

Form 5500

Department of the Treasury  
Internal Revenue Service

Department of Labor  
Employee Benefits Security  
Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ Complete all entries in accordance with the instructions to the Form 5500.

OMB Nos. 1210-0110  
1210-0089

2024

This Form is Open to Public Inspection

Part I Annual Report Identification Information

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

- A This return/report is for: [ ] a multiemployer plan [ ] a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) [x] 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: [x] 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: ADVANCED TECHNOLOGY & RESEARCH CORP. 401(K) RETIREMENT PLAN
1b Three-digit plan number (PN): 001
1c Effective date of plan: 07/01/1987
2a Plan sponsor's name (employer, if for a single-employer plan): ADVANCED TECHNOLOGY & RESEARCH CORP.
2b Employer Identification Number (EIN): 52-0977059
2c Plan Sponsor's telephone number: 443-766-7888
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.

Table with 4 columns: SIGN HERE, Signature of plan administrator, Date, Enter name of individual signing as plan administrator. Includes rows for employer/plan sponsor and DFE.

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

Form 5500 (2024) v. 240311

<b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor	<b>3b</b> Administrator's EIN	
	<b>3c</b> Administrator's telephone number	
<b>4</b> 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: <b>a</b> Sponsor's name <b>c</b> Plan Name	<b>4b</b> EIN	
	<b>4d</b> PN	
<b>5</b> Total number of participants at the beginning of the plan year	<b>5</b>	252
<b>6</b> Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines <b>6a(1)</b> , <b>6a(2)</b> , <b>6b</b> , <b>6c</b> , and <b>6d</b> ). <b>a(1)</b> Total number of active participants at the beginning of the plan year ..... <b>a(2)</b> Total number of active participants at the end of the plan year ..... <b>b</b> Retired or separated participants receiving benefits..... <b>c</b> Other retired or separated participants entitled to future benefits ..... <b>d</b> Subtotal. Add lines <b>6a(2)</b> , <b>6b</b> , and <b>6c</b> ..... <b>e</b> Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. .... <b>f</b> Total. Add lines <b>6d</b> and <b>6e</b> ..... <b>g(1)</b> Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) ..... <b>g(2)</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) ..... <b>h</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	<b>6a(1)</b>	117
	<b>6a(2)</b>	140
	<b>6b</b>	6
	<b>6c</b>	97
	<b>6d</b>	243
	<b>6e</b>	0
	<b>6f</b>	243
	<b>6g(1)</b>	228
<b>6g(2)</b>	208	
<b>6h</b>	13	
<b>7</b> Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item) .....	<b>7</b>	

**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 2S 3D

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

<b>9a</b> Plan funding arrangement (check all that apply)	<b>9b</b> Plan benefit arrangement (check all that apply)
(1) <input type="checkbox"/> Insurance	(1) <input type="checkbox"/> Insurance
(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts	(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts
(3) <input checked="" type="checkbox"/> Trust	(3) <input checked="" type="checkbox"/> Trust
(4) <input type="checkbox"/> General assets of the sponsor	(4) <input type="checkbox"/> 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)

<b>a Pension Schedules</b>	<b>b General Schedules</b>
(1) <input checked="" type="checkbox"/> <b>R</b> (Retirement Plan Information)	(1) <input checked="" type="checkbox"/> <b>H</b> (Financial Information)
(2) <input type="checkbox"/> <b>MB</b> (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary	(2) <input type="checkbox"/> <b>I</b> (Financial Information – Small Plan)
(3) <input type="checkbox"/> <b>SB</b> (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	(3) <input type="checkbox"/> <b>A</b> (Insurance Information) – Number Attached <u>0</u>
(4) <input type="checkbox"/> <b>DCG</b> (Individual Plan Information) – Number Attached _____	(4) <input checked="" type="checkbox"/> <b>C</b> (Service Provider Information)
(5) <input type="checkbox"/> <b>MEP</b> (Multiple-Employer Retirement Plan Information)	(5) <input type="checkbox"/> <b>D</b> (DFE/Participating Plan Information)
	(6) <input type="checkbox"/> <b>G</b> (Financial Transaction Schedules)

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

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**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.

