

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 2023 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
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) _____ ☐ 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 MECHANICAL DYNAMICS & ANALYSIS LLC 401(K) PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 01/01/1987
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) MECHANICAL DYNAMICS & ANALYSIS LLC 25 BRITISH AMERICAN BOULEVARD LATHAM, NY 12110
2b	Employer Identification Number (EIN) 20-3400458
2c	Plan Sponsor's telephone number 518-399-3616
2d	Business code (see instructions) 541330

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.	10/11/2024	KRISTIN ESTERBY
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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	5 688
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) 554 6a(2) 589 6b 9 6c 126 6d 724 6e 1 6f 725 6g(1) 612 6g(2) 711 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:

2E 2F 2G 2J 2K 2R 2S 2T 3D 3H

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

9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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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 0
- (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 2023 Form M-1 annual report. If the plan was not required to file the 2023 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
		2023
		This Form is Open to Public Inspection.

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan MECHANICAL DYNAMICS & ANALYSIS LLC 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 MECHANICAL DYNAMICS & ANALYSIS LLC	D Employer Identification Number (EIN) 20-3400458	

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
FIDELITY INVESTMENTS INSTITUTIONAL
04-2647786

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

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

STRATEGIC ADVISORS, INC.

04-2654524

(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?
27	ADVISOR	37127	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(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?
37 60 64 65 71	RECORDKEEPER	-25500	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 ☐

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
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(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.	
GS SM CP VAL INS I - GOLDMAN SACHS 13-5108880	0.12%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(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.	
MFS MID CAP GRTH R4 - MFS SERVICE 04-2865649	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(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.	
BNY MELLON NATURAL RESOURCES A 144 GLENN CURTISS BLVD 8TH FL UNIONDALE, NY 11556	0.40%	

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
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(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.
BLACKROCK NATURAL RESOURCES TR CL 40 EAST 52ND ST NEW YORK, NY 10022	0.40%

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(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.
VICTORY GLOBAL ENERGY TRANSITION A CL 4900 TIEDEMAN RD 4TH FL BROOKLYN, OH 44114	0.40%

(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 2023 This Form is Open to Public Inspection.	
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023					
A Name of plan MECHANICAL DYNAMICS & ANALYSIS LLC 401(K) PLAN				B Three-digit plan number (PN) ▶ 001	
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 MECHANICAL DYNAMICS & ANALYSIS LLC				D Employer Identification Number (EIN) 20-3400458	
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)					
a Name of MTIA, CCT, PSA, or 103-12 IE: MIP CL 2					
b Name of sponsor of entity listed in (a): FIDELITY MANAGEMENT TRUST COMPANY					
c EIN-PN 04-3022712-024		d Entity code C		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1039827	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA,	

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

Part II Information on Participating Plans (to be completed by DFEs, 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**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

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
		2023
		This Form is Open to Public Inspection

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan MECHANICAL DYNAMICS & ANALYSIS LLC 401(K) PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 MECHANICAL DYNAMICS & ANALYSIS LLC	D Employer Identification Number (EIN) 20-3400458	

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	794	4084
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	0	0
(2) Participant contributions	1b(2)	0	0
(3) Other	1b(3)	0	0
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	2736046	4080780
(2) U.S. Government securities	1c(2)	0	24782
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	0
(B) All other	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	12793
(B) Common	1c(4)(B)	2147783	2457747
(5) Partnership/joint venture interests	1c(5)	0	0
(6) Real estate (other than employer real property)	1c(6)	0	0
(7) Loans (other than to participants)	1c(7)	0	0
(8) Participant loans	1c(8)	1368580	1607271
(9) Value of interest in common/collective trusts	1c(9)	1115334	1039827
(10) Value of interest in pooled separate accounts	1c(10)	0	0
(11) Value of interest in master trust investment accounts	1c(11)	0	0
(12) Value of interest in 103-12 investment entities	1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	75730194	94796746
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	0	0
(15) Other	1c(15)	0	6734

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	0	0
(2) Employer real property	1d(2)	0	0
e Buildings and other property used in plan operation	1e	0	0
f Total assets (add all amounts in lines 1a through 1e)	1f	83098731	104030764
Liabilities			
g Benefit claims payable	1g	0	0
h Operating payables	1h	0	0
i Acquisition indebtedness	1i	0	0
j Other liabilities	1j	0	1202
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	1202
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	83098731	104029562

