

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). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2024 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) ☐ a single-employer plan ☒ a DFE (specify) M
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 HOWMET AEROSPACE RETIREMENT PLANS MASTER TRUST	1b	Three-digit plan number (PN) ▶	038
		1c	Effective date of plan	
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) HOWMET AEROSPACE INC. 201 ISABELLA STREET, SUITE 200 PITTSBURGH, PA 15212-5858	2b	Employer Identification Number (EIN) 25-0317820	
		2c	Plan Sponsor's telephone number 412-553-4545	
		2d	Business code (see instructions)	

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.		
	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	Filed with authorized/valid electronic signature.	10/15/2025	DAVID ADAMS
	Signature of DFE	Date	Enter name of individual signing as DFE

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
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(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) 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.....	6a(1) 6a(2) 6b 6c 6d 6e 6f 6g(1) 6g(2) 6h
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:

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
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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
- (4)** ☐ **DCG** (Individual Plan Information) – Number Attached _____
- (5)** ☐ **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

- (1)** ☒ **H** (Financial Information)
- (2)** ☐ **I** (Financial Information – Small Plan)
- (3)** ☐ **A** (Insurance Information) – Number Attached _____
- (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 2024 Form M-1 annual report. If the plan was not required to file the 2024 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 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
		2024
		This Form is Open to Public Inspection.

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024		
A Name of plan HOWMET AEROSPACE RETIREMENT PLANS MASTER TRUST	B Three-digit plan number (PN) ▶	038
C Plan sponsor's name as shown on line 2a of Form 5500 HOWMET AEROSPACE INC.	D Employer Identification Number (EIN) 25-0317820	

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	
BAIN CAPITAL PUBLIC EQUITY LP	200 CLARENDON STREET BOSTON, MA 02116

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
BLACKSTONE REAL ESTATE ASSOCIATES V	

20-3760109

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
BLACKSTONE REAL ESTATE ASSOCIATES V	

20-5954515

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
BLACKSTONE REAL ESTATE DEBT STRATEG	

84-1747170

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

BLACKSTONE REAL ESTATE MANAGEMENT A

98-0462700

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

BRIDGEWATER ASSOCIATES, LP

ONE GLENDINNING PLACE
WESTPORT, CT 06880

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

FIDELITY MANAGEMENT TRUST COMPANY

04-2723880

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

GREYSTAR INVESTMENT GROUP, LLC

04-3679677

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

GREYSTAR REAL ESTATE PARTNERS, LLC

36-3890381

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

OAKTREE CAPITAL MANAGEMENT, L.P.

26-0189082

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

POMONA MANAGEMENT LLC

730 THIRD AVENUE 46TH FL
NEW YORK, NY 10017

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

SEQUOIA CAPITAL

300 SAND HILL RD
MENLO PARK, CA 94025

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

WARBURG PINCUS LLC

13-3536050

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

BLACKSTONE MANAGEMENT PARTNERS LLC

20-3176986

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

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

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

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)

MERCER US INC.

13-2834414

(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 MANAGER	1060905	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

ALIGHT SOLUTIONS LLC

82-1061233

(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?
13 15 50	NONE	886564	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

THE BANK OF NEW YORK MELLON

13-5160382

(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?
18 19 50 99	CUSTODIAN	558169	Yes ☐ No ☒	Yes ☐ No ☐		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)

BUCK GLOBAL LLC

52-2200060

(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	NONE	159675	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

BLACKSTONE REAL ESTATE DEBT

83-4338822

(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 MANAGER	106980	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

BLACKSTONE HOLDINGS I LP

26-0288589

(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 MANAGER	36413	Yes ☐ No ☒	Yes ☐ No ☐		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)

PGIM, INC.

22-2540245

(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 MANAGER	23576	Yes ☐ No ☐	Yes ☐ No ☐	0	Yes ☐ No ☐

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

(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?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

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

(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?
			Yes ☐ No ☐	Yes ☐ No ☐		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
(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
(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

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:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan 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 2024 This Form is Open to Public Inspection.
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024		
A Name of plan HOWMET AEROSPACE RETIREMENT PLANS MASTER TRUST	B Three-digit plan number (PN) ▶ 038	
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 HOWMET AEROSPACE INC.	D Employer Identification Number (EIN) 25-0317820	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: ADAMS STREET PS - 2002 US FUND LP		
b Name of sponsor of entity listed in (a): ADAMS ST PARTNERS LLC		
c EIN-PN 36-4486500-001	d Entity code E	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 10212
a Name of MTIA, CCT, PSA, or 103-12 IE: ADAMS STREET PS - 2002 NON-US FD LP		
b Name of sponsor of entity listed in (a): ADAMS ST PARTNERS LLC		
c EIN-PN 36-4486501-001	d Entity code E	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1
a Name of MTIA, CCT, PSA, or 103-12 IE: ADAMS STREET PS - 2005 NON-US FD LP		
b Name of sponsor of entity listed in (a): ADAMS ST PARTNERS LLC		
c EIN-PN 20-1713121-001	d Entity code E	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2717
a Name of MTIA, CCT, PSA, or 103-12 IE: EB TEMPORARY INVESTMENT FD		
b Name of sponsor of entity listed in (a): THE BANK OF NEW YORK MELLON		
c EIN-PN 25-6078093-023	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 40838206
a Name of MTIA, CCT, PSA, or 103-12 IE: BARINGS US HY CIT		
b Name of sponsor of entity listed in (a): BARINGS LLC		
c EIN-PN 51-0504477-000	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 75557
a Name of MTIA, CCT, PSA, or 103-12 IE: ADAMS STREET BRINSON PARTNERSHIP		
b Name of sponsor of entity listed in (a): ADAMS ST PARTNERS LLC		
c EIN-PN 36-4486500-000	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 326
a Name of MTIA, CCT, PSA, or 103-12 IE: MERCER EMERGING MARKETS EQUITY CT		
b Name of sponsor of entity listed in (a): MERCER		
c EIN-PN 32-6219484-017	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 19600167

a Name of MTIA, CCT, PSA, or 103-12 IE: **MERCER ERISA HEDGE FUND INVESTORS**

b Name of sponsor of entity listed in (a): **MERCER**

c EIN-PN 47-2199849-021	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 68235319
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a Name of MTIA, CCT, PSA, or 103-12 IE: **MERCER GLOBAL LOW VOLATILITY EQUITY**

b Name of sponsor of entity listed in (a): **MERCER**

c EIN-PN 35-7004395-018	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 7678877
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a Name of MTIA, CCT, PSA, or 103-12 IE: **MERCER US CORE REAL ESTATE PORTFOLI**

b Name of sponsor of entity listed in (a): **MERCER**

c EIN-PN 87-1321612-022	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 33138732
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a Name of MTIA, CCT, PSA, or 103-12 IE: **MGI NON-US CORE EQUITY CT**

b Name of sponsor of entity listed in (a): **MERCER**

c EIN-PN 03-0566617-009	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 44467262
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a Name of MTIA, CCT, PSA, or 103-12 IE: **MGI US SMALL/MID CAP GROWTH EQUITY**

b Name of sponsor of entity listed in (a): **MERCER**

c EIN-PN 03-0566611-003	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 16382694
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a Name of MTIA, CCT, PSA, or 103-12 IE: **OPPORTUNISTIC FIXED INCOME CT**

b Name of sponsor of entity listed in (a): **MERCER**

c EIN-PN 36-7630030-020	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 18551144
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a Name of MTIA, CCT, PSA, or 103-12 IE: **SSGA S&P 500 (R) INDX NL SF CL A**

b Name of sponsor of entity listed in (a): **STATE STREET**

c EIN-PN 04-0025081-097	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 103152976
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a Name of MTIA, CCT, PSA, or 103-12 IE: **PRUDENTIAL LONG DURATION CREDIT FUN**

b Name of sponsor of entity listed in (a): **PRUDENTIAL**

c EIN-PN 23-6994310-222	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
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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)
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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, other than DCGs)

(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)

a Plan name HOWMET AEROSPACE RETIREMENT PLAN**b** Name of plan sponsor HOWMET AEROSPACE INC.**c** EIN-PN 25-0317820-001**a** Plan name HOWMET MUSKEGON COUNTY OPERATIONS EMPLOYEES PENSION PLAN**b** Name of plan sponsor HOWMET CORP**c** EIN-PN 13-2838093-009**a** Plan name HOWMET MERGED PENSION PLAN**b** Name of plan sponsor HOWMET AEROSPACE INC.**c** EIN-PN 25-0317820-018**a** Plan name PENSION PLAN OF RMI TITANIUM CO**b** Name of plan sponsor RMI TITANIUM CO, LLC**c** EIN-PN 31-0875005-001**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 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 G (Form 5500) Department of Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	Financial Transaction Schedules 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 2024 This Form is Open to Public Inspection.
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024		
A Name of plan HOWMET AEROSPACE RETIREMENT PLANS MASTER TRUST		B Three-digit plan number (PN) ► 038
C Plan sponsor's name as shown on line 2a of Form 5500 HOWMET AEROSPACE INC.		D Employer Identification Number (EIN) 25-0317820

Part I	Schedule of Loans or Fixed Income Obligations in Default or Classified as Uncollectible Complete as many entries as needed to report all loans or fixed income obligations in default or classified as uncollectible. Check box (a) if obligor is known to be a party in interest. Attach Overdue Loan Explanation for each loan listed. See Instructions.
--------	--

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐	CB CENTURY COMM ESCROW 8390 E CRESCENT PARKWAY SUITE 65 GREENWOOD VILLAGE, CO 80111	0.000% 02/14/2027 DD 03/06/95

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest
	0	0	1100000		

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐	SIGMA ERISA LIQUIDATING POOL 1 OXFORD CENTER, 301 GRANT ST PITTSBURGH, PA 15219	VAR RT 12/31/2049 DD 05/01/01

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest
	0	0	6498711		

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐		

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items			
☐					
		Amount received during reporting year		Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items			
☐					
		Amount received during reporting year		Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items			
☐					
		Amount received during reporting year		Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items			
☐					
		Amount received during reporting year		Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items			
☐					
		Amount received during reporting year		Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items			
☐					
		Amount received during reporting year		Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

Part II Schedule of Leases in Default or Classified as Uncollectible

Complete as many entries as needed to report all leases in default or classified as uncollectible. Check box (a) if lessor or lessee is known to be a party in interest. Attach Overdue Lease Explanation for each lease listed. (See instructions)

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)			
☐						
(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears	

Part III Nonexempt Transactions

Complete as many entries as needed to report all nonexempt transactions. **Caution:** If a nonexempt prohibited transaction occurred with respect to a disqualified person, file Form 5330 with the IRS to pay the excise tax on the transaction.