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

**11c** Enter the Receipt Confirmation Code for the 2024 Form M-1 annual report. If the plan was not required to file the 2024 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code \_\_\_\_\_

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<b>SCHEDULE C</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Service Provider Information</b>  This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection.</b>
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For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

<b>A</b> Name of plan <b>ADVANCED TECHNOLOGY &amp; RESEARCH CORP. 401(K) RETIREMENT PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶	<b>001</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>ADVANCED TECHNOLOGY &amp; RESEARCH CORP.</b>	<b>D</b> Employer Identification Number (EIN) <b>52-0977059</b>	

**Part I Service Provider Information (see instructions)**

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

**CAPITAL GROUP RETIREMENT PLAN SVCS.**

**82-4555287**

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

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

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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)

BDO USA, P.C.

13-5381590

(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?
10	AUDITOR	25266	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

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

CAPITAL GROUP RETIREMENT PLAN SVCS.

82-4555287

(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?
64 52 60 62 25 49 72 37	RECORDKEEPER	2290	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

(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 <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

**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.

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

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

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>SCHEDULE H</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Financial Information</b>  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).  ▶ <b>File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection</b>
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For calendar plan year 2024 or fiscal plan year beginning <b>01/01/2024</b> and ending <b>12/31/2024</b>	
<b>A</b> Name of plan <b>ADVANCED TECHNOLOGY &amp; RESEARCH CORP. 401(K) RETIREMENT PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶ <b>001</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>ADVANCED TECHNOLOGY &amp; RESEARCH CORP.</b>	<b>D</b> Employer Identification Number (EIN) <b>52-0977059</b>

<b>Part I</b>	<b>Asset and Liability Statement</b>
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**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.

		(a) Beginning of Year	(b) End of Year
<b>Assets</b>			
<b>a</b> Total noninterest-bearing cash .....	<b>1a</b>	0	0
<b>b</b> Receivables (less allowance for doubtful accounts):			
<b>(1)</b> Employer contributions .....	<b>1b(1)</b>	0	0
<b>(2)</b> Participant contributions .....	<b>1b(2)</b>	0	0
<b>(3)</b> Other .....	<b>1b(3)</b>	0	0
<b>c</b> General investments:			
<b>(1)</b> Interest-bearing cash (include money market accounts & certificates of deposit) .....	<b>1c(1)</b>	957135	924712
<b>(2)</b> U.S. Government securities .....	<b>1c(2)</b>	0	0
<b>(3)</b> Corporate debt instruments (other than employer securities):			
<b>(A)</b> Preferred .....	<b>1c(3)(A)</b>	0	0
<b>(B)</b> All other .....	<b>1c(3)(B)</b>	0	0
<b>(4)</b> Corporate stocks (other than employer securities):			
<b>(A)</b> Preferred .....	<b>1c(4)(A)</b>	0	0
<b>(B)</b> Common .....	<b>1c(4)(B)</b>	0	0
<b>(5)</b> Partnership/joint venture interests .....	<b>1c(5)</b>	0	0
<b>(6)</b> Real estate (other than employer real property) .....	<b>1c(6)</b>	0	0
<b>(7)</b> Loans (other than to participants) .....	<b>1c(7)</b>	0	0
<b>(8)</b> Participant loans .....	<b>1c(8)</b>	71019	86714
<b>(9)</b> Value of interest in common/collective trusts .....	<b>1c(9)</b>	0	0
<b>(10)</b> Value of interest in pooled separate accounts .....	<b>1c(10)</b>		
<b>(11)</b> Value of interest in master trust investment accounts .....	<b>1c(11)</b>	0	0
<b>(12)</b> Value of interest in 103-12 investment entities .....	<b>1c(12)</b>	0	0
<b>(13)</b> Value of interest in registered investment companies (e.g., mutual funds) .....	<b>1c(13)</b>	21950260	26035303
<b>(14)</b> Value of funds held in insurance company general account (unallocated contracts) .....	<b>1c(14)</b>		
<b>(15)</b> Other .....	<b>1c(15)</b>	0	0

