	0
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)	76,522,844	0
10 Interest on line 9 using prior year's actual return of <u>4.68%</u>	3,581,269	0
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		0
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.50%</u>		0
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance		0
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	80,104,113	0

Part III Funding Percentages

14 Funding target attainment percentage	14	141.44%
15 Adjusted funding target attainment percentage	15	127.41%
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	158.55%
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
Totals ▶			18(b)	0	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0

20 Quarterly contributions and liquidity shortfalls:

- a** Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No
- b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No
- c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 4.75 %	2nd segment: 5.36 %	3rd segment: 6.11 %	☐ N/A, full yield curve used
b Applicable month (enter code)				21b 4
22 Weighted average retirement age				22 65
23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute				

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.....	☒ Yes ☐ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.....	☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.....	☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....	27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):												
a Target normal cost (line 6c)	31a	16,305,593										
b Excess assets, if applicable, but not greater than line 31a	31b	16,305,593										
32 Amortization installments:	<table border="1"> <thead> <tr> <th></th> <th>Outstanding Balance</th> <th>Installment</th> </tr> </thead> <tbody> <tr> <td>a Net shortfall amortization installment</td> <td>0</td> <td>0</td> </tr> <tr> <td>b Waiver amortization installment</td> <td>0</td> <td>0</td> </tr> </tbody> </table>				Outstanding Balance	Installment	a Net shortfall amortization installment	0	0	b Waiver amortization installment	0	0
	Outstanding Balance	Installment										
a Net shortfall amortization installment	0	0										
b Waiver amortization installment	0	0										
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33											
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....	34	0										
		Carryover balance	Prefunding balance									
35 Balances elected for use to offset funding requirement		0	0									
36 Additional cash requirement (line 34 minus line 35)	36	0										
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	0										
38 Present value of excess contributions for current year (see instructions)												
a Total (excess, if any, of line 37 over line 36)	38a	0										
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0										
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0										
40 Unpaid minimum required contributions for all years	40	0										

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:
a Schedule elected
☐ 2 plus 7 years ☐ 15 years
b Eligible plan year(s) for which the election in line 41a was made
☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
EIN: 16-0757636 PN: 001

Schedule SB, line 22—Description of Weighted Average Retirement Age

The average retirement age shown in line 22 has been calculated by assuming the following retirement rates and no decrements other than retirement for this calculation. All retirements are assumed to occur at mid-year, except for the 100% retirement age.

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	2.00%	1.0000	1.11
56.5	2.00%	0.9800	1.11
57.5	2.00%	0.9604	1.10
58.5	2.00%	0.9412	1.10
59.5	2.00%	0.9224	1.10
60.5	5.00%	0.9039	2.73
61.5	5.00%	0.8587	2.64
62.5	12.00%	0.8158	6.12
63.5	15.00%	0.7179	6.84
64.5	15.00%	0.6102	5.90
65.5	35.00%	0.5187	11.89
66.5	30.00%	0.3371	6.73
67.5	20.00%	0.2360	3.19
68.5	20.00%	0.1888	2.59
69.5	20.00%	0.1510	2.10
70.5	25.00%	0.1208	2.13
71	100.00%	0.0906	6.43
Weighted Average			64.81

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
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Schedule SB, Part V—Statement of Actuarial Assumptions/Methods

In fiscal 2017, Flo-Tork, Inc. Defined Benefit Plan and Trust ("Flo-Tork") merged into the Employees' Retirement Plan. The assumptions, as applicable, for the ERP listed below are used for both plans, except where specified otherwise.

