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 6047(e), 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

2015

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2015 or fiscal plan year beginning 01/01/2015 and ending 12/31/2015

A This return/report is for:
- ☐ a multiemployer plan;
- ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions); or
- ☒ a single-employer plan;
- ☐ a DFE (specify) ____

B This return/report is:
- ☐ the first return/report;
- ☐ the final return/report;
- ☐ an amended return/report;
- ☐ a short plan year return/report (less than 12 months).

C If the plan is a collectively-bargained plan, check here. . . . . ▶ ☐

D Check box if filing under:
- ☒ Form 5558;
- ☐ automatic extension;
- ☐ the DFVC program;
- ☐ special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
MECHANICAL DYNAMICS AND ANALYSIS, LTD WELFARE PLAN

1b Three-digit plan number (PN) ▶ 504

1c Effective date of plan
01/01/2014

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 AND ANALYSIS, LTD

19 BRITISH AMERICAN BLVD
LATHAM, NY 12110

19 BRITISH AMERICAN BLVD
LATHAM, NY 12110

2b Employer Identification Number (EIN)
20-3400458

2c Plan Sponsor's telephone number
518-399-3616

2d Business code (see instructions)
811310

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.	10/07/2016	JILL FELDMAN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/06/2016	FREDERICK LUCK
	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

Preparer's name (including firm name, if applicable) and address (include room or suite number)

Preparer's telephone number

3a	Plan administrator's name and address [X] Same as Plan Sponsor	**3b** Administrator's EIN	
		3c Administrator's telephone number	
4	If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report:	**4b** EIN	
a	Sponsor's name	**4c** PN	
5	Total number of participants at the beginning of the plan year	**5**	402
6	Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**).		
a(1)	Total number of active participants at the beginning of the plan year	**6a(1)**	378
a(2)	Total number of active participants at the end of the plan year	**6a(2)**	378
b	Retired or separated participants receiving benefits	**6b**	0
c	Other retired or separated participants entitled to future benefits	**6c**	0
d	Subtotal. Add lines **6a(2)**, **6b**, and **6c**.	**6d**	378
e	Deceased participants whose beneficiaries are receiving or are entitled to receive benefits	**6e**	0
f	Total. Add lines **6d** and **6e**.	**6f**	378
g	Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	
h	Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	
7	Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

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

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

4A 4B 4D 4F 4H 4L

9a Plan funding arrangement (check all that apply)

- **(1)** [X] Insurance
- **(2)** [ ] Code section 412(e)(3) insurance contracts
- **(3)** [ ] Trust
- **(4)** [X] General assets of the sponsor

9b Plan benefit arrangement (check all that apply)

- **(1)** [X] Insurance
- **(2)** [ ] Code section 412(e)(3) insurance contracts
- **(3)** [ ] Trust
- **(4)** [X] General assets of the sponsor

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

a Pension Schedules

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

b General Schedules

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

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2015 Form M-1 annual report. If the plan was not required to file the 2015 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 A (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Insurance 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.**

▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).

OMB No. 1210-0110

2015

This Form is Open to Public Inspection

For calendar plan year 2015 or fiscal plan year beginning 01/01/2015 and ending 12/31/2015

A Name of plan
MECHANICAL DYNAMICS AND ANALYSIS, LTD WELFARE PLAN

B Three-digit plan number (PN) ▶ 504

C Plan sponsor's name as shown on line 2a of Form 5500
MECHANICAL DYNAMICS AND ANALYSIS, LTD

D Employer Identification Number (EIN)
20-3400458

Part I Information Concerning Insurance Contract Coverage, Fees, and Commissions

Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.

1 Coverage Information:

(a) Name of insurance carrier
AFLAC

(b) EIN	**(c)** NAIC code	**(d)** Contract or identification number	**(e)** Approximate number of persons covered at end of policy or contract year	Policy or contract year **(f)** From	Policy or contract year **(g)** To
52-0807803	60380	520807803	20	01/01/2015	12/31/2015

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	**(b)** Total amount of fees paid
3261	625

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

JOAN BUTLER

1971 WESTERN AVE
SUITE 3 # 162
ALBANY, NY 12203

(b) Amount of sales and base commissions paid	Fees and other commissions paid **(c)** Amount	Fees and other commissions paid **(d)** Purpose	**(e)** Organization code
1997	390		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