<b>1d</b> Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	<b>1d(1)</b>	0	0
(2) Employer real property.....	<b>1d(2)</b>	0	0
<b>e</b> Buildings and other property used in plan operation.....	<b>1e</b>	0	0
<b>f</b> Total assets (add all amounts in lines 1a through 1e).....	<b>1f</b>	22978414	27046729
<b>Liabilities</b>			
<b>g</b> Benefit claims payable.....	<b>1g</b>	0	0
<b>h</b> Operating payables.....	<b>1h</b>		
<b>i</b> Acquisition indebtedness.....	<b>1i</b>	0	0
<b>j</b> Other liabilities.....	<b>1j</b>	0	0
<b>k</b> Total liabilities (add all amounts in lines 1g through 1j).....	<b>1k</b>	0	0
<b>Net Assets</b>			
<b>l</b> Net assets (subtract line 1k from line 1f).....	<b>1l</b>	22978414	27046729

**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.

<b>Income</b>		(a) Amount	(b) Total
<b>a Contributions:</b>			
(1) Received or receivable in cash from: <b>(A)</b> Employers.....	<b>2a(1)(A)</b>	416831	
<b>(B)</b> Participants.....	<b>2a(1)(B)</b>	1094654	
<b>(C)</b> Others (including rollovers).....	<b>2a(1)(C)</b>	112794	
(2) Noncash contributions.....	<b>2a(2)</b>	0	1624279
(3) Total contributions. Add lines <b>2a(1)(A)</b> , <b>(B)</b> , <b>(C)</b> , and line <b>2a(2)</b> .....	<b>2a(3)</b>		
<b>b Earnings on investments:</b>			
<b>(1) Interest:</b>			
<b>(A)</b> Interest-bearing cash (including money market accounts and certificates of deposit).....	<b>2b(1)(A)</b>	40967	46499
<b>(B)</b> U.S. Government securities.....	<b>2b(1)(B)</b>	0	
<b>(C)</b> Corporate debt instruments.....	<b>2b(1)(C)</b>	0	
<b>(D)</b> Loans (other than to participants).....	<b>2b(1)(D)</b>	0	
<b>(E)</b> Participant loans.....	<b>2b(1)(E)</b>	5532	
<b>(F)</b> Other.....	<b>2b(1)(F)</b>	0	
<b>(G)</b> Total interest. Add lines <b>2b(1)(A)</b> through <b>(F)</b> .....	<b>2b(1)(G)</b>		
<b>(2) Dividends:</b>			
<b>(A)</b> Preferred stock.....	<b>2b(2)(A)</b>	0	1182830
<b>(B)</b> Common stock.....	<b>2b(2)(B)</b>	0	
<b>(C)</b> Registered investment company shares (e.g. mutual funds).....	<b>2b(2)(C)</b>	1182830	
<b>(D)</b> Total dividends. Add lines <b>2b(2)(A)</b> , <b>(B)</b> , and <b>(C)</b> .....	<b>2b(2)(D)</b>		
<b>(3)</b> Rents.....	<b>2b(3)</b>		0
<b>(4) Net gain (loss) on sale of assets:</b>			
<b>(A)</b> Aggregate proceeds.....	<b>2b(4)(A)</b>	0	0
<b>(B)</b> Aggregate carrying amount (see instructions).....	<b>2b(4)(B)</b>	0	
<b>(C)</b> Subtract line <b>2b(4)(B)</b> from line <b>2b(4)(A)</b> and enter result.....	<b>2b(4)(C)</b>		
<b>(5) Unrealized appreciation (depreciation) of assets:</b>			
<b>(A)</b> Real estate.....	<b>2b(5)(A)</b>	0	0
<b>(B)</b> Other.....	<b>2b(5)(B)</b>	0	
<b>(C)</b> Total unrealized appreciation of assets. Add lines <b>2b(5)(A)</b> and <b>(B)</b> .....	<b>2b(5)(C)</b>		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts .....	<b>2b(6)</b>		0
(7) Net investment gain (loss) from pooled separate accounts .....	<b>2b(7)</b>		0
(8) Net investment gain (loss) from master trust investment accounts .....	<b>2b(8)</b>		0
(9) Net investment gain (loss) from 103-12 investment entities .....	<b>2b(9)</b>		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds) .....	<b>2b(10)</b>		2921717
<b>c</b> Other income .....	<b>2c</b>		21852
<b>d</b> Total income. Add all <b>income</b> amounts in column (b) and enter total .....	<b>2d</b>		5797177