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)	3254973	
(B) Participants	2a(1)(B)	6717237	
(C) Others (including rollovers)	2a(1)(C)	616056	
(2) Noncash contributions	2a(2)	0	
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		10588266
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	158278	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)	0	
(E) Participant loans	2b(1)(E)	91761	
(F) Other	2b(1)(F)	0	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		250039
(2) Dividends: (A) Preferred stock	2b(2)(A)	0	
(B) Common stock	2b(2)(B)	49472	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	1845122	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		1894594
(3) Rents	2b(3)		0
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	4870267	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	4705465	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		164802
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	0	
(B) Other	2b(5)(B)	301816	
(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)		38999
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		14672223
c Other income	2c		85536
d Total income. Add all income amounts in column (b) and enter total	2d		27996275

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	6968204	
(2) To insurance carriers for the provision of benefits.....	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		6968204
f Corrective distributions (see instructions)	2f		593
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		0
i Administrative expenses:			
(1) Salaries and allowances	2i(1)	0	
(2) Contract administrator fees.....	2i(2)	300	
(3) Recordkeeping fees.....	2i(3)	59220	
(4) IQPA audit fees.....	2i(4)	0	
(5) Investment advisory and investment management fees	2i(5)	37127	
(6) Bank or trust company trustee/custodial fees	2i(6)	0	
(7) Actuarial fees	2i(7)	0	
(8) Legal fees	2i(8)	0	
(9) Valuation/appraisal fees	2i(9)	0	
(10) Other trustee fees and expenses	2i(10)	0	
(11) Other expenses	2i(11)	0	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		96647
j Total expenses. Add all expense amounts in column (b) and enter total	2j		7065444

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		20930831
l Transfers of assets:			
(1) To this plan	2l(1)		0
(2) From this plan	2l(2)		0

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: **MENGEL, METZGER, BARR & CO. LLP**

(2) EIN: **16-1092347**

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.)		☒	
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.)		☒	
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.)		☒	
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.)		☒	
e Was this plan covered by a fidelity bond?	☒		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		☒	
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?		☒	
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?		☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒		
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.)		☒	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		☒	
l Has the plan failed to provide any benefit when due under the plan?		☒	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		☒	
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.		☒	

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 R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan MECHANICAL DYNAMICS & ANALYSIS LLC 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 MECHANICAL DYNAMICS & ANALYSIS LLC	D Employer Identification Number (EIN) 20-3400458	

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

1	Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	
2	Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 04-6568107	
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3	Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	

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

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

Part III	Amendments
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9	If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.	☐ Increase	☐ Decrease	☐ Both	☐ No
---	--	-----------------------------------	-----------------------------------	-------------------------------	-----------------------------

Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
---------	--

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

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:		
a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment)	14a	
b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b	
c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14c	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
a The corresponding number for the plan year immediately preceding the current plan year	15a	
b The corresponding number for the second preceding plan year	15b	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:		
a Enter the number of employers who withdrew during the preceding plan year	16a	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b	

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

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

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

19 If the total number of participants is 1,000 or more, complete lines (a) and (b):

a Enter the percentage of plan assets held as:

Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____%

High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____%

b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets:

☐ 0-5 years ☐ 5-10 years ☐ 10-15 years ☐ 15 years or more

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

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

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

☐ Yes.

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

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

☐ No. Other. Provide explanation. _____

Part VII	IRS Compliance Questions
-----------------	---------------------------------

21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? ☒ Yes ☐ No

21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).

☐ Design-based safe harbor method

☒ "Prior year" ADP test

☐ "Current year" ADP test

☐ N/A

22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter 06 / 30 / 2020 (MM/DD/YYYY) and the Opinion Letter serial number Q702438A.

MECHANICAL DYNAMICS & ANALYSIS LLC 401(k) PLAN

AUDITED FINANCIAL STATEMENTS

SUPPLEMENTAL SCHEDULE

AND

INDEPENDENT AUDITOR'S REPORT

DECEMBER 31, 2023 AND 2022

MECHANICAL DYNAMICS & ANALYSIS LLC 401(k) PLAN

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BUSINESS
ADVISORS
AND CPAS

INDEPENDENT AUDITOR'S REPORT

To the Trustees and Plan Administrator
Mechanical Dynamics & Analysis LLC 401(k) Plan

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

We have performed audits of the financial statements of Mechanical Dynamics & Analysis LLC 401(k) Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) [ERISA Section 103(a)(3)(C) audit]. The financial statements comprise the statements of net assets available for benefits as of December 31, 2023 and 2022, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of Mechanical Dynamics & Analysis LLC 401(k) Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of and for the years ended December 31, 2023 and 2022, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

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

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

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of Mechanical Dynamics & Analysis LLC 401(k) Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

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

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Mechanical Dynamics & Analysis LLC 401(k) Plan's ability to continue as a going concern for one year after the date the financial statements are available to be issued.