BETH SERFILIPPI

8 HILLSTONE CT
BALLSTON LAKE, NY 12019

(b) Amount of sales and base commissions paid	Fees and other commissions paid **(c)** Amount	Fees and other commissions paid **(d)** Purpose	**(e)** Organization code
704	78		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
DARRYL J YOUNG	4522 SHADY PLACE COURT BOWLING GREEN, KY 42104

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
293	78		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
BRAD JONES AND ASSOCIATES INC	19 BRITISH AMERICAN BLVD LATHAM, NY 12110

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
138	78		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
JANINE M FOX	5303 HARMONY MILLS WEST COHOES, NY 12047

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
87	0		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
BENITO A ROTONDI II INC	401 FRANKLIN AVE SUITE 312 GARDEN CITY, NY 11530

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
17	0		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
SCHERFF INSURANCE AGENCY INC	15 KADNORIDA DR GANSEVOORT, NY 12831

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
16	0		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

SUSAN C BRIMHALL
155 CYPRESS LN
OLDSMAR, FL 34577

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
9	0		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	**4**	
5 Current value of plan's interest under this contract in separate accounts at year end	**5**	

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

b Premiums paid to carrier	**6b**	
c Premiums due but unpaid at the end of the year	**6c**	
d If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.	**6d**	

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity

(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee

(3) ☐ guaranteed investment (4) ☐ other ▶

b Balance at the end of the previous year			**7b**	
c Additions: (1) Contributions deposited during the year	**7c(1)**			
(2) Dividends and credits	**7c(2)**			
(3) Interest credited during the year	**7c(3)**			
(4) Transferred from separate account	**7c(4)**			
(5) Other (specify below)	**7c(5)**			
▶				
(6)Total additions			**7c(6)**	
d Total of balance and additions (add lines **7b** and **7c(6)**).			**7d**	
e Deductions:				
(1) Disbursed from fund to pay benefits or purchase annuities during year	**7e(1)**			
(2) Administration charge made by carrier	**7e(2)**			
(3) Transferred to separate account	**7e(3)**			
(4) Other (specify below)	**7e(4)**			
▶				
(5) Total deductions			**7e(5)**	
f Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			**7f**	

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- **a** [ ] Health (other than dental or vision)
- **b** [ ] Dental
- **c** [ ] Vision
- **d** [ ] Life insurance
- **e** [X] Temporary disability (accident and sickness)
- **f** [ ] Long-term disability
- **g** [ ] Supplemental unemployment
- **h** [ ] Prescription drug
- **i** [ ] Stop loss (large deductible)
- **j** [ ] HMO contract
- **k** [ ] PPO contract
- **l** [ ] Indemnity contract
- **m** [X] Other (specify) ▶ CANCER, CRITICAL ILLNESS

9 Experience-rated contracts:				
a Premiums: (1) Amount received	9a(1)			
(2) Increase (decrease) in amount due but unpaid	9a(2)			
(3) Increase (decrease) in unearned premium reserve	9a(3)			
(4) Earned ((1) + (2) - (3))			9a(4)	
b Benefit charges (1) Claims paid	9b(1)			
(2) Increase (decrease) in claim reserves	9b(2)			
(3) Incurred claims (add (1) and (2))			9b(3)	
(4) Claims charged			9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --				
(A) Commissions	9c(1)(A)			
(B) Administrative service or other fees	9c(1)(B)			
(C) Other specific acquisition costs	9c(1)(C)			
(D) Other expenses	9c(1)(D)			
(E) Taxes	9c(1)(E)			
(F) Charges for risks or other contingencies	9c(1)(F)			
(G) Other retention charges	9c(1)(G)			
(H) Total retention			9c(1)(H)	
(2) Dividends or retroactive rate refunds. (These amounts were [ ] paid in cash, or [ ] credited.)			9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement			9d(1)	
(2) Claim reserves			9d(2)	
(3) Other reserves			9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line **9c(2)**.)			9e	
10 Nonexperience-rated contracts:				
a Total premiums or subscription charges paid to carrier			10a	14422
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.			10b	

Specify nature of costs ▶

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? [ ] Yes [X] No

12 If the answer to line 11 is “Yes,” specify the information not provided. ▶

SCHEDULE A (Form 5500)	Insurance Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.** ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	**2015** **This Form is Open to Public Inspection**

For calendar plan year 2015 or fiscal plan year beginning 01/01/2015 and ending 12/31/2015

A Name of plan
MECHANICAL DYNAMICS AND ANALYSIS, LTD WELFARE PLAN

B Three-digit plan number (PN) ▶ 504

C Plan sponsor's name as shown on line 2a of Form 5500
MECHANICAL DYNAMICS AND ANALYSIS, LTD

D Employer Identification Number (EIN)
20-3400458

Part I Information Concerning Insurance Contract Coverage, Fees, and Commissions

Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.