**Expenses**

<b>e</b> Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers .....	<b>2e(1)</b>	1701306	
(2) To insurance carriers for the provision of benefits .....	<b>2e(2)</b>	0	
(3) Other .....	<b>2e(3)</b>	0	
(4) Total benefit payments. Add lines <b>2e(1)</b> through <b>(3)</b> .....	<b>2e(4)</b>		1701306
<b>f</b> Corrective distributions (see instructions) .....	<b>2f</b>		0
<b>g</b> Certain deemed distributions of participant loans (see instructions) .....	<b>2g</b>		0
<b>h</b> Interest expense .....	<b>2h</b>		0
<b>i</b> Administrative expenses:			
(1) Salaries and allowances .....	<b>2i(1)</b>	0	
(2) Contract administrator fees .....	<b>2i(2)</b>	0	
(3) Recordkeeping fees .....	<b>2i(3)</b>	2290	
(4) IQPA audit fees .....	<b>2i(4)</b>	25266	
(5) Investment advisory and investment management fees .....	<b>2i(5)</b>	0	
(6) Bank or trust company trustee/custodial fees .....	<b>2i(6)</b>	0	
(7) Actuarial fees .....	<b>2i(7)</b>	0	
(8) Legal fees .....	<b>2i(8)</b>	0	
(9) Valuation/appraisal fees .....	<b>2i(9)</b>	0	
(10) Other trustee fees and expenses .....	<b>2i(10)</b>	0	
(11) Other expenses .....	<b>2i(11)</b>	0	
(12) Total administrative expenses. Add lines <b>2i(1)</b> through <b>(11)</b> .....	<b>2i(12)</b>		27556
<b>j</b> Total expenses. Add all <b>expense</b> amounts in column (b) and enter total .....	<b>2j</b>		1728862

**Net Income and Reconciliation**

<b>k</b> Net income (loss). Subtract line <b>2j</b> from line <b>2d</b> .....	<b>2k</b>		4068315
<b>l</b> Transfers of assets:			
(1) To this plan .....	<b>2l(1)</b>		
(2) From this plan .....	<b>2l(2)</b>		

**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: **BDO USA, P.C.**

(2) EIN: **13-5381590**

**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
<b>a</b> 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.)	X		2235
<b>b</b> Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		X	
<b>c</b> Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
<b>d</b> Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		X	
<b>e</b> Was this plan covered by a fidelity bond?	X		500000
<b>f</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
<b>g</b> 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?		X	
<b>h</b> 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?		X	
<b>i</b> Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
<b>j</b> Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)		X	
<b>k</b> Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
<b>l</b> Has the plan failed to provide any benefit when due under the plan?		X	
<b>m</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
<b>n</b> 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.)

<b>5b(1)</b> Name of plan(s)	<b>5b(2)</b> EIN(s)	<b>5b(3)</b> 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 \_\_\_\_\_.

<b>SCHEDULE R</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Retirement Plan Information</b>  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).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection.</b>
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

<b>A</b> Name of plan <u>ADVANCED TECHNOLOGY &amp; RESEARCH CORP. 401(K) RETIREMENT PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>001</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <u>ADVANCED TECHNOLOGY &amp; RESEARCH CORP.</u>	<b>D</b> Employer Identification Number (EIN) <u>52-0977059</u>	

<b>Part I</b>	<b>Distributions</b>
---------------	----------------------

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

**1** Total value of distributions paid in property other than in cash or the forms of property specified in the instructions..... 