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction
(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction
(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction
(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction
(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction
(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction
(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price		
(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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
		2024
		This Form is Open to Public Inspection

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

A Name of plan HOWMET AEROSPACE RETIREMENT PLANS MASTER TRUST	B Three-digit plan number (PN) ▶ 038
C Plan sponsor's name as shown on line 2a of Form 5500 HOWMET AEROSPACE INC.	D Employer Identification Number (EIN) 25-0317820

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	2	-250305
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions.....	1b(2)		
(3) Other	1b(3)	4513527	12216187
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	-34638064	39768415
(2) U.S. Government securities	1c(2)	166571971	81707503
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	25603999	0
(B) All other	1c(3)(B)	28242405	1699744
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	12710	0
(B) Common	1c(4)(B)	407239	798060
(5) Partnership/joint venture interests	1c(5)	200437154	209425521
(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)	354287416	403417534
(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)	51593	12930
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)		
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other.....	1c(15)	39358899	-11096135

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(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	784848851	737699454
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j	6132770	373882
k Total liabilities (add all amounts in lines 1g through 1j)	1k	6132770	373882
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	778716081	737325572

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.

Income		(a) Amount	(b) Total
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)		
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	-26135	
(B) U.S. Government securities	2b(1)(B)	4906382	
(C) Corporate debt instruments	2b(1)(C)	2180022	
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)	250162	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		7310431
(2) Dividends: (A) Preferred stock	2b(2)(A)	93	
(B) Common stock	2b(2)(B)	-217742	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		-217649
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	413177979	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	456453528	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		-43275549
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	4060095	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		31415768
(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)		-9734
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		
c Other income	2c		2477855
d Total income. Add all income amounts in column (b) and enter total	2d		1761217

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)		
(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)		
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Recordkeeping fees	2i(3)		
(4) IQPA audit fees	2i(4)		
(5) Investment advisory and investment management fees	2i(5)	1141002	
(6) Bank or trust company trustee/custodial fees	2i(6)	350070	
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)	415180	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		1906252
j Total expenses. Add all expense amounts in column (b) and enter total	2j		1906252

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-145035
l Transfers of assets:			
(1) To this plan	2l(1)		52088684
(2) From this plan	2l(2)		93334158

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:

(2) EIN:

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) ☒ This form is filed for a CCT, PSA, DCG 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. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
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.)			
4a			
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.)		X	
4b			
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.)		X	
4c			
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.)		X	
4d			
e Was this plan covered by a fidelity bond?			
4e			
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?			
4f			
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			
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			
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			
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			
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k			
l Has the plan failed to provide any benefit when due under the plan?			
4l			
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 _____.



Schedule H, Line 4(i) - Schedule of Assets (Held at End of Plan Year)

EIN: 25-0317820 Plan Number: 038

Report ID: M1102

Status: FINAL

TOTAL FUND MINUS RMI - ALCG00011000

01/01/2024 - 12/31/2024

TOTAL FUND MINUS RMI

Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss
INTEREST-BEARING CASH					
ALCF80000002	996087094 BNY MELLON CASH RESERVE 0.100% 12/31/2049 DD 06/26/97	12,184.000	12,184.00	12,184.00	0.00
ALCF82450002	FJ9123459 JPY (JAPANESE YEN)	1.000	0.01	0.01	0.00
ALCF82450002	LB9123459 BRL (BRAZILIAN REAL)	45.000	8.27	7.28	(0.99)
ALCF82450002	XX9123458 EUR (EURO)	(123.660)	(137.09)	(128.05)	9.04
ALCF89300002	XX9123458 EUR (EURO)	0.620	0.71	0.64	(0.07)
ALCF89310002	XX9123458 EUR (EURO)	0.360	0.39	0.37	(0.02)
ALCF89360002	XX9123458 EUR (EURO)	(0.720)	(0.79)	(0.75)	0.04
ALCF89999902	ES9123450 CHF (SWISS FRANC)	14,180.430	15,255.16	15,647.37	392.21
ALCF89999902	EX9123459 GBP (GREAT BRITISH POUNDS)	9,183.300	12,243.81	11,501.16	(742.65)
ALCF89999902	XX9123458 EUR (EURO)	29,069.080	32,871.26	30,101.03	(2,770.23)
TOTAL INTEREST-BEARING CASH			72,425.73	69,313.06	(3,112.67)
U. S. GOVERNMENT SECURITIES					
ALCF89380002	3136F7NM5 FEDERAL NATL MTG ASSN 0.000% 11/15/2030 DD 11/15/05	810,000.000	685,608.30	616,029.30	(69,579.00)
ALCF89380002	76116FAC1 RESOLUTION FDG CORP PRIN STRIP 0.000% 04/15/2030 DD 04/15/90	175,000.000	150,412.50	136,986.50	(13,426.00)
ALCF89380002	880591CS9 TENNESSEE VALLEY AUTH BD 5.880% 04/01/2036 DD 07/23/97	655,000.000	952,265.20	709,515.65	(242,749.55)
ALCF89380002	912810PX0 U S TREASURY BOND 4.500% 05/15/2038 DD 05/15/08	2,000,000.000	1,908,836.13	1,969,620.00	60,783.87
ALCF89380002	912810QN1 U S TREASURY BOND 4.750% 02/15/2041 DD 02/15/11	6,800,000.000	6,586,583.91	6,774,772.00	188,188.09
ALCF89380002	912810RD2 U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	10,790,000.000	10,045,156.87	9,300,872.10	(744,284.77)
ALCF89380002	912810SW9 U S TREASURY BOND 1.875% 02/15/2041 DD 02/15/21	9,300,000.000	6,108,974.70	6,237,510.00	128,535.30
ALCF89380002	912810UB2 U S TREASURY BOND 4.625% 05/15/2044 DD 05/15/24	18,260,000.000	18,602,647.13	17,720,782.20	(881,864.93)
ALCF89380002	912810UF3 U S TREASURY BOND 4.625% 11/15/2044 DD 11/15/24	40,940,000.000	41,242,917.32	39,737,592.20	(1,505,325.12)
TOTAL U. S. GOVERNMENT SECURITIES			86,283,402.06	83,203,679.95	(3,079,722.11)
CORPORATE DEBT INSTRUMENTS					
ALCF80000002	156ESCAG0 *CB CENTURY COMM ESCROW 0.000% 02/14/2027 DD 03/06/95	1,100,000.000	0.00	0.00	0.00
ALCF80000002	156ESCAJ4 *ESCROW CB CENTURY COMM 0.000% 10/01/2017 DD 09/29/97	820,000.000	0.00	0.00	0.00
ALCF80000002	156ESCAL9 *ESCROW CB CENTURY COMM 0.000% 12/15/2007 DD 12/10/97	2,080,000.000	0.00	0.00	0.00
ALCF80000002	156ESCAN5 *ESCROW GCB CENTURY COM 0.000% 01/15/2008 DD 01/15/98	2,770,000.000	0.00	0.00	0.00
ALCF82460002	99VVBVGR4 *JUPITER RES INC 144A 8.500% 10/01/2022 DD 09/18/14	33,592.644	162,355.54	162,355.54	0.00
TOTAL CORPORATE DEBT INSTRUMENTS			162,355.54	162,355.54	0.00
CORPORATE STOCK - COMMON					
ALCF82650002	29975E109 EVENTBRITE INC	1,362.000	16,167.00	4,576.32	(11,590.68)
ALCF82650002	91332U101 UNITY SOFTWARE INC	17,204.000	429,930.00	386,573.88	(43,356.12)
ALCF88100002	G39357101 GLOBAL UNILABS CLINICAL TRIALS LTD	99.000	0.00	0.00	0.00
ALCF89999902	007CVR012 CONTRA ADURO BIOTECH I	136.000	0.01	0.01	0.00
ALCF89999902	60975R105 MONOGENESIS CORP	1.000	0.01	0.01	0.00
ALCF89999902	ELB290CR2 CATCHER TECHNOLOGY CO LTD GDR	8,755.000	407,238.83	407,238.83	0.00