1 Coverage Information:

(a) Name of insurance carrier
AFLAC

(b) EIN	**(c)** NAIC code	**(d)** Contract or identification number	**(e)** Approximate number of persons covered at end of policy or contract year	Policy or contract year **(f)** From	Policy or contract year **(g)** To
58-0663085	60380	580663085	63	01/01/2015	12/31/2015

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	**(b)** Total amount of fees paid
13550	1996

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

JOAN M BUTLER
1971 WESTERN AVE
STE 3 # 162
ALBANY, NY 12203

(b) Amount of sales and base commissions paid	Fees and other commissions paid **(c)** Amount	**(d)** Purpose	**(e)** Organization code
3633	629		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

SHAWN E TORRES
619 TREESIDE LANE
AVON LAKE, OH 44012

(b) Amount of sales and base commissions paid	Fees and other commissions paid **(c)** Amount	**(d)** Purpose	**(e)** Organization code
3084	0		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
JEREMY C ALFORD	11628 NW 9TH LN GAINESVILLE, FL 32606

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
937	235		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
BETH A SERFILIPPI	8 HILLSTONE CT BALLSTON LAKE, NY 12019

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
908	70		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
DANIEL GARRETT HARDWICK	522 BENNINGTON DRIVE MANSFIELD, OH 44904

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
733	108		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
CATHERINE HALLIGAN	36550 CHESTER RD APT 5503 AVON, OH 44011

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
519	160		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
HENSLEY AND ASSOCIATES LLC	1103 SCHROCK RD STE 201 COLUMBUS, OH 43229

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
474	19		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
JOSEPH E KING	1115 MISSOURI AVENUE KIRKWOOD, MO 63122

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
461	105		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
JACKEY WAYNE MCBRAYER	12811 MIMOSA SPRING DR TOMBALL, TX 77377

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
410	74		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
ANGEL E HILL	500 SE FORT KING ST STE A OCALA, FL 34471

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
327	47		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
DARRYL J YOUNG	4522 SHADY PLACE COURT BOWLING GREEN, KY 42104

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
285	79		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
JANINE FOX	5303 HARMONY MILLS WEST COHOES, NY 12047

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
281	29		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
STUART K SCHNIRMAN	4050 STILMORE RD SOUTH EUCLID, OH 44121

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
218	35		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
VICKI M DICKERT	258 SEAVIEW AVE DAYTONA BEACH, FL 32118

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
182	47		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
WILLIAM J BALL III	9 STOUTENBURG DR NORWALK, OH 44857

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
145	22		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
BRADLEY S JONES	19 BRITISH AMERICAN BLVD WEST LATHAM, NY 12110

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
143	79		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
MICHAEL J ELLIS	532 GARRICK PL O FALLON, MO 63368

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
126	21		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
CRP BENEFIT SERVICES INC	6000 LOMBARDO CENTER STE 145 SEVEN HILLS, OH 44131

(b) Amount of sales and base commissions paid	Fees and other commissions paid (c) Amount	(d) Purpose	(e) Organization code
116	35		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
BETH LUANNE KIMROUGH	6750 N ANDREWS AVE STE 200 FT LAUDERDALE, FL 33309

(b) Amount of sales and base commissions paid	Fees and other commissions paid (c) Amount	(d) Purpose	(e) Organization code
105	47		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
MARYANN MCBRAYER	12811 MIMOSA SPRING DR TOMBALL, TX 77377

(b) Amount of sales and base commissions paid	Fees and other commissions paid (c) Amount	(d) Purpose	(e) Organization code
89	20		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
VANDEGRIFFE INC	1795 CLARKSON RD STE 301 CHESTERFIELD, MO 63017