1		0
---	--	---

**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): 20-3691658

**Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.**

**3** Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year..... 

3	
---	--

<b>Part II</b>	<b>Funding Information</b> (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.**

<b>6 a</b> Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) .....	<b>6a</b>	
<b>b</b> Enter the amount contributed by the employer to the plan for this plan year .....	<b>6b</b>	
<b>c</b> 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).....	<b>6c</b>	

**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

<b>Part III</b>	<b>Amendments</b>
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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

<b>Part IV</b>	<b>ESOPs</b> (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:

<b>a</b> The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: <input type="checkbox"/> last contributing employer <input type="checkbox"/> alternative <input type="checkbox"/> reasonable approximation (see instructions for required attachment).....	<b>14a</b>	
<b>b</b> The plan year immediately preceding the current plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....	<b>14b</b>	
<b>c</b> The second preceding plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....	<b>14c</b>	

**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:

<b>a</b> The corresponding number for the plan year immediately preceding the current plan year .....	<b>15a</b>	
<b>b</b> The corresponding number for the second preceding plan year .....	<b>15b</b>	

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

<b>a</b> Enter the number of employers who withdrew during the preceding plan year .....	<b>16a</b>	
<b>b</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 .....	<b>16b</b>	

**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 Q702508A.

**Advanced Technology  
& Research Corp.  
401(k) Retirement Plan**

**Financial Statements  
and ERISA-Required Supplemental Schedules  
As of December 31, 2024 and 2023  
and for the Year Ended December 31, 2024**

**Advanced Technology & Research Corp.**  
**401(k) Retirement Plan**

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Financial Statements and ERISA-Required Supplemental Schedules  
As of December 31, 2024 and 2023 and for the Year Ended December 31, 2024

# Advanced Technology & Research Corp. 401(k) Retirement Plan

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### ERISA-Required Supplemental Schedules

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## Independent Auditor's Report

Trustee

Advanced Technology & Research Corp. 401(k) Retirement Plan  
Beltsville, Maryland

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

We have performed audits of the financial statements of the Advanced Technology & Research Corp. 401(k) Retirement Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C). The financial statements comprise the statements of net assets available for benefits as of December 31, 2024 and 2023, and the related statement of changes in net assets available for benefits for the year ended December 31, 2024, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the 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 (DOL) Rules and Regulations for Reporting and Disclosure under ERISA (ERISA Section 103(a)(3)(C) audit). 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 (qualified institution), provided that the investment information is prepared and certified to by the qualified institution in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Management has obtained certifications from a qualified institution as of December 31, 2024 and 2023, and for the year ended December 31, 2024, 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 the procedures performed as described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report:

- 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 (GAAP); and
- the certified investment information in the accompanying financial statements agrees to, or is derived from, in all material respects, the information prepared and certified by a qualified 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 the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

### ***Responsibilities of Management for the Financial Statements***

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

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

Management is responsible for maintaining a current plan instrument, including all plan amendments. Management is also responsible for 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 the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the certifications, 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 GAAP.

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

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

***Other Matter – Supplemental Schedules Required by ERISA***

The supplemental schedules (Schedule H, Line 4a - Schedule of Delinquent Participant Contributions for the year ended December 31, 2024 and Schedule H, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2024) are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to



prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

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

In our opinion:

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

*BDO USA, P.C.*

October 15, 2025

## Financial Statements

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# Advanced Technology & Research Corp. 401(k) Retirement Plan

## Statements of Net Assets Available for Benefits

<i>December 31,</i>	<b>2024</b>	<b>2023</b>
<b>Assets</b>		
Investments, at fair value	\$ 26,960,015	\$ 22,907,395
Receivables:		
Employee contributions receivable	36,210	39,084
Employer contributions receivable	19,168	10,402
Notes receivable from participants	86,714	71,019
<b>Total Receivables</b>	<b>142,092</b>	<b>120,505</b>
<b>Net Assets Available for Benefits</b>	<b>\$ 27,102,107</b>	<b>\$ 23,027,900</b>