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

Auditor's Responsibilities for the Audit of the Financial Statements

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

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Mechanical Dynamics & Analysis LLC 401(k) Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Mechanical Dynamics & Analysis LLC 401(k) Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

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

Other Matter - Supplemental Schedule Required by ERISA

The supplemental schedule of assets (held at end of year) as of December 31, 2023, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion -

- the form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

- the information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Mengel, Metzger, Barw & Co. LLP

Latham, New York
October 7, 2024

**MECHANICAL DYNAMICS & ANALYSIS LLC 401(k) PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
DECEMBER 31, 2023 AND 2022**

	<u>2023</u>	<u>2022</u>
ASSETS		
Investments		
Investments at fair value (Note 3 and 4)	\$ 101,382,464	\$ 80,614,817
Investments at contract value (Note 3 and 8)	<u>1,102,596</u>	<u>1,196,075</u>
Total Investments	<u>102,485,060</u>	<u>81,810,892</u>
Receivables		
Employer contributions	389,498	240,862
Notes receivable from participants	<u>1,607,271</u>	<u>1,368,580</u>
Total Receivables	<u>1,996,769</u>	<u>1,609,442</u>
Net Assets Available for Benefits	<u><u>\$ 104,481,829</u></u>	<u><u>\$ 83,420,334</u></u>

MECHANICAL DYNAMICS & ANALYSIS LLC 401(k) PLAN
STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
FOR THE YEARS ENDED DECEMBER 31, 2023 AND 2022

	<u>2023</u>	<u>2022</u>
Additions to Net Assets Attributed to:		
Investment Income (Loss)		
Dividends and interest	\$ 1,898,026	\$ 4,248,244
Net appreciation (depreciation) in fair value of investments	15,314,713	(23,874,376)
Total investment income (loss)	<u>17,212,739</u>	<u>(19,626,132)</u>
Interest income on notes receivable from participants	<u>91,761</u>	<u>62,247</u>
Contributions		
Participants	6,717,237	5,802,321
Employer	3,403,609	2,375,246
Rollover	616,056	666,484
Total Contributions	<u>10,736,902</u>	<u>8,844,051</u>
Revenue Sharing Fees	<u>85,536</u>	<u>82,333</u>
Total Additions	<u>28,126,938</u>	<u>(10,637,501)</u>
Deductions from Net Assets Attributed to:		
Benefits paid to participants	6,968,796	7,650,858
Administrative expenses and participant transaction fees	96,647	114,537
Total Deductions	<u>7,065,443</u>	<u>7,765,395</u>
Net Increase (Decrease) in Net Assets Available for Benefits, Before Plan Transfers	<u>21,061,495</u>	<u>(18,402,896)</u>
Plan transfers to this Plan	<u>-</u>	<u>856,875</u>
Net Increase (Decrease) in Net Assets Available for Benefits	21,061,495	(17,546,021)
Net Assets Available for Benefits, Beginning	<u>83,420,334</u>	<u>100,966,355</u>
Net Assets Available for Benefits, Ending	<u><u>\$ 104,481,829</u></u>	<u><u>\$ 83,420,334</u></u>

See accompanying notes to financial statements.

MECHANICAL DYNAMICS & ANALYSIS LLC 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022

Note 1: Description of Plan

The following description of Mechanical Dynamics & Analysis LLC 401(k) Plan (the Plan) provides only general information. Participants should refer to the plan document for a more complete description of the Plan's provisions.