(b) Amount of sales and base commissions paid	Fees and other commissions paid (c) Amount	(d) Purpose	(e) Organization code
86	21		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
MERCEDES NOBLE REYES	2041 WATERBURY RD LAKEWOOD, OH 44107

(b) Amount of sales and base commissions paid	Fees and other commissions paid (c) Amount	(d) Purpose	(e) Organization code
54	35		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
MAKOWSKI INS AGCY INC	9404 WOODCHIP LN BROADVIEW HTS, OH 44147

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
45	35		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
HARE AND ASSOCIATES LLC	470 OLDE WORTHINGTON RD SUITE 250 WESTERVILLE, OH 43082

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
43	19		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
MICHAEL GRASS	21707 KINGSLAND BLVD STE 105 KATY, TX 77450

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
40	20		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
JOSEPH R GUNTHER	1120 S 6TH ST STE 110 SAINT LOUIS, MO 63104

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
27	0		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
NATHAN L HARRISON	16024 MANCHESTER RD 2ND FLOOR STE 200 ELLISVILLE, MO 63011

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
25	21		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
A C LONG & ASSOCIATES INC	1133 MEDINA RD 200 MEDINA, OH 44256

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
22	3		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
HARE AND ASSOCIATES LLC	470 OLDE WORTHINGTON RD SUITE 250 WESTERVILLE, OH 43082

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
14	3		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
KIMBERLY A HOOIE	8807 SW 137TH AVE ARCHER, FL 32618

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
10	0		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	
KEVIN R MCINERNEY	580 WHITE PLAINS RD SUITE 600 TARRYTOWN, NY 10591

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	
9	2		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid	

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	
5 Current value of plan's interest under this contract in separate accounts at year end	5	

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

b Premiums paid to carrier	6b	
c Premiums due but unpaid at the end of the year	6c	
d If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.	6d	

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity

(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee

(3) ☐ guaranteed investment (4) ☐ other ▶

b Balance at the end of the previous year			7b	
c Additions: (1) Contributions deposited during the year	7c(1)			
(2) Dividends and credits	7c(2)			
(3) Interest credited during the year	7c(3)			
(4) Transferred from separate account	7c(4)			
(5) Other (specify below) ▶	7c(5)			
(6) Total additions			7c(6)	
d Total of balance and additions (add lines **7b** and **7c(6)**).			7d	
e Deductions:				
(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)			
(2) Administration charge made by carrier	7e(2)			
(3) Transferred to separate account	7e(3)			
(4) Other (specify below) ▶	7e(4)			
(5) Total deductions			7e(5)	
f Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			7f	

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

a ☐ Health (other than dental or vision)	**b** ☐ Dental	**c** ☐ Vision	**d** ☐ Life insurance
e ☒ Temporary disability (accident and sickness)	**f** ☐ Long-term disability	**g** ☐ Supplemental unemployment	**h** ☐ Prescription drug
i ☐ Stop loss (large deductible)	**j** ☐ HMO contract	**k** ☐ PPO contract	**l** ☐ Indemnity contract
m ☒ Other (specify) ▶ CANCER, CRITICAL ILLNESS			

9 Experience-rated contracts:				
a Premiums: (1) Amount received	**9a(1)**			
(2) Increase (decrease) in amount due but unpaid	**9a(2)**			
(3) Increase (decrease) in unearned premium reserve	**9a(3)**			
(4) Earned ((**1**) + (**2**) - (**3**))			**9a(4)**	
b Benefit charges (1) Claims paid	**9b(1)**			
(2) Increase (decrease) in claim reserves	**9b(2)**			
(3) Incurred claims (add (**1**) and (**2**))			**9b(3)**	
(4) Claims charged			**9b(4)**	
c Remainder of premium: (1) Retention charges (on an accrual basis) --				
(A) Commissions	**9c(1)(A)**			
(B) Administrative service or other fees	**9c(1)(B)**			
(C) Other specific acquisition costs	**9c(1)(C)**			
(D) Other expenses	**9c(1)(D)**			
(E) Taxes	**9c(1)(E)**			
(F) Charges for risks or other contingencies	**9c(1)(F)**			
(G) Other retention charges	**9c(1)(G)**			
(H) Total retention			**9c(1)(H)**	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)			**9c(2)**	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement			**9d(1)**	
(2) Claim reserves			**9d(2)**	
(3) Other reserves			**9d(3)**	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line **9c(2)**.)			**9e**	
10 Nonexperience-rated contracts:				
a Total premiums or subscription charges paid to carrier			**10a**	47407
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.			**10b**	