Interest Rates for Minimum Funding Purposes	Based on segment rates with a four-month lookback (as of June 2021), each adjusted as needed to fall within the 25-year average interest rate stabilization corridor under ARPA
1st Segment Rate	4.75%
2nd Segment Rate	5.36%
3rd Segment Rate	6.11%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a four-month lookback (as of June 2021), without regard to interest rate stabilization
1st Segment Rate	1.27%
2nd Segment Rate	2.77%
3rd Segment Rate	3.45%
Salary Increases	2.75% plus Merit Salary Scale (see Table 1)
Inflation	2.25% per year
Optional Payment Form Election Percentage	40% life annuity 25% joint and 50% survivor annuity 35% joint and 100% survivor annuity 100% life annuity for future deaths 100% lump sum for Flo-Tork
Optional Payment Form Conversion Interest Rate	6.00% Underlying funding interest rates for Flo-Tork
Optional Payment Form Conversion Mortality	50% male/50% female blend of the UP94 Mortality Tables projected to 2002 using scale AA Current IRC section 417(e) unisex mortality for Flo-Tork

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
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Retirement Age

See Table 2

Assumed Benefit Commencement Age for current and future vested deferred participants is age 65.

Flo-Tork

For actives, age 65 is the assumed retirement age.

Current vested deferred benefits are assumed to commence at age 65. Future vested deferred benefits are assumed to commence immediately at termination.

Mortality Rates

Healthy and Disabled

2021 static mortality table for annuitants and non-annuitants per §1.430(h)(3)-1(a)(3) and IRS Notice 2019-67

Withdrawal Rates

See Table 3

The Actuary's Pension Handbook, Table T-5 for Flo-Tork.

Disability Rates

None

Decrement Timing

Middle of year decrements, with 100% retirement occurring at beginning of year

Surviving Spouse Benefit

It is assumed that 80% of males and 80% of females have an eligible spouse, and that males are three years older than their spouses.

Valuation Compensation

2020 pensionable earnings rolled forward one year with the salary increase assumption

Benefit and Compensation Limits

Projected benefits and compensation are limited by the current IRC section 415 maximum benefit of \$230,000 and the 401(a)(17) compensation limit of \$290,000.

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Valuation of Plan Assets

Smoothed fair market value of assets over the current and prior two years, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value.

A characteristic of this method is that the expected distribution of the value of plan assets is skewed toward understatement relative to the corresponding market values for expected long-term rates of return in excess of the third segment rate under IRC section 430(h)(2)(C)(iii).

Expected Return on Assets

2019 Plan Year

4.50%

The applicable third segment rate limitation is 6.11%.

2020 Plan Year

5.00%

The applicable third segment rate limitation is 5.94%.

2021 Plan Year

5.00%

The applicable third segment rate limitation is 6.11%.

Trust Expenses Included in Target Normal Cost

\$575,000 plus anticipated PBGC premiums for 2021, rounded to the nearest \$1,000.

Actuarial Method

Standard unit credit cost method

Valuation Date

October 1, 2021

Schedule SB Attachment (Form 5500)—2021 Plan Year
 Moog Inc. Employees' Retirement Plan
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Table 1

Salary Merit Increase Rates

Age	Rate	Age	Rate
15	2.50%	45	1.00%
16	2.50%	46	1.00%
17	2.50%	47	1.00%
18	2.50%	48	1.00%
19	2.50%	49	1.00%
20	2.50%	50	1.00%
21	2.50%	51	1.00%
22	2.50%	52	1.00%
23	2.50%	53	1.00%
24	2.50%	54	1.00%
25	2.50%	55	1.00%
26	2.50%	56	1.00%
27	2.50%	57	1.00%
28	2.50%	58	1.00%
29	2.50%	59	1.00%
30	2.50%	60+	0.25%
31	2.50%		
32	2.50%		
33	2.50%		
34	2.50%		
35	2.50%		
36	2.50%		
37	2.50%		
38	2.50%		
39	2.50%		
40	1.00%		
41	1.00%		
42	1.00%		
43	1.00%		
44	1.00%		

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
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Table 2

Retirement Rates

<u>Age</u>	<u>Rate</u>
55	2%
56	2%
57	2%
58	2%
59	2%
60	5%
61	5%
62	12%
63	15%
64	15%
65	35%
66	30%
67	20%
68	20%
69	20%
70	25%
71	100%