*See accompanying notes to financial statements.*

# Advanced Technology & Research Corp. 401(k) Retirement Plan

## Statement of Changes in Net Assets Available for Benefits

*Year ended December 31, 2024*

### Additions

Investment income:		
Net appreciation in fair value of investments	\$	2,921,717
Interest and dividends		1,223,797
Other income		21,852
<b>Total Investment Income</b>		<b>4,167,366</b>
Interest income on notes receivable from participants		5,532
Contributions:		
Participants		1,091,780
Rollovers		112,794
Employer		425,597
<b>Total Contributions</b>		<b>1,630,171</b>
<b>Total Additions</b>		<b>5,803,069</b>
Deductions		
Benefits paid to participants		1,701,306
Administrative expenses		27,556
<b>Total Deductions</b>		<b>1,728,862</b>
<b>Net Increase</b>		<b>4,074,207</b>
<b>Net Assets Available for Benefits, beginning of year</b>		<b>23,027,900</b>
<b>Net Assets Available for Benefits, end of year</b>	\$	<b>27,102,107</b>

*See accompanying notes to financial statements.*

# Advanced Technology & Research Corp. 401(k) Retirement Plan

## Notes to the Financial Statements

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### 1. Description of the Plan

The following description of the Advanced Technology & Research Corp. 401(k) Retirement Plan (the Plan) provides only general information. Participants should refer to the comprehensive Plan Document for a more complete description of the Plan's provisions.

#### *General*

The Plan is a defined contribution profit sharing plan with 401(k) salary deferral provisions covering all employees of Advanced Technology & Research Corp. (the Company), with the exception of certain nonresident aliens who have no earned income from sources within the United States of America. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA), as amended.

#### *Trustee and Administration of the Plan*

Empower Retirement, LLC (Empower) is the recordkeeper of the Plan and the appointed trustee of the Plan is Capital Bank and Trust Company (CB&T). The Plan is administered by the Employee Benefit Committee of the Company. An Investment Committee comprised of Company employees has been established to review and advise the Employee Benefit Committee on the investment funds utilized by the Plan and to communicate performance. CB&T holds all assets of the Plan in accordance with the service provider contract with the Company.

#### *Contributions*

Eligible participants may contribute up to 50% of a participant's eligible compensation as defined in the Plan. The Plan includes an auto-enrollment provision whereby all newly eligible employees are automatically enrolled in the Plan unless they affirmatively elect not to participate in the Plan. Automatically enrolled participants have their deferral rate set at 6% of eligible compensation and their contributions are invested in a designated balanced fund until changed by the participant. The Plan does not provide for automatic escalations of the automatic deferral percentage. In addition, the Plan allows for catch up contributions by employees aged 50 years and older before the end of the Plan year. Participants may also contribute amounts representing distributions from other qualified plans (rollover contributions), as defined in the Plan's provisions.

The Company may make a discretionary matching contribution as determined annually by the Board of Directors, for which participants are eligible after six months of service. For 2024, the Company elected to match 100% of each participant's deferral contributions up to \$150 and 50% of the next \$150 per pay period. The Company may also make a discretionary non-elective profit sharing contribution as determined annually by the Board of Directors. Participants are eligible for the discretionary non-elective profit sharing contribution after six months of service and must also be employed by the Company on the last day of the Plan year and have completed at least 501 hours of service during the Plan year. The Company made no discretionary non-elective profit sharing contribution to the Plan during the year ended December 31, 2024. Contributions are subject to certain Internal Revenue Service (IRS) limitations.

# Advanced Technology & Research Corp. 401(k) Retirement Plan

## Notes to the Financial Statements

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### *Participant Accounts*

Each participant's account is credited with the participant's contributions, including amounts rolled over from other qualified plans, and allocations of the Company's discretionary matching and profit sharing contributions, if any, and Plan earnings. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant earnings or account balances as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's account.