Specify nature of costs ▶

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE A (Form 5500)	Insurance Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.** ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	**2015** **This Form is Open to Public Inspection**

For calendar plan year 2015 or fiscal plan year beginning 01/01/2015 and ending 12/31/2015

A Name of plan MECHANICAL DYNAMICS AND ANALYSIS, LTD WELFARE PLAN	**B** Three-digit plan number (PN) ▶ 504
C Plan sponsor's name as shown on line 2a of Form 5500 MECHANICAL DYNAMICS AND ANALYSIS, LTD	**D** Employer Identification Number (EIN) 20-3400458

Part I Information Concerning Insurance Contract Coverage, Fees, and Commissions

Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.

1 Coverage Information:

(a) Name of insurance carrier

CIGNA LIFE INSURANCE CO OF NEW YORK

(b) EIN	**(c)** NAIC code	**(d)** Contract or identification number	**(e)** Approximate number of persons covered at end of policy or contract year	Policy or contract year **(f)** From	**(g)** To
13-2556568	64548	BNK960008	140	01/01/2015	12/31/2015

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	**(b)** Total amount of fees paid
0	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid **(c)** Amount	**(d)** Purpose	**(e)** Organization code

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid **(c)** Amount	**(d)** Purpose	**(e)** Organization code

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid			

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	
5 Current value of plan's interest under this contract in separate accounts at year end	5	

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

b Premiums paid to carrier	6b	
c Premiums due but unpaid at the end of the year	6c	
d If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.	6d	

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity

(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee

(3) ☐ guaranteed investment (4) ☐ other ▶

b Balance at the end of the previous year			7b	
c Additions: (1) Contributions deposited during the year	7c(1)			
(2) Dividends and credits	7c(2)			
(3) Interest credited during the year	7c(3)			
(4) Transferred from separate account	7c(4)			
(5) Other (specify below)	7c(5)			
▶				
(6)Total additions			7c(6)	
d Total of balance and additions (add lines **7b** and **7c(6)**).			7d	
e Deductions:				
(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)			
(2) Administration charge made by carrier	7e(2)			
(3) Transferred to separate account	7e(3)			
(4) Other (specify below)	7e(4)			
▶				
(5) Total deductions			7e(5)	
f Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			7f	

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- **a** [ ] Health (other than dental or vision)
- **b** [ ] Dental
- **c** [ ] Vision
- **d** [ ] Life insurance
- **e** [ ] Temporary disability (accident and sickness)
- **f** [X] Long-term disability
- **g** [ ] Supplemental unemployment
- **h** [ ] Prescription drug
- **i** [ ] Stop loss (large deductible)
- **j** [ ] HMO contract
- **k** [ ] PPO contract
- **l** [ ] Indemnity contract
- **m** [ ] Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)			
(2) Increase (decrease) in amount due but unpaid	9a(2)			
(3) Increase (decrease) in unearned premium reserve	9a(3)			
(4) Earned ((1) + (2) - (3))			9a(4)	
b Benefit charges (1) Claims paid	9b(1)			
(2) Increase (decrease) in claim reserves	9b(2)			
(3) Incurred claims (add (1) and (2))			9b(3)	
(4) Claims charged			9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --				
(A) Commissions	9c(1)(A)			
(B) Administrative service or other fees	9c(1)(B)			
(C) Other specific acquisition costs	9c(1)(C)			
(D) Other expenses	9c(1)(D)			
(E) Taxes	9c(1)(E)			
(F) Charges for risks or other contingencies	9c(1)(F)			
(G) Other retention charges	9c(1)(G)			
(H) Total retention			9c(1)(H)	
(2) Dividends or retroactive rate refunds. (These amounts were [ ] paid in cash, or [ ] credited.)			9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement			9d(1)	
(2) Claim reserves			9d(2)	
(3) Other reserves			9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)			9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	92393
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.	10b	

Specify nature of costs ▶

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? [ ] Yes [X] No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE A (Form 5500)	**Insurance Information**	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.** ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	**2015** **This Form is Open to Public Inspection**

For calendar plan year 2015 or fiscal plan year beginning 01/01/2015 and ending 12/31/2015

A Name of plan
MECHANICAL DYNAMICS AND ANALYSIS, LTD WELFARE PLAN

B Three-digit plan number (PN) ▶ 504

C Plan sponsor's name as shown on line 2a of Form 5500
MECHANICAL DYNAMICS AND ANALYSIS, LTD

D Employer Identification Number (EIN)
20-3400458

Part I Information Concerning Insurance Contract Coverage, Fees, and Commissions

Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.