Schedule SB Attachment (Form 5500)—2021 Plan Year
 Moog Inc. Employees' Retirement Plan
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Table 3

Withdrawal Rates

Age	Rate	Age	Rate
20	12.0%	50	2.0%
21	11.6%	51	2.0%
22	11.2%	52	2.0%
23	10.8%	53	2.2%
24	10.4%	54	2.4%
25	10.0%	55	2.6%
26	9.6%	56	2.8%
27	9.2%	57	3.0%
28	8.8%	58	3.6%
29	8.4%	59	4.2%
30	8.0%	60	4.8%
31	7.6%	61	5.4%
32	7.0%	62	6.0%
33	6.3%	63	6.6%
34	5.6%	64	7.2%
35	4.9%	65+	0.0%
36	4.2%		
37	3.5%		
38	3.2%		
39	2.9%		
40	2.6%		
41	2.3%		
42	2.0%		
43	2.0%		
44	2.0%		
45	2.0%		
46	2.0%		
47	2.0%		
48	2.0%		
49	2.0%		

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
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Schedule SB, Part V—Summary of Plan Provisions

Effective Date June 30, 1959

Plan amended and restated effective
November 15, 2016.

Plan Year The 12-month plan period beginning on October 1 and
ending on the following September 30.

Plan Status Effective January 1, 2008, the plan was closed to new
hires.

Effective April 1, 2008, the participants who elected to
receive a company non-matching contribution under the
Moog Retirement Savings Plan ceased accruing benefits
under this plan.

Effective December 1, 2016, the Flo-Tork, Inc. Defined
Benefit Plan & Trust was merged into the plan

Effective January 1, 2020, the participants who elected
to receive a company non-matching contribution under
the Moog Retirement Savings Plan+ ceased accruing
benefits under this plan

On September 16, 2020, the Company entered into an
agreement to transfer future benefit obligations for 3,058
retired participants to an insurer

Eligibility All employees hired before January 1, 2008 who did not
elect to receive Moog's non-matching contributions
under the Moog Retirement Savings Plan.

Participation First day of the month coincident with or next following
completion of one year of service with a minimum of
1,000 hours of service. Employees hired on or after
January 1, 2008 are not eligible to participate.

Employee Contributions None—Employer pays for full cost of the plan.

Service
Vesting Service Each participant shall receive one year of service for
each plan year in which the participant completes 1,000
hours of service.

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
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Credited Service	
Prior Service	Continuous service (completed months) from hire to September 30, 1990.
Future Service	Continuous service (completed months) subsequent to September 30, 1990.
Compensation	
Prior Service	Prior service compensation is the greater of the January 1, 1988 base rate of pay of the pay received in the calendar year ending December 31, 1989 plus any shift differential or overtime but excluding any other compensation.
Current	Compensation is base pay plus shift differential and overtime received in the calendar year ending in the plan year.
Accrued Benefit	<p>Amount of benefit: (a) + (b), subject to a minimum of (c):</p> <p>(a) For service prior to October 1, 1990: 1.15% of the first \$20,000 of the prior service compensation plus 1.75% of such compensation in excess of \$20,000, for each year of prior service, or if greater, the accrued benefit under the prior accrual formula as of September 30, 1990.</p> <p>(b) For service after September 30, 1990: 1.15% of compensation up to \$20,000 plus 1.75% of the excess, for each year until completion of 35 years of credited service (prior and future), plus 1.75% of all compensation in each year subsequent to completion of 35 years of credited service.</p> <p>(c) A participant with at least five years of service shall be entitled to a minimum annual benefit of \$2,400 per year, prorated for less than 15 years of credited service.</p>
Normal Retirement	
Eligibility	Age 65.
Benefit	The accrued benefit.

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
EIN: 16-0757636 PN: 001

Early Retirement
Eligibility

Age 55 with 15 years of credited service.