General - The Plan is a defined contribution 401(k) plan covering all eligible employees of Mechanical Dynamics & Analysis, LLC (the Company), including three affiliated groups. Prior to January 1, 2023, employees who have worked for the Company or one of its affiliated groups for six months and 1,000 hours are eligible to participate in the Plan. Employees are also eligible for the Company's matching contribution once they have met the age and service requirements outlined in the plan document. Effective January 1, 2023 when the plan document was amended, the service requirement for employee deferrals and the Company's matching contribution was changed to three months of service with no minimum hours requirement. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Contributions - Participants can contribute 100% of compensation subject to the maximum amount allowed by Internal Revenue Code limitations. Eligible employees who have attained age fifty before the close of the plan year shall be eligible to make catch-up contributions in accordance with Internal Revenue Code provisions. Participants may also contribute amounts representing distributions from other qualified plans. The Company matches 100% of the eligible participants' contributions to the extent of 5% of each participant's compensation. In accordance with the provisions of the Plan, each participant has the right to direct the investment of their contributions, the Company's contributions, and any rollover/transfers, if applicable, into the Plan.

Investment Options - The Plan's provisions allow participants to make their own investment elections by contacting the investment manager or via their online account with Fidelity. A participant may direct the investment of their contributions, the Company's contributions, and any rollover/transfers, if applicable, to any of the registered investment companies (mutual funds), money market funds, commingled fund, or self-directed brokerage investment options offered by the Plan.

Participant accounts - Each participant's account is credited or charged, as applicable, with the participant's contribution, allocations of the Company's contributions, transfers, earnings (losses), payments, forfeitures, withdrawals, or other distributions made to or from such accounts during the period. Allocations are based on participant earnings or account balances in accordance with terms of the plan document. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting - Participants are immediately vested in their voluntary contributions, and effective January 1, 2023, the Company's matching contributions plus actual earnings thereon. A participant's vested interest in the Company's nonelective employer contribution account of the Plan is based on years of continuing service as follows:

<u>Years of Service</u>	<u>Percent Vested</u>
Less than 2	0%
2	20%
3	40%
4	60%
5	80%
6 or more	100%

MECHANICAL DYNAMICS & ANALYSIS LLC 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022

Note 1: Description of Plan (continued)

Payment of benefits - On termination of service or separation of service, due to death, disability, or retirement, a participant or their beneficiary will be entitled to receive a distribution of their total vested account balance. Benefits will be paid in accordance with the terms of the plan document.

Plan termination - Although it has not expressed any intention to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA. In the event the Plan terminates, each participant's account will become fully vested and be distributed in accordance with the plan document.

Notes Receivable from Participants - Participants may borrow from their accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance reduced by the current outstanding balance on any notes receivable outstanding. The loans are secured by the balance in the participant's account. All notes bear a reasonable rate of interest as determined by the plan administrator based on prevailing interest rates charged by persons in the business of lending money for loans which would be made under similar circumstances. Notes are required to be repaid in level payments of principal and interest over a term ranging from one to five years. However, notes used to acquire a principal residence may be paid over a term that exceeds five years but not more than ten years.

Forfeitures - At December 31, 2023 and 2022, forfeited non-vested accounts amounted to \$77 and \$15,570, respectively. Forfeitures may be used to reinstate previously forfeited account balances of former participants, if any, or applied to reduce employer contributions or pay plan expenses. For the years ended December 31, 2023 and 2022, no forfeitures were used to pay plan expenses; however forfeitures, which include earnings, were used to reduce employer contributions in the amounts of \$17,289 and \$96,115, respectively.

Note 2: Summary of Significant Accounting Policies

Basis of Accounting - The accompanying financial statements of the Plan are prepared on the accrual basis of accounting.

Investment Valuation and Income Recognition - The Plan's investments are reported at fair value (except for the fully benefit-responsive investment contract, which is reported at contract value). Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. See Note 4 for discussion of fair value measurements.

Investment income recognized by the Plan includes earnings from investments, net gains (losses) realized from sale of investments, and the net changes in the unrealized appreciation (depreciation) of investments. Purchases and sales of securities are recorded on a trade-date basis. Dividends are recorded on the ex-dividend date.

Notes Receivable from Participants - Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income on notes receivable from participants is recognized by the Plan in the period in which it is earned based on the outstanding principal balance times the stated interest rate at the date the note receivable originated. Delinquent participant notes are reclassified as deemed distributions based upon the terms of the plan document.

MECHANICAL DYNAMICS & ANALYSIS LLC 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022

Note 2: Summary of Significant Accounting Policies (continued)

Income taxes - The Plan has adopted a prototype plan through Fidelity Management Trust Company which has an opinion letter dated June 30, 2020, in which the Internal Revenue Service stated that the Plan, as then designed, was in compliance with the applicable requirements of the Internal Revenue Code. The Plan has been amended since receiving the determination letter. However, the Plan Administrator believes that the Plan is designed and is being operated in compliance with the applicable provisions of the Internal Revenue Code. Therefore, they believe that the Plan was qualified, and the related trust was tax-exempt as of the financial statement date.