Schedule of Investments at End of Plan Year at Historical Cost

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Status: FINAL

TOTAL FUND MINUS RMI - ALCG00011000

01/01/2024 - 12/31/2024

TOTAL FUND MINUS RMI

Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss
TOTAL CORPORATE STOCK - COMMON			853,335.85	798,389.05	(54,946.80)
PARTNERSHIP/JOINT VENTURE INTEREST					
ALCF80340002	999056054 SEQUOIA CAP FRANCHISE FD LP	164,137.000	942,393.91	164,137.00	(778,256.91)
ALCF80370002	999159619 COURT SQUARE PARTNERS II LP	10,977.000	3,021,754.18	10,977.00	(3,010,777.18)
ALCF80390002	999171754 PEGASUS PARTNERS IV	642,279.000	4,200,657.15	642,279.00	(3,558,378.15)
ALCF80590002	EX8234711 BC EUROPEAN CAPITAL VII	42,765.000	1,954,365.80	44,283.16	(1,910,082.64)
ALCF80630002	999155682 PEAK XV PTNS GROWTH FD I	62,420.000	294,697.88	62,420.00	(232,277.88)
ALCF80650002	999213408 HONGSHAN CAP GR FD I LP	10,450,254.000	1,290,628.92	10,450,254.00	9,159,625.08
ALCF80660002	999181183 HONGSHAN CAP II LP	1,184,462.000	255,809.08	1,184,462.00	928,652.92
ALCF80670002	999187040 PEAK XV PARTNERS III	853,185.000	264,202.57	853,185.00	588,982.43
ALCF80690002	999263403 PEAK XV PTNS GROWTH FD II	1,136,171.000	901,890.05	1,136,171.00	234,280.95
ALCF80730002	999237332 SEQUOIA CAPITAL US GROWTH IV	5,609,855.000	1,478,346.37	5,609,855.00	4,131,508.63
ALCF80750002	999254014 SEQUOIA CAPITAL ISRAEL IV LP	596,153.000	749,065.84	596,153.00	(152,912.84)
ALCF80780002	99VVACHL9 OAKTREE POWER OPPS FUND III	6,014.000	12,370.45	6,014.00	(6,356.45)
ALCF80790002	99VVA9T5 OAKTREE OPPORTUNITIES VIII B	253,769.000	0.00	253,769.00	253,769.00
ALCF80810002	999G37513 SEQUOIA CAP U.S. VENTURE 2010	3,948,273.000	276,562.42	3,948,273.00	3,671,710.58
ALCF80820002	999G37505 HONGSHAN CAP VENT 2010 FD LP	257,581.000	113,522.02	257,581.00	144,058.98
ALCF80830002	999G37497 HONGSHAN CAP GR 2010 FD LP	179,342.000	274,543.03	179,342.00	(95,201.03)
ALCF80850002	99VVARHP7 SEQUOIA CAPITAL US VENTURE 2010 FUND-SEED FUND	221,711.000	833.71	221,711.00	220,877.29
ALCF81040002	99VVABPQ1 DE SHAW OCULUS INTL FUND	39,643,276.930	7,908,266.53	39,643,276.93	31,735,010.40
ALCF83560002	99VVBQ8C7 ADAMS STREET CO-INVESTMENT IV A	11,190,795.006	6,429,388.00	11,190,795.01	4,761,407.01
ALCF83570002	99VVBZ5J5 DRA GROWTH AND INCOME FUND X	5,997,111.000	5,512,577.00	5,997,111.00	484,534.00
ALCF83580002	99VVB0AH0 GREYSTAR EQUITY PARTNERS X LP	2,963,173.008	2,606,728.31	2,963,173.01	356,444.70
ALCF83590002	99VVBMLM9 MGG SF EVERGREEN FD CAYMAN LP	10,463,522.450	7,275,991.09	10,463,522.45	3,187,531.36
ALCF83680002	99VVBZEP1 OAKTREE MID MARKET DIR LEND FD PARA 2	5,332,913.000	4,955,580.00	5,332,913.00	377,333.00
ALCF86240002	99VVB1U8 BLACKSTONE REAL ESTATE IX	6,365,538.050	4,945,504.26	6,365,538.05	1,420,033.79
ALCF86360002	999044084 UBS TRUMBULL PROP FD	10,018,348.920	3,044,623.64	10,018,348.92	6,973,725.28
ALCF86390002	999029549 HUFF ALTERNATIVE INCOME FD L P	1.000	2,137,873.29	1.00	(2,137,872.29)
ALCF86410002	999081557 FA PRIVATE EQUITY FUND IV	322,370.000	517,774.46	322,370.00	(195,404.46)
ALCF86630002	999115140 ADAM ST 2005 US FUND	21,289.006	240,029.67	21,289.01	(218,740.66)
ALCF86640002	999118839 POMONA CAPITAL VI LP	48,211.000	2,863,573.38	48,211.00	(2,815,362.38)
ALCF86660002	ED8607894 BC EUROPEAN CAPITAL VIII LP	5,318.000	4,189,189.19	5,506.79	(4,183,682.40)
ALCF86670002	999120314 WARBURG PINCUS PRIVATE EQUITY IX LP	4,304.000	100,521.48	4,304.00	(96,217.48)
ALCF86680002	999141781 SEQUOIA CAPITAL ISRAEL III	56,996.000	194,567.05	56,996.00	(137,571.05)
ALCF86710002	999126121 SEQUOIA CAPITAL GROWTH FUND III	97,184.000	1,000,520.48	97,184.00	(903,336.48)
ALCF86750002	999141542 BLACKSTONE REAL ESTATE PARTNERS V	9,077.000	305,994.84	9,077.00	(296,917.84)
ALCF86760002	XX8893622 JER EUROPE FUND III	48,306.000	14,560,675.36	50,020.86	(14,510,654.50)
ALCF86780002	999154198 RREEF GLOBAL OPPORTUNITIES FD II	183,385.000	21,331,827.18	183,385.00	(21,148,442.18)
ALCF86810002	999171903 BLACKSTONE RE VI	1,974.520	118,223.50	1,974.52	(116,248.98)
ALCF86830002	999196207 WARBURG PINCUS PRIVATE EQUITY X LP	119,077.930	393,193.14	119,077.93	(274,115.21)
ALCF86850002	999209430 ADAM ST 2008 NON-US FUND	19,704.000	123,194.03	19,704.00	(103,490.03)



Schedule of Investments at End of Plan Year at Historical Cost

Report ID: M1102

Status: FINAL

TOTAL FUND MINUS RMI - ALCG00011000

01/01/2024 - 12/31/2024

TOTAL FUND MINUS RMI

Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss
ALCF86850002	999209448 ADAM ST 2008 US FUND	87,820.002	209,116.42	87,820.00	(121,296.42)
ALCF86850002	999209455 ADAMS STREET 2008 DIRECT FUND LP	58,924.004	1,999.03	58,924.00	56,924.97
ALCF86860002	99VVAJH75 SEQUOIA CAP U.S. GROWTH FD V	375,641.000	720,764.11	375,641.00	(345,123.11)
ALCF86920002	99VVBSUM6 WARBURG PINCUS GLOBAL GROWTH	11,339,398.560	7,036,080.50	11,339,398.56	4,303,318.06
ALCF86930002	99VVBW42 LCP IX (OFFSHORE) LP	9,580,168.000	6,845,572.30	9,580,168.00	2,734,595.70
ALCF86940002	99VVBSSH0 LEE EQUITY PARTNERS FD III	6,460,115.006	4,178,175.56	6,460,115.01	2,281,939.45
ALCF86950002	99VVBYP04 SEARCHLIGHT CAPITAL III	5,620,101.000	3,609,540.00	5,620,101.00	2,010,561.00
ALCF86960002	99VVB06Y8 BLACKSTONE RE DEBT STRAT IV LP	7,071,559.390	8,990,932.46	7,071,559.39	(1,919,373.07)
ALCF87280002	99VVCB516 MERCER PRIVATE INV PTNS VI LP	17,614,578.000	15,936,986.30	17,614,578.00	1,677,591.70
ALCF88100002	483101101 KAISER VENTURES LLC UNIT MEMBERSHIP INT CL A	4,140.000	0.00	0.00	0.00
ALCF89070002	99VVBZKA7 APAX X LP	10,756,353.760	7,770,814.06	10,756,353.76	2,985,539.70
ALCF89140002	99VVAH796 VIKING GLOBAL EQUITIES III CLASS H SER 1E	3,179.757	6,027,010.80	19,460,094.89	13,433,084.09
ALCF89160002	99VVBQGV6 BAIN CAPITAL PUB EQ GL PRTNR FUND (OFFSHORE) LP	355,149.000	375,221.94	355,149.00	(20,072.94)
TOTAL PARTNERSHIP/JOINT VENTURE INTEREST			168,489,672.74	207,314,548.25	38,824,875.51
OTHER INVESTMENTS					
ALCF89380002	99F106C5A US 10YR ULTRA FUTURE (CBT) EXP MAR 25	1,141.000	0.00	(1,737,474.60)	(1,737,474.60)
ALCF89380002	99F133C5A US TREAS BD FUTURE (CBT) EXP MAR 25	1,202.000	0.00	(3,123,250.40)	(3,123,250.40)
ALCF89380002	99F139C5A US 10YR TREAS NTS FUTURE (CBT) EXP MAR 25	633.000	0.00	(1,069,707.00)	(1,069,707.00)
ALCF89380002	99F183C5A US 5YR TREAS NTS FUTURE (CBT) EXP MAR 25	879.000	0.00	(655,366.94)	(655,366.94)
ALCF89380002	99F217C5A US 2YR TREAS NTS FUT (CBT) EXP MAR 25	314.000	0.00	28,722.06	28,722.06
ALCF89380002	99F700C5A US ULTRA BOND (CBT) EXP MAR 25	1,153.000	0.00	(4,543,627.05)	(4,543,627.05)
TOTAL OTHER INVESTMENTS			0.00	(11,100,703.93)	(11,100,703.93)
COMMON/COLLECTIVE TRUST					
ALCF80000002	996084794 EB TEMP INV FD VAR RT 12/31/49 FEE CL 10	30,779,375.850	30,779,375.85	30,779,375.85	0.00
ALCF80550002	999030745 ADAMS STREET BRINSON PARTNERSHIP	7,863.008	260,324.47	7,863.01	(252,461.46)
ALCF82410002	996084794 EB TEMP INV FD VAR RT 12/31/49 FEE CL 10	1,238,005.020	1,238,005.02	1,238,005.02	0.00
ALCF82460002	996084794 EB TEMP INV FD VAR RT 12/31/49 FEE CL 10	22.390	22.39	22.39	0.00
ALCF82460002	99VVBVP03 BARINGS US HY CIT.	7,201.121	72,475.07	75,557.03	3,081.96
ALCF82480002	996084794 EB TEMP INV FD VAR RT 12/31/49 FEE CL 10	23,923.240	23,923.24	23,923.24	0.00
ALCF86970002	857444590 SSGA S&P 500 (R) INDX NL SF CL A (CMM3)	797,749.320	78,793,245.11	103,152,975.82	24,359,730.71
ALCF86980002	552857302 MGI US SMALL/MID CAP GROWTH EQUITY CT	334,750.588	14,424,574.80	16,382,693.78	1,958,118.98
ALCF86990002	552857708 MGI NON-US CORE EQUITY CT	1,637,836.542	41,340,656.75	44,467,262.12	3,126,605.37
ALCF87250002	587753104 MERCER EMERGING MARKETS EQUITY CT	1,622,530.398	23,030,388.83	19,600,167.21	(3,430,221.62)
ALCF87260002	587753203 MERCER GLOBAL LOW VOLATILITY EQUITY PORTFOLIO	250,861.707	6,501,663.85	7,678,876.85	1,177,213.00
ALCF87270002	587753401 OPPORTUNISTIC FIXED INCOME CT	1,518,096.910	18,247,491.16	18,551,144.24	303,653.08
ALCF87290002	99VVCMZU5 MERCER US CORE REAL ESTATE PORTFOLIO	35,000.000	35,000,000.00	33,138,731.50	(1,861,268.50)
ALCF87300002	99VVCMZ4 MERCER ERISA HEDGE FUND INVESTORS	42,301.632	53,000,000.00	67,873,157.00	14,873,157.00
ALCF89010002	996084794 EB TEMP INV FD VAR RT 12/31/49 FEE CL 10	3,449.490	3,449.49	3,449.49	0.00
ALCF89030002	996189775 SIGMA ERISA LIQUIDATING POOL VAR RT 12/31/2049 DD 05/01/01	6,498,710.620	6,498,710.62	0.00	(6,498,710.62)
ALCF89300002	996084794 EB TEMP INV FD VAR RT 12/31/49 FEE CL 10	66,261.640	66,261.64	66,261.64	0.00