Benefit

The accrued benefit reduced 0.5% for each month benefit commencement precedes age 65. Benefit may not commence before age 55.

Late Retirement
Eligibility

Retirement after normal retirement age.

Benefit

The accrued benefit.

Deferred vested
Eligibility

The accrued benefit is nonforfeitable after five years of service.

Benefit

Accrued benefit payable at normal retirement date. A participant with 15 years of service may elect early commencement of benefits after age 55 on an actuarially reduced basis.

Disability
Eligibility

Total and permanent disability.

Benefit

Accrued benefit actuarially reduced for commencement prior to normal retirement.

Preretirement Death
Eligibility

A life annuity is payable to the surviving spouse of a member whose death occurs after becoming vested, but prior to retirement.

Benefit

The amount payable to the surviving spouse is 50% of the member's death benefit determined as if he separated from service on the date of death, survived to his earliest retirement date, elected the joint and 50% survivor option, and then died. If the member is younger than age 55 at death, the survivor benefit may commence as early as the date the member would have attained age 50, with benefit actuarially reduced further for earlier commencement.

Normal Form of Benefits
Unmarried Participants

Life annuity.

Married Participants

Qualified joint and 50% survivor annuity (can elect different optional form with spousal consent).

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
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Optional Forms	Joint and 100%, 75%, 66 $\frac{2}{3}$ %, 50% contingent annuitant; Social Security level option; Term certain and life.
Optional Form Conversion Interest	6.00%.
Mortality	UP94 Unisex Mortality Table projected to 2002 with scale AA.
Deferred Retirement	For members retiring after their normal retirement date, the age of the member and that of his beneficiary as of his normal retirement date will be utilized in the determination.

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
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Provisions Applicable to Flo-Tork Participants

Plan Status	<p>Ongoing benefit accruals are provided for union employees, and new union employees are eligible to participate in the plan once they satisfy the participation requirements. No employee hired on or after December 7, 2015 will enter the plan.</p> <p>Effective January 1, 2007, future accruals were eliminated for non-union employees.</p> <p>As of December 1, 2018, future accruals were eliminated for all participants.</p>
Eligibility	<p>Hourly employees of the company, including members of Local #15811AM. Non-union employees no longer accrue benefits as of January 1, 2007.</p>
Participation	<p>First day of the first calendar week following the calendar week in which the employee has completed two months of service and attained age 16.</p>
Employee Contributions	<p>None—Employer pays for full cost of the plan.</p>
Service	
Vesting Service	<p>One year of credit for each plan year with 1,000 or more hours of service.</p>
Credited Service	<p>One year of credit for each plan year with 1,000 or more hours of service. Non-union employees stopped accruing service as of January 1, 2007.</p>

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
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Accrued Benefit

A monthly lifetime pension payable at normal retirement date equal to the sum of each year's accrual according to the following schedule:

Plan Years Beginning December 1	Benefit Rate
1973	\$ 5.50
1974–1976	\$ 6.60
1977–1979	\$ 7.70
1980	\$ 8.50
1981–1985	\$ 9.50
1986	\$10.50
1987	\$11.00
1988	\$12.00
1989–1990	\$13.00
1991	\$14.00
1992	\$15.00
1993–1994	\$16.00
1995	\$17.00
1996	\$18.00
1997	\$19.00
1998	\$20.00
1999	\$21.00
2000	\$24.00
2001	\$25.00
2002–2003	\$26.00
2004	\$27.00
2005	\$29.00
2006	\$31.00
2007	\$33.00
2008	\$35.00
2009	\$37.00
2010	\$39.00
2011	\$41.00
2012–2013	\$42.00
2014	\$43.00
2015+	\$44.50

Normal Retirement
Eligibility

First of month coincident with or next following age 65.

Benefit

The accrued benefit.

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Moog Inc. Employees' Retirement Plan
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Early Retirement
Eligibility

Age 55 and five years of vesting service.