1 Coverage Information:

(a) Name of insurance carrier
CIGNA LIFE INSURANCE CO OF NEW YORK

(b) EIN	**(c)** NAIC code	**(d)** Contract or identification number	**(e)** Approximate number of persons covered at end of policy or contract year	Policy or contract year **(f)** From	Policy or contract year **(g)** To
13-2556568	64548	NYD074665	82	01/01/2015	12/31/2015

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	**(b)** Total amount of fees paid
0	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid **(c)** Amount	Fees and other commissions paid **(d)** Purpose	**(e)** Organization code

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid **(c)** Amount	Fees and other commissions paid **(d)** Purpose	**(e)** Organization code

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	**4**	
5 Current value of plan's interest under this contract in separate accounts at year end	**5**	

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

b Premiums paid to carrier	**6b**	
c Premiums due but unpaid at the end of the year	**6c**	
d If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.	**6d**	

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity

(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee

(3) ☐ guaranteed investment (4) ☐ other ▶

b Balance at the end of the previous year			**7b**	
c Additions: (1) Contributions deposited during the year	**7c(1)**			
(2) Dividends and credits	**7c(2)**			
(3) Interest credited during the year	**7c(3)**			
(4) Transferred from separate account	**7c(4)**			
(5) Other (specify below) ▶	**7c(5)**			
(6) Total additions			**7c(6)**	
d Total of balance and additions (add lines **7b** and **7c(6)**).			**7d**	
e Deductions:				
(1) Disbursed from fund to pay benefits or purchase annuities during year	**7e(1)**			
(2) Administration charge made by carrier	**7e(2)**			
(3) Transferred to separate account	**7e(3)**			
(4) Other (specify below) ▶	**7e(4)**			
(5) Total deductions			**7e(5)**	
f Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			**7f**	

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- **a** ☐ Health (other than dental or vision)
- **b** ☐ Dental
- **c** ☐ Vision
- **d** ☐ Life insurance
- **e** ☒ Temporary disability (accident and sickness)
- **f** ☐ Long-term disability
- **g** ☐ Supplemental unemployment
- **h** ☐ Prescription drug
- **i** ☐ Stop loss (large deductible)
- **j** ☐ HMO contract
- **k** ☐ PPO contract
- **l** ☐ Indemnity contract
- **m** ☐ Other (specify) ▶

9 Experience-rated contracts:				
a Premiums: (1) Amount received	**9a(1)**			
(2) Increase (decrease) in amount due but unpaid	**9a(2)**			
(3) Increase (decrease) in unearned premium reserve	**9a(3)**			
(4) Earned (**(1)** + **(2)** - **(3)**)			**9a(4)**	
b Benefit charges (1) Claims paid	**9b(1)**			
(2) Increase (decrease) in claim reserves	**9b(2)**			
(3) Incurred claims (add **(1)** and **(2)**)			**9b(3)**	
(4) Claims charged			**9b(4)**	
c Remainder of premium: (1) Retention charges (on an accrual basis) --				
(A) Commissions	**9c(1)(A)**			
(B) Administrative service or other fees	**9c(1)(B)**			
(C) Other specific acquisition costs	**9c(1)(C)**			
(D) Other expenses	**9c(1)(D)**			
(E) Taxes	**9c(1)(E)**			
(F) Charges for risks or other contingencies	**9c(1)(F)**			
(G) Other retention charges	**9c(1)(G)**			
(H) Total retention			**9c(1)(H)**	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)			**9c(2)**	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement			**9d(1)**	
(2) Claim reserves			**9d(2)**	
(3) Other reserves			**9d(3)**	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line **9c(2)**.)			**9e**	
10 Nonexperience-rated contracts:				
a Total premiums or subscription charges paid to carrier			**10a**	5796
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.			**10b**	

Specify nature of costs ▶

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE A (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Insurance 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.**

▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).