The Plan is exempt from federal income tax under the Internal Revenue Code. Tax positions are evaluated and recognized in the financial statements when it is more-likely-than-not the position will be sustained upon examination by the Internal Revenue Service or other applicable taxing authorities. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

Estimates - The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires plan management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. The application of these accounting principles involves the exercise of judgment and use of assumptions as to future uncertainties and, as a result, actual results could differ from these estimates. The Plan periodically evaluates estimates and assumptions used in the preparation of the financial statements and makes changes on a prospective basis when adjustments are necessary.

Benefits - Benefits are recorded when paid.

Reclassifications - During the year ended December 31, 2023, plan management reclassified \$82,233 in revenue sharing fees out of administrative expenses and participant transaction fees in the accompanying 2022 statement of changes in net assets available for benefits to correctly classify each of these amounts. This reclassification had no effect on the net increase (decrease) in net assets available for benefits.

Note 3: Information Certified by the Trustee

The plan administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, Fidelity Management Trust Company, the trustee of the Plan, has certified to the completeness and accuracy of the investments and the notes receivable from participants reflected in the accompanying statements of net assets available for benefits as of December 31, 2023 and 2022, and the schedule of assets (held at end of year) as of December 31, 2023, and the related investment and notes receivable activity reflected in the statements of changes in net assets available for benefits for the years ended December 31, 2023 and 2022.

The information certified includes total investments and notes receivable from participants of \$104,092,331 and \$83,179,472, at December 31, 2023 and 2022, respectively, and related investment income (loss) of \$17,212,739 and \$(19,626,132), respectively, and interest on notes receivable from participants of \$91,761 and \$62,247 for the years ended December 31, 2023 and 2022, respectively.

MECHANICAL DYNAMICS & ANALYSIS LLC 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022

Note 4: Fair Value Measurements

Financial Accounting Standards Board Accounting Standards Codification 820, *Fair Value Measurements*, establishes a framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy are described as follows:

- Level 1 - Inputs to the valuation methodology are quoted prices (unadjusted) for identical assets or liabilities in active markets.
- Level 2 - Inputs to the valuation methodology include quoted prices for similar assets and liabilities in active markets and inputs that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the financial instrument.
- Level 3 - Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

The following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used to determine fair value as of December 31, 2023 and 2022.

Registered investment companies (Mutual funds) and the underlying investments of the brokerage link account: Valued at quoted market prices on the last trading day of the plan year.

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

Fair value of assets measured on a recurring basis as of December 31 are as follows:

	<u>Fair Value</u>	<u>(Level 1)</u>
<u>December 31, 2023:</u>		
Registered investment companies (Mutual funds)	\$ 96,024,334	\$ 96,024,334
Brokerage link	<u>5,358,130</u>	<u>5,358,130</u>
Total Investments at Fair Value	<u><u>\$ 101,382,464</u></u>	<u><u>\$ 101,382,464</u></u>

MECHANICAL DYNAMICS & ANALYSIS LLC 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022

Note 4: Fair Value Measurements (continued)

	<u>Fair Value</u>	<u>(Level 1)</u>
<u>December 31, 2022:</u>		
Registered investment companies (Mutual funds)	\$ 76,238,018	\$ 76,238,018
Brokerage link	<u>4,376,799</u>	<u>4,376,799</u>
 Total Investments at Fair Value	 <u>\$ 80,614,817</u>	 <u>\$ 80,614,817</u>

Note 5: Related Parties and Parties-in-Interest

The Plan is sponsored by Mechanical Design & Analysis, LLC. The Plan and the sponsor are considered related parties based upon shared management. The following organizations are considered parties-in-interest based upon services provided to the Plan during the years ended December 31, 2023 and 2022:

Mechanical Design & Analysis, LLC - Plan Sponsor
Marvin and Company, P.C. - Plan Audit Firm (prior to January 1, 2023)
Mengel, Metzger, Barr & Co. LLP (effective January 1, 2023)
Teal Becker & Chiaramonte, CPAs, P.C. - Plan Consultants
Fidelity Management Trust Company - Trustee
Fidelity Investments Institutional - Third Party Administrator/Recordkeeper
Fidelity Investments Company - Investment Advisory Services
Strategic Advisors, Inc. - Investment Advisory Services