Benefit

Accrued benefit commencing at normal retirement date;
or present value of accrued benefit payable at early
retirement.

Late Retirement
Eligibility

Retirement after normal retirement age.

Benefit

The benefit accrued at date of retirement, subject to
actuarial increase after attainment of age 70½.

Active participants: The plan provides benefit suspension
notices to participants who work beyond normal
retirement; therefore, late retirement actuarial increases
only apply to participants who defer retirement beyond
age 70½.

Deferred vested
Eligibility

Five years of vesting service, or age 65 if earlier.

Benefit

Accrued benefit commencing at normal retirement date;
or present value of accrued benefit payable at
termination.

Disability
Eligibility

Totally and permanently disabled for six months.

Benefit

Present value of accrued normal retirement benefit.

Preretirement Death
Eligibility

Death while eligible for a vested benefit.

Benefit Before Normal Retirement

Actuarial equivalent of the accrued benefit determined as
of the date of death.

Benefit After Normal Retirement

Benefit payable per the form of payment election.

Normal Form of Benefits
Unmarried Participants

Life annuity.

Married Participants

Actuarially equivalent 50% joint and survivor.

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
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Optional Forms

Lump sum;

Installments over a period certain not exceeding life expectancy;

Other single/joint life annuity options; such annuity may not be in a form that provides payments beyond the life expectancy of the participant (or, if applicable, his designated beneficiary).

Actuarial Equivalence

For Non-Decreasing Life Annuities

Interest

5.50% preretirement interest; 5.00% postretirement interest.

Mortality

1971 Individual Annuity (Male) Mortality Table with a two-year set back.

For Lump Sum Payments

Interest

Internal Revenue Code section 417(e)(3) applicable interest rate for the second month preceding the beginning of the plan year.

Mortality

Applicable Mortality Table under Internal Revenue Code section 417(e)(3)(A)(ii).

Plan Changes Since the Prior Year

There have been no changes in the valuations since the prior year.

Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. The values on the signed Schedule SB will govern to the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB.

Under the American Rescue Plan Act of 2021 (ARPA), the stabilized interest rates for certain purposes will be adjusted once the ARPA stabilization is applied. By default, this stabilization would have applied starting with the 2020 plan year.

This Schedule SB reflects stabilized 2021 minimum funding interest rates that are adjusted for ARPA. Via this filing, Moog Inc. will irrevocably commit the Moog Inc. Employees' Retirement Plan to use those rates for the 2021 plan year.

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
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Schedule SB, line 24—Change in Actuarial Assumptions

The funding valuation reflects the following assumption change:

- A change in the inflation assumption from 2.00% to 2.25%.

This change was made to better reflect anticipated plan experience. This assumption change did not reduce the funding shortfall more than the threshold stated in the Internal Revenue Code Section 430(h)(5), as such approval of the Commissioner is not required.

Schedule SB Attachment (Form 5500)—2021 Plan Year
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Schedule SB, line 26—Schedule of Active Participant Data as of October 1, 2021

**Schedule SB, Line 26—Schedule of Active Participant Data
As of October 1, 2021**

**Moog Inc.
Employees' Retirement Plan
Active Employees**

EIN: 16-0757636 PN: 001

Number of Participants and Average Compensation

Attained Age	Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25										
25-29										
30-34			3	3	2					
35-39				22 \$83,135	36 \$86,802	5				
40-44				22 \$87,807	76 \$100,890	34 \$76,377	7			
45-49			1	33 \$95,014	52 \$94,872	68 \$90,140	23 \$95,762	3		
50-54			1	31 \$96,341	64 \$102,465	86 \$113,200	36 \$104,634	25 \$88,569	7	
55-59				39 \$95,056	77 \$98,141	127 \$104,360	34 \$107,385	54 \$109,845	77 \$103,470	15
60-64				45 \$108,962	81 \$89,757	99 \$93,978	52 \$107,049	45 \$108,751	67 \$120,494	147 \$80,192
65-69			1	21 \$109,252	20 \$106,105	25 \$90,773	31 \$98,527	17	15	72 \$76,792
70+				6	3	7	8	3	6	11

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Schedule SB Attachment (Form 5500)—2021 Plan Year
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Schedule SB, line 22—Description of Weighted Average Retirement Age

The average retirement age shown in line 22 has been calculated by assuming the following retirement rates and no decrements other than retirement for this calculation. All retirements are assumed to occur at mid-year, except for the 100% retirement age.