### *Vesting*

Participants employed with the Company before January 1, 2020 are immediately vested in all contributions, as well as actual earnings and losses thereon. Participants who become employed with the Company on or after January 1, 2020 are 100% vested in employer discretionary matching contributions upon attainment of retirement age of 65 or ratably over a three-year schedule as follows:

<u>Years of Service</u>	<u>Vesting (%)</u>
Less than one	25
One	50
Two	75
Three	100

### *Notes Receivable from Participants*

Participants may borrow from their vested account balance a minimum of \$1,000, up to a maximum equal to the lesser of (i) \$50,000, or (ii) 50% of their account balance reduced by the excess of the participant's highest outstanding note balance during the previous 12 months over the outstanding loan balance, if any, on the date the note is made. The notes are secured by the balance in the participant's account and bear interest at rates commensurate with the local prevailing rates as determined by the Plan Administrator at the time the loans were made. Terms may range from one to five years, or up to fifteen years for the purchase of a primary residence. Principal and interest are paid ratably through monthly payroll deductions.

### *Payment of Benefits*

Upon termination of service due to death, disability, retirement or any other reason, a participant or beneficiary may elect to receive either a lump-sum amount equal to the value of the participant's vested account balance or annuitized payments of the participant's vested account balance over time. Account balances under \$7,000 may only be paid out as a lump-sum.

Participants may also elect to withdraw amounts from their accounts in the event of a proven financial hardship.

### *Forfeitures*

At December 31, 2024 and 2023, forfeited accounts totaled \$0 . Forfeited accounts are utilized to reduce Plan expenses and employer contributions. During the year ended December 31, 2024, forfeitures totaling \$13,516 were used to fund employer contributions.

# Advanced Technology & Research Corp. 401(k) Retirement Plan

## Notes to the Financial Statements

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### 2. Summary of Significant Accounting Policies

#### *Basis of Accounting*

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

#### *Use of Estimates*

The preparation of financial statements in conformity with GAAP requires the Plan Administrator to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from estimated amounts.

#### *Investment Valuation and Income Recognition*

Investments are reported at fair value. Fair value is the price that would be received to sell an asset in an orderly transaction between market participants at the measurement date. The Plan Administrator determines the Plan's valuation policies utilizing information provided by the investment trustee. See Note 4 for further information related to fair value measurements.

Purchases and sales of securities are recognized principally on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

#### *Contributions Receivable*

Participant contributions and any related employer matching contributions are recognized in the period during which the Company makes the respective payroll deduction from the participant's compensation.

#### *Notes Receivable from Participants*

Notes receivable from participants are measured at the unpaid principal balances plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. If a participant ceases to make loan repayments and the Plan Administrator deems the participant loan to be in default, the participant loan balance is reduced and a benefit payment is recorded.

#### *Payment of Benefits*

Benefits are recorded when paid.

#### *Administrative Expenses*

Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment-related expenses are included in net appreciation of fair value of investments.

# Advanced Technology & Research Corp. 401(k) Retirement Plan

## Notes to the Financial Statements

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### *Revenue Credits*

The Plan's trust agreement with American Funds provides for a participant revenue credit arrangement, whereby the trustee allocates quarterly deposits into the accounts of eligible participants who are invested in certain funds. Unallocated revenue credits at December 31, 2024 and 2023 are \$62,685 and \$65,170, respectively. During 2024, the Plan received credit of approximately \$19,735, which is included in other income in the statement of changes in net assets available for benefits.

### **3. Certified Investment Information**

Certain information disclosed in the accompanying financial statements and ERISA-required supplemental schedule of assets (held at end of year), including investments and notes receivable from participants held at December 31, 2024 and 2023, net appreciation in fair value of investments, interest and dividend income, and interest income on notes receivable from participants for the year ended December 31, 2024, was obtained by management and agreed to or derived from information certified as complete and accurate by CB&T, a qualified institution.