Schedule of Investments at End of Plan Year at Historical Cost

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TOTAL FUND MINUS RMI - ALCG00011000

01/01/2024 - 12/31/2024

TOTAL FUND MINUS RMI

Security ID		Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss
ALCF89310002	996084794	EB TEMP INV FD VAR RT 12/31/49 FEE CL 10	36,747.860	36,747.86	36,747.86	0.00
ALCF89340002	996084794	EB TEMP INV FD VAR RT 12/31/49 FEE CL 10	134.070	134.07	134.07	0.00
ALCF89350002	996084794	EB TEMP INV FD VAR RT 12/31/49 FEE CL 10	31,152.400	31,152.40	31,152.40	0.00
ALCF89360002	996084794	EB TEMP INV FD VAR RT 12/31/49 FEE CL 10	43,228.460	43,228.46	43,228.46	0.00
ALCF89380002	996084794	EB TEMP INV FD VAR RT 12/31/49 FEE CL 10	8,615,905.420	8,615,905.42	8,615,905.42	0.00
TOTAL COMMON/COLLECTIVE TRUST				318,007,736.50	351,766,634.40	33,758,897.90
103-12 INVESTMENT ENTITIES						
ALCF86570002	999081409	ADAMS STREET 2002 FUND LP	10,317.004	135,045.24	10,317.00	(124,728.24)
ALCF86580002	999083066	ADAMS STREET 2002 NON-US LP	11,052.000	42,011.91	11,052.00	(30,959.91)
ALCF86620002	999117518	ADAMS STREET PARTNERSHIP FUND 2005 NON-US FUND LP FUND	2,819.004	110,513.38	2,819.00	(107,694.38)
TOTAL 103-12 INVESTMENT ENTITIES				287,570.53	24,188.00	(263,382.53)
GRAND TOTAL				574,156,498.95	632,238,404.32	58,081,905.37

(5,940,672.49) C
64,022,577.86 I



5500 Acquisitions & Dispositions of Assets within Plan Year
EIN: 25-0317820 Plan Number: 038

Report ID: M2574E

Status: FINAL

TOTAL FUND MINUS RMI - ALCG00011000

01/01/2024 - 12/31/2024

TOTAL FUND MINUS RMI

Security ID	Security Description	Shares	Cost of Acquisitions	Proceeds of Dispositions
00108WAT7	AEP TEXAS INC 5.700% 05/15/2034 DD 05/22/24	25,000.000	(24,936.50)	25,017.75
00115AAM1	AEP TRANSMISSION CO LLC 3.650% 04/01/2050 DD 04/01/20	40,000.000	(29,602.80)	30,955.20
00115AAR0	AEP TRANSMISSION CO LLC 5.150% 04/01/2034 DD 03/13/24	25,000.000	(24,983.50)	25,599.00
007944AK7	ADVENTIST HEALTH SYSTEM/WEST 5.757% 12/01/2034 DD 05/23/24	10,000.000	(9,910.50)	10,235.80
00973RAP8	AKER BP ASA 144A 5.800% 10/01/2054 DD 10/01/24	55,000.000	(54,693.55)	53,291.15
018820AD2	ALLIANZ SE 144A VAR RT 09/03/2054 DD 09/03/24	200,000.000	(200,000.00)	203,122.00
025816DR7	AMERICAN EXPRESS CO VAR RT 04/25/2035 DD 04/25/24	65,000.000	(65,000.00)	66,450.15
025816DW6	AMERICAN EXPRESS CO VAR RT 07/26/2035 DD 07/26/24	75,000.000	(75,000.00)	77,052.00
031162CD0	AMGEN INC 4.563% 06/15/2048 DD 12/15/16	10,000.000	(8,788.00)	8,893.50
031162DG2	AMGEN INC 4.400% 02/22/2062 DD 02/22/22	10,000.000	(7,970.80)	8,031.50
031162DK3	AMGEN INC 4.875% 03/01/2053 DD 08/18/22	10,000.000	(9,172.40)	9,227.90
032654BC8	ANALOG DEVICES INC 5.300% 04/01/2054 DD 04/03/24	80,000.000	(79,584.00)	82,405.60
037411BG9	APACHE CORP 5.350% 07/01/2049 DD 06/19/19	15,000.000	(12,484.50)	12,733.35
03769MAD8	APOLLO GLOBAL MANAGEMENT INC VAR RT 12/15/2054 DD 10/10/24	10,000.000	(10,000.00)	9,998.90
037833DQ0	APPLE INC 2.950% 09/11/2049 DD 09/11/19	10,000.000	(6,762.00)	7,208.70
046353AD0	ASTRAZENECA PLC 6.450% 09/15/2037 DD 09/12/07	5,000.000	(5,636.50)	5,717.60
04636NAN3	ASTRAZENECA FINANCE LLC 5.000% 02/26/2034 DD 02/26/24	30,000.000	(29,890.20)	30,027.60
06051GGM5	BANK OF AMERICA CORP VAR RT 04/24/2038 DD 04/24/17	25,000.000	(22,669.80)	22,669.55
06051GHA0	BANK OF AMERICA CORP VAR RT 01/23/2049 DD 01/23/18	60,000.000	(48,150.60)	49,930.20
06051GJA8	BANK OF AMERICA CORP VAR RT 03/20/2051 DD 03/20/20	15,000.000	(12,637.20)	12,649.05
06051GJN0	BANK OF AMERICA CORP VAR RT 03/13/2052 DD 03/11/21	20,000.000	(14,761.40)	14,177.00
06051GKB4	BANK OF AMERICA CORP VAR RT 07/21/2052 DD 07/21/21	35,000.000	(23,541.30)	24,287.55
06051GMA4	BANK OF AMERICA CORP VAR RT 01/23/2035 DD 01/23/24	115,000.000	(115,858.20)	115,319.35
06237MAD5	BANK GOSPODARSTWA KRAJOWE 144A 6.250% 07/09/2054 DD 07/09/24	200,000.000	(198,552.00)	210,600.00
07274EAL7	BAYER US FINANCE LLC 144A 6.500% 11/21/2033 DD 11/21/23	50,000.000	(50,453.80)	50,764.50
07274NAN3	BAYER US FINANCE II LLC 144A 4.625% 06/25/2038 DD 06/25/18	15,000.000	(12,302.55)	13,402.80
07274NBF9	BAYER US FINANCE II LLC 144A 4.400% 07/15/2044 DD 07/15/18	15,000.000	(11,231.75)	11,907.45
07274NBG7	BAYER US FINANCE II LLC 144A 3.950% 04/15/2045 DD 04/15/18	25,000.000	(17,092.75)	17,929.30
097023DL6	BOEING CO/THE 144A 6.528% 05/01/2034 DD 05/01/24	25,000.000	(25,000.00)	25,426.20
097023DM4	BOEING CO/THE 144A 6.858% 05/01/2054 DD 05/01/24	140,000.000	(141,445.55)	145,992.85
097023DN2	BOEING CO/THE 144A 7.008% 05/01/2064 DD 05/01/24	80,000.000	(80,363.40)	85,304.60
11135FCD1	BROADCOM INC 4.800% 10/15/2034 DD 10/02/24	40,000.000	(39,784.50)	39,510.80
12189LBH3	BURLINGTON NORTHERN SANTA FE L 2.875% 06/15/2052 DD 12/08/21	15,000.000	(9,280.20)	10,117.20
125523CF5	CIGNA GROUP/THE 4.800% 07/15/2046 DD 01/15/20	20,000.000	(17,131.60)	18,287.80
12572QAF2	CME GROUP INC 5.300% 09/15/2043 DD 09/09/13	10,000.000	(10,036.60)	10,531.00
126408GU1	CSX CORP 5.500% 04/15/2041 DD 10/21/10	20,000.000	(20,735.00)	20,395.10
126408GY3	CSX CORP 4.100% 03/15/2044 DD 10/22/12	20,000.000	(17,197.20)	17,454.40
14040HDF9	CAPITAL ONE FINANCIAL CORP VAR RT 02/01/2035 DD 02/01/24	20,000.000	(20,000.00)	20,250.30
14448CBD5	CARRIER GLOBAL CORP 6.200% 03/15/2054 DD 11/30/23	20,000.000	(19,967.00)	22,449.90