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55.5	2.00%	1.0000	1.11
56.5	2.00%	0.9800	1.11
57.5	2.00%	0.9604	1.10
58.5	2.00%	0.9412	1.10
59.5	2.00%	0.9224	1.10
60.5	5.00%	0.9039	2.73
61.5	5.00%	0.8587	2.64
62.5	12.00%	0.8158	6.12
63.5	15.00%	0.7179	6.84
64.5	15.00%	0.6102	5.90
65.5	35.00%	0.5187	11.89
66.5	30.00%	0.3371	6.73
67.5	20.00%	0.2360	3.19
68.5	20.00%	0.1888	2.59
69.5	20.00%	0.1510	2.10
70.5	25.00%	0.1208	2.13
71	100.00%	0.0906	6.43
Weighted Average			64.81

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
EIN: 16-0757636 PN: 001

Schedule SB, Part V—Summary of Plan Provisions

Effective Date	June 30, 1959
	Plan amended and restated effective November 15, 2016.
Plan Year	The 12-month plan period beginning on October 1 and ending on the following September 30.
Plan Status	<p>Effective January 1, 2008, the plan was closed to new hires.</p> <p>Effective April 1, 2008, the participants who elected to receive a company non-matching contribution under the Moog Retirement Savings Plan ceased accruing benefits under this plan.</p> <p>Effective December 1, 2016, the Flo-Tork, Inc. Defined Benefit Plan & Trust was merged into the plan</p> <p>Effective January 1, 2020, the participants who elected to receive a company non-matching contribution under the Moog Retirement Savings Plan+ ceased accruing benefits under this plan</p> <p>On September 16, 2020, the Company entered into an agreement to transfer future benefit obligations for 3,058 retired participants to an insurer</p>
Eligibility	All employees hired before January 1, 2008 who did not elect to receive Moog's non-matching contributions under the Moog Retirement Savings Plan.
Participation	First day of the month coincident with or next following completion of one year of service with a minimum of 1,000 hours of service. Employees hired on or after January 1, 2008 are not eligible to participate.
Employee Contributions	None—Employer pays for full cost of the plan.
Service	
Vesting Service	Each participant shall receive one year of service for each plan year in which the participant completes 1,000 hours of service.

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
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Credited Service	
Prior Service	Continuous service (completed months) from hire to September 30, 1990.
Future Service	Continuous service (completed months) subsequent to September 30, 1990.
Compensation	
Prior Service	Prior service compensation is the greater of the January 1, 1988 base rate of pay of the pay received in the calendar year ending December 31, 1989 plus any shift differential or overtime but excluding any other compensation.
Current	Compensation is base pay plus shift differential and overtime received in the calendar year ending in the plan year.
Accrued Benefit	<p>Amount of benefit: (a) + (b), subject to a minimum of (c):</p> <p>(a) For service prior to October 1, 1990: 1.15% of the first \$20,000 of the prior service compensation plus 1.75% of such compensation in excess of \$20,000, for each year of prior service, or if greater, the accrued benefit under the prior accrual formula as of September 30, 1990.</p> <p>(b) For service after September 30, 1990: 1.15% of compensation up to \$20,000 plus 1.75% of the excess, for each year until completion of 35 years of credited service (prior and future), plus 1.75% of all compensation in each year subsequent to completion of 35 years of credited service.</p> <p>(c) A participant with at least five years of service shall be entitled to a minimum annual benefit of \$2,400 per year, prorated for less than 15 years of credited service.</p>
Normal Retirement	
Eligibility	Age 65.
Benefit	The accrued benefit.