Fidelity Investments Institutional provides third-party administrative and recordkeeping services to the Plan. These services are paid for by the Plan and, therefore, qualify as party-in-interest transactions. For the years ended December 31, 2023 and 2022, Fidelity Investments Institutional received fees (net of revenue credits) of (\$25,500) and (\$7,451), respectively, of which \$59,520 and \$74,732, respectively, are included in administrative fees in the accompanying statements of changes in net assets available for benefits and \$516 and \$50, respectively, are included in the net appreciation in fair value of investments. Note 10 discusses revenue sharing fees received during the years ended December 31, 2023 and 2022.

Strategic Advisors, Inc. provides investment advisory services to the Plan for the years ended December 31, 2023 and 2022, respectively. These services are paid for by the Plan and, therefore, qualify as party-in-interest transactions. For the years ended December 31, 2023 and 2022, Strategic Advisors, Inc. received fees of \$37,127 and \$34,105, respectively, which are included in administrative fees in the accompanying statements of changes in net assets available for benefits.

The Company, at its discretion, may pay certain administrative expenses including, but not limited to, consulting, legal, and audit fees of the Plan. During the years ended December 31, 2023 and 2022, the Company paid \$156,684 and \$129,555, respectively, in administrative expenses on behalf of the Plan.

For the years ended December 31, 2023 and 2022, there were no prohibited transactions between either the related parties and the Plan or the parties-in-interest.

MECHANICAL DYNAMICS & ANALYSIS LLC 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022

Note 6: Reconciliation of Financial Statements to Form 5500

The following is a reconciliation of the net assets available for benefits per the financial statements to Form 5500 for the years ended December 31:

	<u>2023</u>	<u>2022</u>
Net assets available for benefits per the financial statements	\$ 104,481,829	\$ 83,420,334
Adjustment for Fidelity Managed Income Portfolio	(62,769)	(80,741)
Adjustment for contributions receivable	<u>(389,498)</u>	<u>(240,862)</u>
Net Assets Available for Benefits per the Form 5500	<u><u>\$ 104,029,562</u></u>	<u><u>\$ 83,098,731</u></u>

The following is a reconciliation of the increase in net assets available for benefits before plan transfers per the financial statements to net income (loss) per the Form 5500 for the years ended December 31:

	<u>2023</u>	<u>2022</u>
Net increase (decrease) in net assets available for benefits, before plan transfers per the financial statements	\$ 21,061,495	\$ (18,402,896)
Adjustment for contributions receivable	(148,636)	(69,162)
Adjustment for Fidelity Managed Income Portfolio	<u>17,972</u>	<u>(91,797)</u>
Net Income (Loss) per the Form 5500	<u><u>\$ 20,930,831</u></u>	<u><u>\$ (18,563,855)</u></u>

Note 7: Risks and Uncertainties

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

Note 8: Commingled Trust Fund with Fidelity Management Trust Company

The Fidelity Managed Income Portfolio fund meets the fully benefit-responsive investment contract criteria and, therefore, is reported at contract value in the accompanying statements of net assets available for benefits. Contract value is the relevant measure for fully benefit-responsive investment contracts because this is the amount received by participants if they were to initiate permitted transactions under the terms of the Plan. Contract value, as reported to the Plan by Fidelity Management Trust Company, represents contributions made under the contract, plus earnings, less participant withdrawals, and administrative expenses. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value.

MECHANICAL DYNAMICS & ANALYSIS LLC 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022

Note 8: Commingled Trust Fund with Fidelity Management Trust Company (continued)

The Plan's ability to receive amounts due is dependent on the issuer's ability to meet its financial obligations. The issuer's ability to meet its contractual obligations may be affected by future economic and regulatory developments. Fidelity Management Trust Company may not terminate the contract at any amount less than the contract value. Certain events limit the ability of the Plan to transact at contract value with the issuer. Such events include the following: (1) amendments to the Plan documents (including complete or partial plan termination or merger with another plan), (2) changes to the Plan's prohibition on competing investment options or deletion of equity wash provisions, (3) bankruptcy of the Sponsor or other Sponsor events (for example, divestitures or spin-offs of a subsidiary that cause a significant withdrawal from the Plan, or (4) the failure of the trust to qualify for exemption from federal income taxes or any required prohibited transaction exemption under ERISA. The plan administrator believes that there are no events that are probable of occurring that would limit the Plan's ability to transact at the contract value with participants.