5500 Acquisitions & Dispositions of Assets within Plan Year

Report ID: M2574E

Status: FINAL

TOTAL FUND MINUS RMI - ALCG00011000

01/01/2024 - 12/31/2024

TOTAL FUND MINUS RMI

Security ID	Security Description	Shares	Cost of Acquisitions	Proceeds of Dispositions
161175BC7	CHARTER COMMUNICATIONS OPERATI 6.834% 10/23/2055 DD 10/23/16	5,000.000	(4,762.20)	4,955.35
161175CK8	CHARTER COMMUNICATIONS OPERATI 5.250% 04/01/2053 DD 03/15/22	10,000.000	(7,960.00)	8,160.70
161175CR3	CHARTER COMMUNICATIONS OPERATI 6.550% 06/01/2034 DD 05/14/24	80,000.000	(79,811.20)	80,925.40
168863CE6	CHILE GOVERNMENT INTERNATIONAL 3.860% 06/21/2047 DD 06/21/17	40,000.000	(31,449.00)	32,032.80
168863DV7	CHILE GOVERNMENT INTERNATIONAL 3.500% 01/31/2034 DD 01/31/22	5,000.000	(4,387.50)	4,337.50
17275RBT8	CISCO SYSTEMS INC 5.050% 02/26/2034 DD 02/26/24	60,000.000	(60,226.80)	60,946.24
17275RBU5	CISCO SYSTEMS INC 5.300% 02/26/2054 DD 02/26/24	50,000.000	(49,952.65)	51,179.75
17275RBV3	CISCO SYSTEMS INC 5.350% 02/26/2064 DD 02/26/24	35,000.000	(35,091.00)	35,927.70
172967LU3	CITIGROUP INC VAR RT 01/24/2039 DD 01/24/18	35,000.000	(30,145.30)	30,236.20
172967MM0	CITIGROUP INC VAR RT 03/26/2041 DD 03/26/20	15,000.000	(14,618.25)	14,711.70
172967PG0	CITIGROUP INC VAR RT 02/13/2035 DD 02/13/24	210,000.000	(209,606.40)	208,509.03
17325FBG2	CITIBANK NA 5.570% 04/30/2034 DD 04/30/24	250,000.000	(250,000.00)	262,787.50
20030NCG4	COMCAST CORP 4.049% 11/01/2052 DD 10/19/17	10,000.000	(7,685.30)	8,160.00
20030NEJ6	COMCAST CORP 5.300% 06/01/2034 DD 05/22/24	20,000.000	(19,933.60)	20,386.00
20030NEK3	COMCAST CORP 5.650% 06/01/2054 DD 05/22/24	50,000.000	(50,040.50)	52,369.70
20268JAR4	COMMONSPIRIT HEALTH 5.205% 12/01/2031 DD 03/20/24	30,000.000	(30,000.00)	29,921.70
20268JAS2	COMMONSPIRIT HEALTH 5.318% 12/01/2034 DD 03/20/24	75,000.000	(74,996.80)	76,673.25
20268JAT0	COMMONSPIRIT HEALTH 5.548% 12/01/2054 DD 03/20/24	40,000.000	(40,000.00)	40,576.00
202795JM3	COMMONWEALTH EDISON CO 4.000% 03/01/2048 DD 02/20/18	20,000.000	(15,766.40)	16,612.80
202795KA7	COMMONWEALTH EDISON CO 5.650% 06/01/2054 DD 05/13/24	15,000.000	(14,902.80)	15,833.25
21685WCJ4	COOPERATIEVE RABOBANK UA 5.250% 05/24/2041 DD 05/24/11	45,000.000	(44,422.20)	46,472.85
25278XAT6	DIAMONDBACK ENERGY INC 4.250% 03/15/2052 DD 03/17/22	25,000.000	(19,819.50)	19,630.34
25278XAZ2	DIAMONDBACK ENERGY INC 5.400% 04/18/2034 DD 04/18/24	15,000.000	(14,951.85)	14,961.45
25278XBA6	DIAMONDBACK ENERGY INC 5.750% 04/18/2054 DD 04/18/24	70,000.000	(69,969.90)	70,037.20
25278XBB4	DIAMONDBACK ENERGY INC 5.900% 04/18/2064 DD 04/18/24	40,000.000	(39,629.70)	39,961.40
25470DBG3	DISCOVERY COMMUNICATIONS LLC 5.300% 05/15/2049 DD 05/21/19	15,000.000	(12,750.00)	11,914.80
268317AQ7	ELECTRICITE DE FRANCE SA 144A 4.950% 10/13/2045 DD 10/13/15	20,000.000	(18,013.40)	18,485.60
268317BB9	ELECTRICITE DE FRANCE SA 144A 6.000% 04/22/2064 DD 04/22/24	35,000.000	(31,862.45)	34,889.05
26884TAZ5	ERAC USA FINANCE LLC 144A 5.200% 10/30/2034 DD 02/08/24	20,000.000	(20,006.60)	19,729.85
28504DAD5	ELECTRICITE DE FRANCE SA 144A 6.900% 05/23/2053 DD 05/23/23	10,000.000	(10,633.70)	11,395.00
29273VAY6	ENERGY TRANSFER LP 5.550% 05/15/2034 DD 01/25/24	35,000.000	(34,874.45)	34,958.15
30303M8V7	META PLATFORMS INC 5.400% 08/15/2054 DD 08/09/24	135,000.000	(134,793.55)	138,997.20
30303M8W5	META PLATFORMS INC 5.550% 08/15/2064 DD 08/09/24	190,000.000	(192,090.05)	197,579.90
303901BQ4	FAIRFAX FINANCIAL HOLDING 144A 6.100% 03/15/2055 DD 06/24/24	25,000.000	(24,896.25)	25,523.00
303901BR2	FAIRFAX FINANCIAL HOLDINGS LTD 6.350% 03/22/2054 DD 09/22/24	30,000.000	(29,941.60)	31,800.60
350930AE3	FOUNDRY JV HOLDCO LLC 144A 6.400% 01/25/2038 DD 05/07/24	200,000.000	(204,908.00)	207,250.00
375558BA0	GILEAD SCIENCES INC 4.500% 02/01/2045 DD 11/17/14	30,000.000	(27,297.00)	27,324.90
375558BD4	GILEAD SCIENCES INC 4.750% 03/01/2046 DD 09/14/15	15,000.000	(13,536.75)	14,103.00
37959GAF4	GLOBAL ATLANTIC FIN CO 144A 6.750% 03/15/2054 DD 03/15/24	40,000.000	(40,132.60)	42,026.80



5500 Acquisitions & Dispositions of Assets within Plan Year

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TOTAL FUND MINUS RMI - ALCG00011000