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
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Early Retirement
Eligibility

Age 55 with 15 years of credited service.

Benefit

The accrued benefit reduced 0.5% for each month benefit commencement precedes age 65. Benefit may not commence before age 55.

Late Retirement
Eligibility

Retirement after normal retirement age.

Benefit

The accrued benefit.

Deferred vested
Eligibility

The accrued benefit is nonforfeitable after five years of service.

Benefit

Accrued benefit payable at normal retirement date. A participant with 15 years of service may elect early commencement of benefits after age 55 on an actuarially reduced basis.

Disability
Eligibility

Total and permanent disability.

Benefit

Accrued benefit actuarially reduced for commencement prior to normal retirement.

Preretirement Death
Eligibility

A life annuity is payable to the surviving spouse of a member whose death occurs after becoming vested, but prior to retirement.

Benefit

The amount payable to the surviving spouse is 50% of the member's death benefit determined as if he separated from service on the date of death, survived to his earliest retirement date, elected the joint and 50% survivor option, and then died. If the member is younger than age 55 at death, the survivor benefit may commence as early as the date the member would have attained age 50, with benefit actuarially reduced further for earlier commencement.

Normal Form of Benefits
Unmarried Participants

Life annuity.

Married Participants

Qualified joint and 50% survivor annuity (can elect different optional form with spousal consent).

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
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Optional Forms	Joint and 100%, 75%, 66⅔%, 50% contingent annuitant; Social Security level option; Term certain and life.
Optional Form Conversion Interest	6.00%.
Mortality	UP94 Unisex Mortality Table projected to 2002 with scale AA.
Deferred Retirement	For members retiring after their normal retirement date, the age of the member and that of his beneficiary as of his normal retirement date will be utilized in the determination.

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
EIN: 16-0757636 PN: 001

Provisions Applicable to Flo-Tork Participants

Plan Status	<p>Ongoing benefit accruals are provided for union employees, and new union employees are eligible to participate in the plan once they satisfy the participation requirements. No employee hired on or after December 7, 2015 will enter the plan.</p> <p>Effective January 1, 2007, future accruals were eliminated for non-union employees.</p> <p>As of December 1, 2018, future accruals were eliminated for all participants.</p>
Eligibility	<p>Hourly employees of the company, including members of Local #15811AM. Non-union employees no longer accrue benefits as of January 1, 2007.</p>
Participation	<p>First day of the first calendar week following the calendar week in which the employee has completed two months of service and attained age 16.</p>
Employee Contributions	<p>None—Employer pays for full cost of the plan.</p>
Service	
Vesting Service	<p>One year of credit for each plan year with 1,000 or more hours of service.</p>
Credited Service	<p>One year of credit for each plan year with 1,000 or more hours of service. Non-union employees stopped accruing service as of January 1, 2007.</p>

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
EIN: 16-0757636 PN: 001

Accrued Benefit

A monthly lifetime pension payable at normal retirement date equal to the sum of each year's accrual according to the following schedule:

Plan Years Beginning December 1	Benefit Rate
1973	\$ 5.50
1974–1976	\$ 6.60
1977–1979	\$ 7.70
1980	\$ 8.50
1981–1985	\$ 9.50
1986	\$10.50
1987	\$11.00
1988	\$12.00
1989–1990	\$13.00
1991	\$14.00
1992	\$15.00
1993–1994	\$16.00
1995	\$17.00
1996	\$18.00
1997	\$19.00
1998	\$20.00
1999	\$21.00
2000	\$24.00
2001	\$25.00
2002–2003	\$26.00
2004	\$27.00
2005	\$29.00
2006	\$31.00
2007	\$33.00
2008	\$35.00
2009	\$37.00
2010	\$39.00
2011	\$41.00
2012–2013	\$42.00
2014	\$43.00
2015+	\$44.50

Normal Retirement
Eligibility

First of month coincident with or next following age 65.