OMB No. 1210-0110

2015

This Form is Open to Public Inspection

For calendar plan year 2015 or fiscal plan year beginning 01/01/2015 and ending 12/31/2015

A Name of plan
MECHANICAL DYNAMICS AND ANALYSIS, LTD WELFARE PLAN

B Three-digit plan number (PN) ▶ 504

C Plan sponsor's name as shown on line 2a of Form 5500
MECHANICAL DYNAMICS AND ANALYSIS, LTD

D Employer Identification Number (EIN)
20-3400458

Part I Information Concerning Insurance Contract Coverage, Fees, and Commissions

Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.

1 Coverage Information:

(a) Name of insurance carrier
UNITEDHEALTHCARE INSURANCE COMPANY

(b) EIN	**(c)** NAIC code	**(d)** Contract or identification number	**(e)** Approximate number of persons covered at end of policy or contract year	Policy or contract year **(f)** From	**(g)** To
36-2739571	79413	302446	408	01/01/2015	01/31/2015

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	**(b)** Total amount of fees paid
1875	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

AON CONSULTING
44 WHIPPANY RD # 220
MORRISTOWN, NJ 07960

(b) Amount of sales and base commissions paid	Fees and other commissions paid **(c)** Amount	**(d)** Purpose	**(e)** Organization code
1875	0	BROKER, ADMIN FEES	3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid **(c)** Amount	**(d)** Purpose	**(e)** Organization code

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid			

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid			

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid			

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid			

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid			

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	**4**	
5 Current value of plan's interest under this contract in separate accounts at year end	**5**	

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

b Premiums paid to carrier	**6b**	
c Premiums due but unpaid at the end of the year	**6c**	
d If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.	**6d**	

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity

(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee

(3) ☐ guaranteed investment (4) ☐ other ▶

b Balance at the end of the previous year			**7b**	
c Additions: (1) Contributions deposited during the year	**7c(1)**			
(2) Dividends and credits	**7c(2)**			
(3) Interest credited during the year	**7c(3)**			
(4) Transferred from separate account	**7c(4)**			
(5) Other (specify below) ▶	**7c(5)**			
(6) Total additions			**7c(6)**	
d Total of balance and additions (add lines **7b** and **7c(6)**).			**7d**	
e Deductions:				
(1) Disbursed from fund to pay benefits or purchase annuities during year	**7e(1)**			
(2) Administration charge made by carrier	**7e(2)**			
(3) Transferred to separate account	**7e(3)**			
(4) Other (specify below) ▶	**7e(4)**			
(5) Total deductions			**7e(5)**	
f Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			**7f**	

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- **a** ☐ Health (other than dental or vision)
- **b** ☐ Dental
- **c** ☐ Vision
- **d** ☒ Life insurance
- **e** ☐ Temporary disability (accident and sickness)
- **f** ☐ Long-term disability
- **g** ☐ Supplemental unemployment
- **h** ☐ Prescription drug
- **i** ☐ Stop loss (large deductible)
- **j** ☐ HMO contract
- **k** ☐ PPO contract
- **l** ☐ Indemnity contract
- **m** ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)			
(2) Increase (decrease) in amount due but unpaid	9a(2)			
(3) Increase (decrease) in unearned premium reserve	9a(3)			
(4) Earned (**(1)** + **(2)** - **(3)**)			9a(4)	
b Benefit charges (1) Claims paid	9b(1)			
(2) Increase (decrease) in claim reserves	9b(2)			
(3) Incurred claims (add **(1)** and **(2)**)			9b(3)	
(4) Claims charged			9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --				
(A) Commissions	9c(1)(A)			
(B) Administrative service or other fees	9c(1)(B)			
(C) Other specific acquisition costs	9c(1)(C)			
(D) Other expenses	9c(1)(D)			
(E) Taxes	9c(1)(E)			
(F) Charges for risks or other contingencies	9c(1)(F)			
(G) Other retention charges	9c(1)(G)			
(H) Total retention			9c(1)(H)	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)			9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement			9d(1)	
(2) Claim reserves			9d(2)	
(3) Other reserves			9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line **9c(2)**.)			9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	15773
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.	10b	

Specify nature of costs ▶

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE A (Form 5500)	Insurance Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.** ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	**2015** **This Form is Open to Public Inspection**

For calendar plan year 2015 or fiscal plan year beginning 01/01/2015 and ending 12/31/2015

A Name of plan
MECHANICAL DYNAMICS AND ANALYSIS, LTD WELFARE PLAN

B Three-digit plan number (PN) ▶ 504

C Plan sponsor's name as shown on line 2a of Form 5500
MECHANICAL DYNAMICS AND ANALYSIS, LTD

D Employer Identification Number (EIN)
20-3400458

Part I **Information Concerning Insurance Contract Coverage, Fees, and Commissions** Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.