01/01/2024 - 12/31/2024

TOTAL FUND MINUS RMI

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38141GB37	GOLDMAN SACHS GROUP INC/THE VAR RT 07/23/2035 DD 07/23/24	240,000.000	(240,011.50)	246,338.80
38141GXA7	GOLDMAN SACHS GROUP INC/THE VAR RT 04/23/2039 DD 04/23/18	15,000.000	(13,120.35)	13,339.50
39541EAE3	GREENSAIF PIPELINES BIDCO 144A 6.103% 08/23/2042 DD 07/31/24	200,000.000	(200,000.00)	202,540.00
404119CL1	HCA INC 4.625% 03/15/2052 DD 03/15/23	45,000.000	(38,150.25)	37,329.55
438516CS3	HONEYWELL INTERNATIONAL INC 5.000% 03/01/2035 DD 03/01/24	60,000.000	(60,138.50)	61,606.80
438516CT1	HONEYWELL INTERNATIONAL INC 5.250% 03/01/2054 DD 03/01/24	90,000.000	(89,797.50)	90,804.00
438516CU8	HONEYWELL INTERNATIONAL INC 5.350% 03/01/2064 DD 03/01/24	30,000.000	(29,926.20)	29,586.90
455434BW9	INDIANAPOLIS POWER & LIGH 144A 5.700% 04/01/2054 DD 03/18/24	45,000.000	(44,870.40)	46,369.50
455780CR5	INDONESIA GOVERNMENT INTERNATI 3.500% 02/14/2050 DD 01/14/20	25,000.000	(18,625.00)	19,137.50
455780DX1	INDONESIA GOVERNMENT INTERNATI 4.750% 09/10/2034 DD 09/10/24	80,000.000	(79,980.80)	79,528.80
458140AV2	INTEL CORP 4.100% 05/19/2046 DD 05/19/16	10,000.000	(7,857.30)	7,733.60
458140AY6	INTEL CORP 4.100% 05/11/2047 DD 05/11/17	20,000.000	(15,422.40)	15,335.80
458140CK4	INTEL CORP 5.900% 02/10/2063 DD 02/10/23	20,000.000	(20,074.20)	19,549.80
458140CL2	INTEL CORP 5.150% 02/21/2034 DD 02/21/24	83,000.000	(83,783.52)	81,500.38
458140CM0	INTEL CORP 5.600% 02/21/2054 DD 02/21/24	50,000.000	(49,369.45)	47,564.50
459200KC4	INTERNATIONAL BUSINESS MACHINE 4.250% 05/15/2049 DD 05/15/19	15,000.000	(12,927.15)	12,915.60
461070AV6	INTERSTATE POWER AND LIGHT CO 4.950% 09/30/2034 DD 09/06/24	10,000.000	(9,979.20)	10,037.00
461070AW4	INTERSTATE POWER AND LIGHT CO 5.450% 09/30/2054 DD 09/06/24	10,000.000	(9,961.30)	10,240.80
46514BRM1	ISRAEL GOVERNMENT INTERNATIONA 5.750% 03/12/2054 DD 03/12/24	345,000.000	(316,532.25)	319,149.20
46647PAJ5	JPMORGAN CHASE & CO VAR RT 07/24/2038 DD 07/24/17	20,000.000	(17,711.60)	17,382.50
46647PBN5	JPMORGAN CHASE & CO VAR RT 04/22/2051 DD 04/22/20	55,000.000	(38,193.20)	38,895.40
46647PCE4	JPMORGAN CHASE & CO VAR RT 04/22/2052 DD 04/22/21	10,000.000	(7,087.10)	7,112.80
46647PEC6	JPMORGAN CHASE & CO VAR RT 01/23/2035 DD 01/23/24	45,000.000	(45,000.00)	45,656.55
46647PEH5	JPMORGAN CHASE & CO VAR RT 04/22/2035 DD 04/22/24	40,000.000	(40,012.80)	42,091.60
46647PEK8	JPMORGAN CHASE & CO VAR RT 07/22/2035 DD 07/22/24	45,000.000	(45,000.00)	45,182.70
479281AA5	JOHNSONVILLE AERODERIVATIVE CO 5.078% 10/01/2054 DD 10/02/24	35,000.000	(35,000.00)	34,793.85
482480AP5	KLA CORP 4.700% 02/01/2034 DD 02/01/24	45,000.000	(44,726.85)	42,824.98
49177JAM4	KENVUE INC 5.100% 03/22/2043 DD 09/22/23	15,000.000	(15,067.20)	15,024.30
50077LAZ9	KRAFT HEINZ FOODS CO 4.875% 10/01/2049 DD 10/01/20	50,000.000	(44,288.65)	46,179.00
574205JJ0	MARYLAND ST ECON DEV CORP 5.433% 05/31/2056 DD 08/20/24	30,000.000	(30,000.00)	29,980.20
57421CAV6	MARYLAND ST HLTH & HGR EDUCTNL 3.052% 07/01/2040 DD 07/22/20	5,000.000	(3,905.00)	3,842.75
575634AS9	MASSACHUSETTS ELECTRIC CO 144A 5.900% 11/15/2039 DD 11/18/09	25,000.000	(25,695.85)	25,820.00
575634AV2	MASSACHUSETTS ELECTRIC CO 144A 5.867% 02/26/2054 DD 02/26/24	35,000.000	(35,000.00)	35,665.90
576000KV4	MASSACHUSETTS ST SCH BLDG AUTH 5.715% 08/15/2039 DD 12/22/09	10,000.000	(10,299.40)	10,485.00
594918BU7	MICROSOFT CORP 3.950% 08/08/2056 DD 08/08/16	10,000.000	(8,105.60)	8,645.10
594918CA0	MICROSOFT CORP 4.250% 02/06/2047 DD 02/06/17	10,000.000	(9,214.70)	9,028.40
594918CK8	MICROSOFT CORP 144A 4.500% 06/15/2047 DD 06/15/23	15,000.000	(14,159.40)	13,721.70
594918CU6	MICROSOFT CORP 4.500% 06/15/2047 DD 12/15/23	10,000.000	(9,514.00)	9,649.30
594918CW2	MICROSOFT CORP 2.500% 09/15/2050 DD 03/15/24	35,000.000	(21,729.15)	23,075.50



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01/01/2024 - 12/31/2024

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606822DF8	MITSUBISHI UFJ FINANCIAL GROUP VAR RT 04/17/2035 DD 04/17/24	60,000.000	(58,458.00)	61,179.25
6174468N2	MORGAN STANLEY VAR RT 03/24/2051 DD 03/24/20	35,000.000	(35,274.40)	37,420.60
6174468Y8	MORGAN STANLEY VAR RT 01/25/2052 DD 01/25/21	30,000.000	(19,484.50)	18,861.00
61747YFL4	MORGAN STANLEY VAR RT 01/18/2035 DD 01/18/24	90,000.000	(90,000.00)	90,666.00
61747YFM2	MORGAN STANLEY VAR RT 02/07/2039 DD 02/07/24	50,000.000	(50,000.00)	51,941.10
61747YFR1	MORGAN STANLEY VAR RT 04/19/2035 DD 04/19/24	60,000.000	(60,000.00)	60,053.40
61747YFT7	MORGAN STANLEY VAR RT 07/19/2035 DD 07/19/24	75,000.000	(75,346.40)	76,090.35
628312AE0	MUTUAL OF OMAHA INSURANCE 144A VAR RT 01/16/2064 DD 01/16/24	10,000.000	(10,000.00)	10,456.10
631005BC8	NARRAGANSETT ELECTRIC CO/ 144A 5.638% 03/15/2040 DD 03/22/10	15,000.000	(14,792.40)	15,229.65
64105MAD3	NESTLE CAPITAL CORP 144A 5.100% 03/12/2054 DD 03/12/24	55,000.000	(53,690.25)	56,350.15
641062AN4	NESTLE HOLDINGS INC 144A 4.000% 09/24/2048 DD 09/24/18	15,000.000	(12,806.10)	12,792.45
641062BE3	NESTLE HOLDINGS INC 144A 4.700% 01/15/2053 DD 09/13/22	10,000.000	(9,798.30)	9,494.40
64110LAZ9	NETFLIX INC 4.900% 08/15/2034 DD 08/01/24	15,000.000	(14,942.10)	15,399.45
64110LBA3	NETFLIX INC 5.400% 08/15/2054 DD 08/01/24	60,000.000	(59,974.30)	63,020.80
64966SHM1	NEW YORK NY 5.094% 10/01/2049 DD 10/16/24	40,000.000	(40,000.00)	40,460.20
64966SHN9	NEW YORK NY 5.114% 10/01/2054 DD 10/16/24	20,000.000	(20,000.00)	20,313.20
64972FL20	NEW YORK CITY NY MUNI WTR FIN 6.011% 06/15/2042 DD 03/18/10	15,000.000	(16,483.70)	15,977.25
649840CW3	NEW YORK STATE ELECTRIC & 144A 5.300% 08/15/2034 DD 08/06/24	25,000.000	(24,938.00)	25,323.00
665772CU1	NORTHERN STATES POWER CO/MN 3.200% 04/01/2052 DD 03/30/21	15,000.000	(10,146.30)	10,928.85
665772CV9	NORTHERN STATES POWER CO/MN 4.500% 06/01/2052 DD 05/09/22	15,000.000	(12,479.55)	13,523.70
67080LAD7	NUVEEN LLC 144A 5.850% 04/15/2034 DD 04/11/24	15,000.000	(14,979.60)	15,073.65
677050AQ9	OGLETHORPE POWER CORP 3.750% 08/01/2050 DD 02/01/21	15,000.000	(10,924.80)	11,259.45
68233JCD4	ONCOR ELECTRIC DELIVERY CO LLC 2.700% 11/15/2051 DD 11/16/21	25,000.000	(16,065.25)	15,899.00
68233JCM4	ONCOR ELECTRIC DELIVERY CO LLC 4.950% 09/15/2052 DD 09/08/22	55,000.000	(50,657.77)	52,178.45
68233JCT9	ONCOR ELECTRIC DELIVERY C 144A 5.550% 06/15/2054 DD 06/21/24	135,000.000	(135,012.70)	141,024.40
693304AS6	PECO ENERGY CO 4.150% 10/01/2044 DD 09/15/14	30,000.000	(25,115.70)	26,190.60
693304BG1	PECO ENERGY CO 5.250% 09/15/2054 DD 09/10/24	40,000.000	(39,903.60)	40,526.80
693475BW4	PNC FINANCIAL SERVICES GROUP I VAR RT 01/22/2035 DD 01/22/24	60,000.000	(60,000.00)	60,603.90
693475BZ7	PNC FINANCIAL SERVICES GROUP I VAR RT 07/23/2035 DD 07/23/24	60,000.000	(60,000.00)	61,499.40
698299BB9	PANAMA GOVERNMENT INTERNATIONA 4.300% 04/29/2053 DD 04/29/13	10,000.000	(6,460.00)	6,789.80
70450YAQ6	PAYPAL HOLDINGS INC 5.500% 06/01/2054 DD 05/28/24	20,000.000	(20,845.20)	20,684.10
713448DD7	PEPSICO INC 4.450% 04/14/2046 DD 10/14/15	5,000.000	(4,732.35)	4,613.60
713448EP9	PEPSICO INC 2.875% 10/15/2049 DD 10/09/19	30,000.000	(21,006.90)	20,927.90
713448FG8	PEPSICO INC 2.750% 10/21/2051 DD 10/21/21	15,000.000	(9,893.25)	9,741.15
713448FN3	PEPSICO INC 4.200% 07/18/2052 DD 07/18/22	15,000.000	(13,397.10)	13,054.20
713448FZ6	PEPSICO INC 5.250% 07/17/2054 DD 07/17/24	75,000.000	(74,808.75)	77,742.70
713466AD2	PEPSICO SINGAPORE FINANCING I 4.700% 02/16/2034 DD 02/16/24	25,000.000	(24,579.50)	25,579.50
715638DQ2	PERUVIAN GOVERNMENT INTERNATIO 2.780% 12/01/2060 DD 12/01/20	70,000.000	(39,205.00)	40,082.00
715638DU3	PERUVIAN GOVERNMENT INTERNATIO 3.000% 01/15/2034 DD 11/02/21	45,000.000	(35,727.50)	36,527.75