Note 9: Transfers to this Plan

During the year ended December 31, 2022, 11 employees of MHI Shared Services Americas, Inc. (MSSA/MHI), a related entity of the plan sponsor, had their employer of record changed from MSSA/MHI to the plan sponsor. At the time of their change in employer, their account balances held in the MHI Shared Services Americas, Inc. 401(k) Plan were transferred to this Plan. Transfers into the Plan amounted to \$856,875. This amount is included in the accompanying 2022 statement of changes in net assets available for benefits. There were no similar type transfers during the year ended December 31, 2023.

Note 10: Revenue Credit Account

The Plan has a Revenue Credit Account with Fidelity in which the Plan receives a Participant Revenue Credit (PRC) each quarter for account balances held in both Fidelity and non-Fidelity investment products based on a formula outlined in the agreement between the Plan and Fidelity. Based on the terms of the agreement, Plan assets held in the BrokerageLink portion of the Plan are specifically excluded from the PRC. Amounts received by the Plan are allocated to eligible participants as outlined in the agreement. During the years ended December 31, 2023 and 2022, eligible participants were allocated \$85,536 and \$82,233, respectively. These amounts are included in the accompanying statements of changes in net assets available for benefits. At December 31, 2023 and 2022, the balance in the Revenue Credit Account was \$2,323 and \$1,882, respectively.

Note 11: Subsequent Events

Plan management has evaluated events subsequent to the statement of net assets available for benefits date of December 31, 2023, and through October 7, 2024, which is the date these financial statements were available to be issued and has determined that there are no subsequent events that require recording or disclosure.

MECHANICAL DYNAMICS & ANALYSIS LLC 401(k) PLAN
EMPLOYER IDENTIFICATION NO. 20-3400458
PLAN NO. 001
SUPPLEMENTAL INFORMATION
DECEMBER 31, 2023

SCHEDULE LINE 4i SCHEDULE OF ASSETS (HELD AT END OF YEAR)

(a) Parties -in- Interest	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, <u>par or maturity value</u>	(d) <u>Cost</u>	(e) <u>Current</u> <u>Value</u>
		<u>Common/Collective Funds</u>		
*	Fidelity Investments Institutional	Managed Income Portfolio CL 2	\$ -	\$ 1,102,596
		Total Common/Collective Funds	-	1,102,596
		<u>Registered Investment Companies (Mutual Funds)</u>		
*	Fidelity Investments Institutional	Fidelity 500 Index PR	-	9,125,678
*	Fidelity Investments Institutional	Fidelity Blue Chip Growth K Fund	-	7,603,854
*	Fidelity Investments Institutional	Fidelity Contra K Fund	-	4,879,277
*	Fidelity Investments Institutional	Fidelity Emerging Markets K Fund	-	1,334,258
*	Fidelity Investments Institutional	Fidelity Freedom K 2005 Fund	-	360,871
*	Fidelity Investments Institutional	Fidelity Freedom K 2010 Fund	-	1,065
*	Fidelity Investments Institutional	Fidelity Freedom K 2015 Fund	-	729,630
*	Fidelity Investments Institutional	Fidelity Freedom K 2020 Fund	-	2,687,483
*	Fidelity Investments Institutional	Fidelity Freedom K 2025 Fund	-	5,848,657
*	Fidelity Investments Institutional	Fidelity Freedom K 2030 Fund	-	7,221,381
*	Fidelity Investments Institutional	Fidelity Freedom K 2035 Fund	-	4,987,876
*	Fidelity Investments Institutional	Fidelity Freedom K 2040 Fund	-	8,167,134
*	Fidelity Investments Institutional	Fidelity Freedom K 2045 Fund	-	5,051,093
*	Fidelity Investments Institutional	Fidelity Freedom K 2050 Fund	-	2,976,050
*	Fidelity Investments Institutional	Fidelity Freedom K 2055 Fund	-	2,345,244
*	Fidelity Investments Institutional	Fidelity Freedom K 2060 Fund	-	1,292,056
*	Fidelity Investments Institutional	Fidelity Freedom K 2065 Fund	-	412,926
*	Fidelity Investments Institutional	Fidelity Freedom K Inc Fund	-	1,933
*	Fidelity Investments Institutional	Fidelity Government Money M	-	2,699,013
*	Fidelity Investments Institutional	Fidelity Growth Company K Fund	-	5,118,836
*	Fidelity Investments Institutional	Fidelity Govt Income	-	454,025