1 Coverage Information:

(a) Name of insurance carrier
SUN LIFE AND HEALTH INSURANCE COMPANY

(b) EIN	**(c)** NAIC code	**(d)** Contract or identification number	**(e)** Approximate number of persons covered at end of policy or contract year	Policy or contract year **(f)** From	Policy or contract year **(g)** To
06-0893662	80926	823748	373	01/01/2015	12/31/2015

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	**(b)** Total amount of fees paid
12995	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

AON CONSULTING INC
806 TYVOLA RD STE 108
CHARLOTTE, NC 28217

(b) Amount of sales and base commissions paid	Fees and other commissions paid **(c)** Amount	Fees and other commissions paid **(d)** Purpose	**(e)** Organization code
12995	0		3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid **(c)** Amount	Fees and other commissions paid **(d)** Purpose	**(e)** Organization code

For Paperwork Reduction Act Notice and OMB Control Numbers, see the instructions for Form 5500.

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	**4**	
5 Current value of plan's interest under this contract in separate accounts at year end	**5**	

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

b Premiums paid to carrier	**6b**	
c Premiums due but unpaid at the end of the year	**6c**	
d If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.	**6d**	

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity

(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee

(3) ☐ guaranteed investment (4) ☐ other ▶

b Balance at the end of the previous year			**7b**	
c Additions: (1) Contributions deposited during the year	**7c(1)**			
(2) Dividends and credits	**7c(2)**			
(3) Interest credited during the year	**7c(3)**			
(4) Transferred from separate account	**7c(4)**			
(5) Other (specify below) ▶	**7c(5)**			
(6)Total additions			**7c(6)**	
d Total of balance and additions (add lines **7b** and **7c(6)**).			**7d**	
e Deductions:				
(1) Disbursed from fund to pay benefits or purchase annuities during year	**7e(1)**			
(2) Administration charge made by carrier	**7e(2)**			
(3) Transferred to separate account	**7e(3)**			
(4) Other (specify below) ▶	**7e(4)**			
(5) Total deductions			**7e(5)**	
f Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			**7f**	

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- **a** ☐ Health (other than dental or vision)
- **b** ☐ Dental
- **c** ☐ Vision
- **d** ☐ Life insurance
- **e** ☐ Temporary disability (accident and sickness)
- **f** ☐ Long-term disability
- **g** ☐ Supplemental unemployment
- **h** ☐ Prescription drug
- **i** ☒ Stop loss (large deductible)
- **j** ☐ HMO contract
- **k** ☐ PPO contract
- **l** ☐ Indemnity contract
- **m** ☐ Other (specify) ▶

9 Experience-rated contracts:				
a Premiums: (1) Amount received	9a(1)			
(2) Increase (decrease) in amount due but unpaid	9a(2)			
(3) Increase (decrease) in unearned premium reserve	9a(3)			
(4) Earned ((1) + (2) - (3))			9a(4)	
b Benefit charges (1) Claims paid	9b(1)			
(2) Increase (decrease) in claim reserves	9b(2)			
(3) Incurred claims (add (1) and (2))			9b(3)	
(4) Claims charged			9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --				
(A) Commissions	9c(1)(A)			
(B) Administrative service or other fees	9c(1)(B)			
(C) Other specific acquisition costs	9c(1)(C)			
(D) Other expenses	9c(1)(D)			
(E) Taxes	9c(1)(E)			
(F) Charges for risks or other contingencies	9c(1)(F)			
(G) Other retention charges	9c(1)(G)			
(H) Total retention			9c(1)(H)	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)			9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement			9d(1)	
(2) Claim reserves			9d(2)	
(3) Other reserves			9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line **9c(2)**.)			9e	
10 Nonexperience-rated contracts:				
a Total premiums or subscription charges paid to carrier			10a	472977
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.			10b	

Specify nature of costs ▶

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