Benefit

The accrued benefit.

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
EIN: 16-0757636 PN: 001

Early Retirement
Eligibility

Age 55 and five years of vesting service.

Benefit

Accrued benefit commencing at normal retirement date;
or present value of accrued benefit payable at early
retirement.

Late Retirement
Eligibility

Retirement after normal retirement age.

Benefit

The benefit accrued at date of retirement, subject to
actuarial increase after attainment of age 70½.

Active participants: The plan provides benefit suspension
notices to participants who work beyond normal
retirement; therefore, late retirement actuarial increases
only apply to participants who defer retirement beyond
age 70½.

Deferred vested
Eligibility

Five years of vesting service, or age 65 if earlier.

Benefit

Accrued benefit commencing at normal retirement date;
or present value of accrued benefit payable at
termination.

Disability
Eligibility

Totally and permanently disabled for six months.

Benefit

Present value of accrued normal retirement benefit.

Preretirement Death
Eligibility

Death while eligible for a vested benefit.

Benefit Before Normal Retirement

Actuarial equivalent of the accrued benefit determined as
of the date of death.

Benefit After Normal Retirement

Benefit payable per the form of payment election.

Normal Form of Benefits
Unmarried Participants

Life annuity.

Married Participants

Actuarially equivalent 50% joint and survivor.

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
EIN: 16-0757636 PN: 001

Optional Forms

Lump sum;

Installments over a period certain not exceeding life expectancy;

Other single/joint life annuity options; such annuity may not be in a form that provides payments beyond the life expectancy of the participant (or, if applicable, his designated beneficiary).

Actuarial Equivalence

For Non-Decreasing Life Annuities

Interest

5.50% preretirement interest; 5.00% postretirement interest.

Mortality

1971 Individual Annuity (Male) Mortality Table with a two-year set back.

For Lump Sum Payments

Interest

Internal Revenue Code section 417(e)(3) applicable interest rate for the second month preceding the beginning of the plan year.

Mortality

Applicable Mortality Table under Internal Revenue Code section 417(e)(3)(A)(ii).

Plan Changes Since the Prior Year

There have been no changes in the valuations since the prior year.

Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. The values on the signed Schedule SB will govern to the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB.

Under the American Rescue Plan Act of 2021 (ARPA), the stabilized interest rates for certain purposes will be adjusted once the ARPA stabilization is applied. By default, this stabilization would have applied starting with the 2020 plan year.

This Schedule SB reflects stabilized 2021 minimum funding interest rates that are adjusted for ARPA. Via this filing, Moog Inc. will irrevocably commit the Moog Inc. Employees' Retirement Plan to use those rates for the 2021 plan year.

Plan Name	Moog Inc. Employees' Retirement Plan
Plan Sponsor EIN	16-0757636
ERISA Plan No.	001
Plan Year End	9/30/2022

The required attachment noted below is included within the Accountant's Opinion attachment to the Form 5500 Schedule H, Part III, which consists of the entire Audit report issued by the Plan's Independent Qualified Public Accountant (IQPA).

Form/Schedule	Line Item	Description
5500 Schedule H	Line 4i	Schedule of Assets (Held at End of Year)

Schedule SB Attachment (Form 5500)—2021 Plan Year
Moog Inc. Employees' Retirement Plan
EIN: 16-0757636 PN: 001

Schedule SB, line 24—Change in Actuarial Assumptions

The funding valuation reflects the following assumption change:

- A change in the inflation assumption from 2.00% to 2.25%.

This change was made to better reflect anticipated plan experience. This assumption change did not reduce the funding shortfall more than the threshold stated in the Internal Revenue Code Section 430(h)(5), as such approval of the Commissioner is not required.