MECHANICAL DYNAMICS & ANALYSIS LLC 401(k) PLAN
EMPLOYER IDENTIFICATION NO. 20-3400458
PLAN NO. 001
SUPPLEMENTAL INFORMATION
DECEMBER 31, 2023

SCHEDULE H LINE 4i- SCHEDULE OF ASSETS (HELD AT END OF YEAR)

(a) Parties -in- <u>Interest</u>	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, <u>par or maturity value</u>	(d) <u>Cost</u>	(e) <u>Current Value</u>
*	Fidelity Investments Institutional	Fidelity International index	\$ -	\$ 1,363,139
*	Fidelity Investments Institutional	Fidelity Low priced Stock K Fund	-	3,090,786
*	Fidelity Investments Institutional	Fidelity Mid Cap Index	-	1,549,161
*	Fidelity Investments Institutional	Fidelity Real Estate Inst	-	329,102
*	Fidelity Investments Institutional	Fidelity US Bonds IDX PR	-	2,800,318
	American Century	American Century Small Capital Growth R6	-	707,707
	American Funds	American Funds Balanced R6	-	927,905
	ClearBridge Investments, Inc.	ClearBridge International Growth Institutional	-	1,379,596
	Columbia Management Investment Advisors, Inc.	Columbia Overseas Value 13	-	678,851
	Goldman Sachs	Goldman Sachs Small Capital Value Institutional I	-	770,087
	Hartford Funds	Hartford Core Equity R6	-	3,588,809
	JP Morgan	JP Morgan U.S. Equity Income R6	-	611,832
	JP Morgan	JP Morgan U.S. Small Company Institutional Fund	-	725,494
	MFS Investment Management Co.	MFS Mid-Cap Growth R4	-	1,568,412
	PIMCO	PIMCO Income Institutional	-	1,559,010
	PIMCO	PIMCO Total Return Institutional Fund	-	1,075,785
		Total Registered Investment Companies (Mutual Funds)	-	96,024,334
		<u>Self-Directed Brokerage</u>		
*	Fidelity Investments Institutional	Brokerage Link - Cash	-	1,384,650
*	Fidelity Investments Institutional	Brokerage Link - Common Stock	-	2,457,746
*	Fidelity Investments Institutional	Brokerage Link - External Fund	-	44,420
*	Fidelity Investments Institutional	Brokerage Link - Fidelity Fund	-	330,225
*	Fidelity Investments Institutional	Brokerage Link -Unit	-	1,096,780
*	Fidelity Investments Institutional	Brokerage Link - Government Bond	-	24,782
*	Fidelity Investments Institutional	Brokerage Link - Preferred Stock	-	12,793
*	Fidelity Investments Institutional	Brokerage Link - Option	-	6,734
		Total Self-Directed Brokerage	-	5,358,130

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*	Participant Loans	Participant loans, interest at 4.25% - 9.50%, weekly payments, various maturity dates through June 2033.	\$ -	\$ 1,607,271
		Total	<u>\$ -</u>	<u>\$ 104,092,331</u>

* Indicated that the issuer is a party-in-interest as defined in the Employee Retirement Income Security Act of 1974.

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		<u>Common/Collective Funds</u>		
*	Fidelity Investments Institutional	Managed Income Portfolio CL 2	\$ -	\$ 1,102,596
		Total Common/Collective Funds	-	1,102,596
		<u>Registered Investment Companies (Mutual Funds)</u>		
*	Fidelity Investments Institutional	Fidelity 500 Index PR	-	9,125,678
*	Fidelity Investments Institutional	Fidelity Blue Chip Growth K Fund	-	7,603,854
*	Fidelity Investments Institutional	Fidelity Contra K Fund	-	4,879,277
*	Fidelity Investments Institutional	Fidelity Emerging Markets K Fund	-	1,334,258
*	Fidelity Investments Institutional	Fidelity Freedom K 2005 Fund	-	360,871
*	Fidelity Investments Institutional	Fidelity Freedom K 2010 Fund	-	1,065
*	Fidelity Investments Institutional	Fidelity Freedom K 2015 Fund	-	729,630
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