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01/01/2024 - 12/31/2024

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715638EB4	PERUVIAN GOVERNMENT INTERNATIO 5.375% 02/08/2035 DD 08/08/24	40,000.000	(40,282.25)	39,978.00
715638EC2	PERUVIAN GOVERNMENT INTERNATIO 5.875% 08/08/2054 DD 08/08/24	55,000.000	(55,264.15)	55,611.60
71710TAH1	PG&E RECOVERY FUNDING LLC 5.231% 06/01/2042 DD 08/01/24	35,000.000	(34,999.92)	36,170.05
71710TAJ7	PG&E RECOVERY FUNDING LLC 5.529% 06/01/2051 DD 08/01/24	35,000.000	(34,998.68)	36,471.40
718286DA2	PHILIPPINE GOVERNMENT INTERNAT 5.250% 05/14/2034 DD 05/14/24	205,000.000	(204,795.00)	212,025.35
718286DB0	PHILIPPINE GOVERNMENT INTERNAT 5.600% 05/14/2049 DD 05/14/24	5,000.000	(5,028.50)	5,286.95
718286DD6	PHILIPPINE GOVERNMENT INTERNAT 5.175% 09/05/2049 DD 09/05/24	115,000.000	(114,473.30)	114,419.15
718547AP7	PHILLIPS 66 CO 4.900% 10/01/2046 DD 04/01/23	30,000.000	(26,604.90)	27,139.50
72650RBA9	PLAINS ALL AMERICAN PIPELINE L 5.150% 06/01/2042 DD 03/22/12	15,000.000	(13,254.30)	14,059.05
731011AY8	REPUBLIC OF POLAND GOVERNMENT 5.125% 09/18/2034 DD 03/18/24	85,000.000	(83,955.35)	85,551.50
731011AZ5	REPUBLIC OF POLAND GOVERNMENT 5.500% 03/18/2054 DD 03/18/24	140,000.000	(138,438.95)	139,937.00
73358WRQ9	PORT AUTH OF NEW YORK & NEW JE 5.310% 08/01/2046 DD 01/30/14	20,000.000	(19,542.60)	19,665.60
744448DA6	PUBLIC SERVICE CO OF COLORADO 5.750% 05/15/2054 DD 04/04/24	10,000.000	(9,872.00)	9,935.10
745332CN4	PUGET SOUND ENERGY INC 5.685% 06/15/2054 DD 06/11/24	30,000.000	(30,086.25)	31,619.70
749983AB8	RWE FINANCE US LLC 144A 6.250% 04/16/2054 DD 04/16/24	150,000.000	(149,778.00)	155,586.00
75513ECB5	RTX CORP 4.700% 12/15/2041 DD 06/15/20	15,000.000	(13,461.45)	14,061.90
759136QP2	REGL TRANSPRTN DIST CO SALES T 5.844% 11/01/2050 DD 11/23/10	5,000.000	(5,329.45)	5,259.65
760942BG6	ORIENTAL REPUBLIC OF URUGUAY 5.250% 09/10/2060 DD 09/10/24	45,000.000	(44,693.10)	43,280.55
771196CL4	ROCHE HOLDINGS INC 144A 4.985% 03/08/2034 DD 03/08/24	20,000.000	(20,168.60)	19,995.40
771196CM2	ROCHE HOLDINGS INC 144A 5.218% 03/08/2054 DD 03/08/24	35,000.000	(33,736.85)	33,464.35
77586RAU4	ROMANIAN GOVERNMENT INTER 144A 6.375% 01/30/2034 DD 01/30/24	10,000.000	(9,916.40)	10,285.00
776696AJ5	ROPER TECHNOLOGIES INC 4.900% 10/15/2034 DD 08/21/24	40,000.000	(39,806.00)	39,861.60
78081BAL7	ROYALTY PHARMA PLC 3.300% 09/02/2040 DD 03/02/21	20,000.000	(15,572.40)	15,250.00
78081BAS2	ROYALTY PHARMA PLC 5.900% 09/02/2054 DD 06/10/24	15,000.000	(14,642.55)	14,774.40
797400FN3	SAN DIEGO CNTY CA REGL TRANSPR 5.911% 04/01/2048 DD 11/10/10	10,000.000	(10,446.30)	10,435.20
80413TBH1	SAUDI GOVERNMENT INTERNAT 144A 5.750% 01/16/2054 DD 01/16/24	110,000.000	(107,775.00)	108,942.60
806854AM7	SCHLUMBERGER INVESTMENT SA 5.000% 06/01/2034 DD 05/29/24	55,000.000	(54,082.60)	55,905.30
826418BQ7	SIERRA PACIFIC POWER CO 5.900% 03/15/2054 DD 03/15/24	65,000.000	(64,609.00)	69,230.55
83007CAG7	6297782 LLC 144A 6.176% 10/01/2054 DD 08/28/24	30,000.000	(29,997.00)	30,021.30
83272GAB7	SMURFIT KAPPA TREASURY UL 144A 5.777% 04/03/2054 DD 04/03/24	45,000.000	(45,401.85)	46,941.75
83368RBY7	SOCIETE GENERALE SA 144A VAR RT 01/19/2055 DD 01/19/24	45,000.000	(45,300.60)	45,937.80
83444MAG6	SOLVENTUM CORP 144A 5.600% 03/23/2034 DD 02/27/24	90,000.000	(90,334.10)	91,885.60
83444MAJ0	SOLVENTUM CORP 144A 5.900% 04/30/2054 DD 02/27/24	130,000.000	(127,473.60)	131,737.70
83444MAL5	SOLVENTUM CORP 144A 6.000% 05/15/2064 DD 02/27/24	70,000.000	(69,237.70)	70,410.50
845743BQ5	SOUTHWESTERN PUBLIC SERVICE CO 3.400% 08/15/2046 DD 08/12/16	15,000.000	(10,162.05)	11,004.00
845743BX0	SOUTHWESTERN PUBLIC SERVICE CO 6.000% 06/01/2054 DD 06/06/24	20,000.000	(19,943.55)	21,737.10
855244AX7	STARBUCKS CORP 3.350% 03/12/2050 DD 03/12/20	40,000.000	(28,548.15)	28,766.00
857477CH4	STATE STREET CORP VAR RT 12/31/2049 DD 01/31/24	70,000.000	(70,000.00)	71,970.00
857477CM3	STATE STREET CORP VAR RT 12/31/2049 DD 07/24/24	60,000.000	(60,000.00)	61,638.50



5500 Acquisitions & Dispositions of Assets within Plan Year

Report ID: M2574E

Status: FINAL

TOTAL FUND MINUS RMI - ALCG00011000

01/01/2024 - 12/31/2024

TOTAL FUND MINUS RMI

Security ID	Security Description	Shares	Cost of Acquisitions	Proceeds of Dispositions
87264ADB8	T-MOBILE USA INC 5.750% 01/15/2054 DD 05/11/23	20,000.000	(19,738.00)	20,906.20
87264ADD4	T-MOBILE USA INC 6.000% 06/15/2054 DD 09/14/23	35,000.000	(36,389.15)	37,863.00
87264ADF9	T-MOBILE USA INC 5.150% 04/15/2034 DD 01/12/24	25,000.000	(24,913.50)	24,794.25
87264ADM4	T-MOBILE USA INC 4.700% 01/15/2035 DD 09/26/24	30,000.000	(29,955.90)	29,583.90
87264ADN2	T-MOBILE USA INC 5.250% 06/15/2055 DD 09/26/24	50,000.000	(49,890.50)	48,753.00
875127BA9	TAMPA ELECTRIC CO 4.100% 06/15/2042 DD 06/05/12	15,000.000	(13,044.75)	12,912.15
875127BG6	TAMPA ELECTRIC CO 3.625% 06/15/2050 DD 07/24/19	15,000.000	(11,323.20)	11,214.75
882508CJ1	TEXAS INSTRUMENTS INC 5.150% 02/08/2054 DD 02/08/24	45,000.000	(44,709.40)	45,554.95
89788MAS1	TRUIST FINANCIAL CORP VAR RT 01/24/2035 DD 01/24/24	70,000.000	(70,000.00)	69,765.50
91086QAS7	MEXICO GOVERNMENT INTERNATIONA 6.750% 09/27/2034 DD 09/27/04	40,000.000	(41,880.00)	41,353.00
91086QAZ1	MEXICO GOVERNMENT INTERNATIONA 5.750% 10/12/2110 DD 10/12/10	30,000.000	(25,335.00)	25,315.20
91086QBF4	MEXICO GOVERNMENT INTERNATIONA 4.600% 01/23/2046 DD 01/23/15	130,000.000	(104,184.25)	102,720.80
91087BAD2	MEXICO GOVERNMENT INTERNATIONA 4.600% 02/10/2048 DD 10/10/17	60,000.000	(48,481.00)	46,931.40
91087BAL4	MEXICO GOVERNMENT INTERNATIONA 5.000% 04/27/2051 DD 04/27/20	70,000.000	(58,171.25)	57,457.40
91087BAS9	MEXICO GOVERNMENT INTERNATIONA 4.400% 02/12/2052 DD 01/12/22	65,000.000	(48,048.00)	50,011.00
91087BAZ3	MEXICO GOVERNMENT INTERNATIONA 6.000% 05/07/2036 DD 01/08/24	310,000.000	(309,544.50)	309,265.60
91087BBA7	MEXICO GOVERNMENT INTERNATIONA 6.400% 05/07/2054 DD 01/08/24	160,000.000	(160,949.00)	158,127.40
91159HJR2	US BANCORP VAR RT 01/23/2035 DD 01/23/24	50,000.000	(50,000.00)	50,104.70
92343VGX6	VERIZON COMMUNICATIONS IN 144A 4.780% 02/15/2035 DD 08/09/24	30,000.000	(30,106.70)	29,596.20
925524AX8	PARAMOUNT GLOBAL 6.875% 04/30/2036 DD 04/12/06	10,000.000	(9,255.90)	9,820.00
92857WCA6	VODAFONE GROUP PLC 5.750% 06/28/2054 DD 06/28/24	40,000.000	(39,773.60)	39,177.20
92857WCB4	VODAFONE GROUP PLC 5.875% 06/28/2064 DD 06/28/24	50,000.000	(48,584.00)	50,479.50
95002YAC7	WELLS FARGO & CO VAR RT 12/31/2049 DD 07/23/24	60,000.000	(60,000.00)	60,952.00
98389BBB5	XCEL ENERGY INC 5.500% 03/15/2034 DD 02/29/24	75,000.000	(74,063.45)	78,065.70
99F106F4A	US 10YR ULTRA FUTURE (CBT) EXP JUN 24	1,370.000	0.00	(1,777,511.90)
99F106I4A	US 10YR ULTRA FUTURE (CBT) EXP SEP 24	1,343.000	0.00	6,526,979.84
99F106L4A	US 10YR ULTRA FUTURE (CBT) EXP DEC 24	1,378.000	0.00	(6,958,094.17)
99F133F4A	US LONG BOND FUTURE (CBT) EXP JUN 24	1,077.000	0.00	(1,359,064.67)
99F133I4A	US TREAS BD FUTURE (CBT) EXP SEP 24	1,043.000	0.00	7,196,435.93
99F133L4A	US TREAS BD FUTURE (CBT) EXP DEC 24	1,467.000	0.00	(8,102,729.36)
99F139F4A	US 10YR NOTE FUTURE (CBT) EXP JUN 24	681.000	0.00	(1,150,283.61)
99F139I4A	US 10YR NOTE FUTURE (CBT) EXP SEP 24	726.000	0.00	3,294,843.31
99F139L4A	US 10YR TREAS NTS FUTURE (CBT) EXP DEC 24	693.000	0.00	(2,578,085.30)
99F183F4A	US 5YR NOTE FUTURE (CBT) EXP JUN 24	935.000	0.00	(1,181,722.75)
99F183I4A	US 5YR NOTE FUTURE (CBT) EXP SEP 24	918.000	0.00	2,994,321.03
99F183L4A	US 5YR TREAS NTS FUTURE (CBT) EXP DEC 24	837.000	0.00	(2,298,959.64)
99F217F4A	US 2YR NOTE FUTURE (CBT) EXP JUN 24	319.000	0.00	(552,659.59)
99F217I4A	US 2YR NOTE FUTURE (CBT) EXP SEP 24	322.000	0.00	964,647.73
99F217L4A	US 2YR TREAS NTS FUT (CBT) EXP DEC 24	325.000	0.00	(781,316.43)



5500 Acquisitions & Dispositions of Assets within Plan Year

Report ID: M2574E

Status: FINAL

TOTAL FUND MINUS RMI - ALCG00011000

01/01/2024 - 12/31/2024

TOTAL FUND MINUS RMI

Security ID	Security Description	Shares	Cost of Acquisitions	Proceeds of Dispositions
99F700F4A	US ULTRA BOND (CBT) EXP JUN 24	1,541.000	0.00	(1,766,845.27)
99F700I4A	US ULTRA BOND FUTURE (CBT) EXP SEP 24	1,416.000	0.00	10,624,661.74
99F700L4A	US ULTRA BOND FUTURE (CBT) EXP DEC 24	1,456.000	0.00	(13,523,947.13)

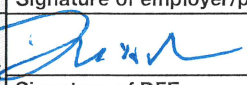
Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210 - 0110 1210 - 0089 2024 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.)
B	This return/report is: ☐ a single-employer plan ☒ a DFE (specify) M ☐ 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 HOWMET AEROSPACE RETIREMENT PLANS MASTER TRUST
1b	Three-digit plan number (PN) ▶ 038
1c	Effective date of plan
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) HOWMET AEROSPACE INC. 201 ISABELLA STREET, SUITE 200 PITTSBURGH PA 15212-5858
2b	Employer Identification Number (EIN) 25-0317820
2c	Plan Sponsor's telephone number 412-553-4545
2d	Business code (see instructions)

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			
	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		10/15/25	DAVID ADAMS
	Signature of DFE	Date	Enter name of individual signing as DFE

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:	4b EIN
a Sponsor's name c Plan Name	4d PN

5 Total number of participants at the beginning of the plan year	5	
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)	
a (2) Total number of active participants at the end of the plan year	6a(2)	
b Retired or separated participants receiving benefits	6b	
c Other retired or separated participants entitled to future benefits	6c	
d Subtotal. Add lines 6a(2), 6b, and 6c	6d	
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits	6e	
f Total. Add lines 6d and 6e	6f	
g (1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item)	6g(1)	
(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	6g(2)	
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6h	
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:

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)	9b Plan benefit arrangement (check all that apply)
(1) ☐ Insurance	(1) ☐ Insurance
(2) ☐ Code section 412(e)(3) insurance contracts	(2) ☐ Code section 412(e)(3) insurance contracts
(3) ☐ Trust	(3) ☐ Trust
(4) ☐ General assets of the sponsor	(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
(4) ☐ **DCG** (Individual Plan Information) - Number Attached ____
(5) ☐ **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

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



Schedule H, Line 4(j) - Schedule of Reportable Transactions
EIN: 25-0317820 Plan Number: 038
Single Transactions in Excess of Five Percent of Plan Assets

Report ID: T6400

Status: FINAL

TOTAL FUND MINUS RMI - ALCG00011000

01/01/2024 - 12/31/2024

TOTAL FUND MINUS RMI

	Security ID	Security Description	Tran Code	Shares	Transaction Expense	Cost of Acquisitions	Proceeds of Dispositions	Cost of Assets Disposed	Gain/Loss
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5% VALUE : 38,767,406.84

*** NO ACTIVITY FOR THIS PERIOD ***



Series of Transactions in Excess of Five Percent of Plan Assets

Report ID: T6500

Status: FINAL

TOTAL FUND MINUS RMI - ALCG00011000

01/01/2024 - 12/31/2024

TOTAL FUND MINUS RMI

Tran Count	Security ID	Security Description	Shares	Cost of Acquisitions	Proceeds of Dispositions	Cost of Assets Disposed	Gain/Loss
5% VALUE :		38,767,406.84					
237	912810TV0	U S TREASURY BOND 4.750% 11/15/2053 DD 11/15/23	28,621,000.000	30,230,747.20	0.00	0.00	0.00
230	912810TV0	U S TREASURY BOND 4.750% 11/15/2053 DD 11/15/23	28,621,000.000	0.00	30,274,372.12	30,230,747.20	43,624.92
117	912810UA4	U S TREASURY BOND 4.625% 05/15/2054 DD 05/15/24	26,128,000.000	0.00	27,240,010.73	27,704,806.11	(464,795.38)
171	912810UA4	U S TREASURY BOND 4.625% 05/15/2054 DD 05/15/24	26,128,000.000	27,704,806.11	0.00	0.00	0.00
87	912810UB2	U S TREASURY BOND 4.625% 05/15/2044 DD 05/15/24	38,595,000.000	39,283,169.88	0.00	0.00	0.00
90	912810UB2	U S TREASURY BOND 4.625% 05/15/2044 DD 05/15/24	20,335,000.000	0.00	21,121,040.24	20,680,522.75	440,517.49
24	912810UD8	U S TREASURY BOND 4.125% 08/15/2044 DD 08/15/24	54,476,000.000	0.00	51,367,719.43	53,239,670.75	(1,871,951.32)
52	912810UD8	U S TREASURY BOND 4.125% 08/15/2044 DD 08/15/24	54,476,000.000	53,239,670.75	0.00	0.00	0.00
2	912810UF3	U S TREASURY BOND 4.625% 11/15/2044 DD 11/15/24	40,940,000.000	41,242,917.32	0.00	0.00	0.00
565	996084794	EB TEMP INV FD VAR RT 12/31/49 FEE CL 10	588,844,200.780	588,844,200.78	0.00	0.00	0.00
354	996084794	EB TEMP INV FD VAR RT 12/31/49 FEE CL 10	587,297,672.320	0.00	587,297,672.32	587,297,672.32	0.00
112	996087094	BNY MELLON CASH RESERVE 0.100% 12/31/2049 DD 06/26/97	38,523,599.190	38,523,599.19	0.00	0.00	0.00
110	996087094	BNY MELLON CASH RESERVE 0.100% 12/31/2049 DD 06/26/97	38,511,539.700	0.00	38,511,539.70	38,511,539.70	0.00