### **4. Fair Value Measurements**

The framework for measuring fair value 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) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy under Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 820, *Fair Value Measurement*, are described as follows:

*Level 1* - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

*Level 2* - Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets.
- Quoted prices for identical or similar assets or liabilities in inactive markets.
- Inputs other than quoted prices that are observable for the asset or liability.
- Inputs that are derived principally from, or corroborated by, observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

*Level 3* - Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

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 at December 31, 2024 and 2023.

# Advanced Technology & Research Corp. 401(k) Retirement Plan

## Notes to the Financial Statements

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.

**Mutual Funds and Money Market Funds:** Mutual funds and money market funds are valued at the daily closing price as reported by the fund. Mutual funds and money market funds held by the Plan are open-ended funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds and money market funds held by the Plan are deemed to be actively traded.

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

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value:

### ***December 31, 2024***

	Level 1	Level 2	Level 3	Total
Assets in the fair value hierarchy:				
Mutual funds	\$ 26,035,303	\$ -	\$ -	\$ 26,035,303
Money market fund	924,712	-	-	924,712
<b>Total Assets, at fair value</b>	<b>\$ 26,960,015</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 26,960,015</b>

### ***December 31, 2023***

	Level 1	Level 2	Level 3	Total
Assets in the fair value hierarchy:				
Mutual funds	\$ 21,950,260	\$ -	\$ -	\$ 21,950,260
Money market fund	957,135	-	-	957,135
<b>Total Assets, at fair value</b>	<b>\$ 22,907,395</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 22,907,395</b>

## **5. Related Party and Party-in-Interest Transactions**

Certain Plan investments are managed by American Funds, which is owned by The Capital Group Companies, which also owns CB&T. As a result, American Funds and Empower, as the recordkeeper, qualifies as a party-in-interest to the Plan with respect to transactions related to these funds and are exempt under the prohibited transaction rules of ERISA. Fees paid by the Plan for investment management services are included in net appreciation in fair value of investments as they are paid through revenue sharing rather than a direct payment. Notes receivable from participants are also considered to be exempt party-in-interest transactions.

# Advanced Technology & Research Corp. 401(k) Retirement Plan

## Notes to the Financial Statements

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### 6. Income Tax Status

The Plan uses a pre-approved plan document sponsored by Capital Group Retirement Plan Services. The Plan received an opinion letter from the IRS, dated June 30, 2020, which states that the pre-approved plan document, as then designed, satisfies the applicable provisions of the Internal Revenue Code (IRC). Although the Plan has been amended since the date of the opinion letter, Plan management believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC.

GAAP requires plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no IRS examinations for any tax periods in progress.

### 7. Prohibited Transactions

During the years ended December 31, 2024 and 2023, the Company failed to segregate and remit in a timely manner certain participant contributions (salary reduction amounts) from its assets within the required time period as specified by the United States DOL Regulation 2510.3012. Failure to segregate and remit contributions within the specified time period is a prohibited transaction according to the provisions of ERISA and the IRC. The Company remitted these contributions to the Plan shortly after the required time frame. The late remittances related to the 2023 Plan year were corrected during 2024. The Company had late remittances to the plan in 2024 and these were corrected in 2024.

### 8. Risks and Uncertainties

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

### 9. 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 that the Plan is terminated, participants would become 100% vested in their accounts.

# Advanced Technology & Research Corp. 401(k) Retirement Plan

## Notes to the Financial Statements

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### 10. Reconciliation to the Form 5500

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

<i>December 31,</i>	<b>2024</b>	<b>2023</b>
<b>Net Assets Available for Benefits</b> , per financial statements	\$ 27,102,107	\$ 23,027,900
Difference in employee contributions receivable on the financial statements and per the Form 5500	(36,210)	(39,084)
Difference in employer contributions receivable on the financial statements and per the Form 5500	(19,168)	(10,402)
<b>Net Assets Available for Benefits</b> , per Form 5500	\$ 27,046,729	\$ 22,978,414

The following is a reconciliation of the change in net assets available for benefits per the financial statements to the Form 5500:

*Year ended December 31, 2024*

<b>Net Increase in Net Assets Available for Benefits</b> , per financial statements	\$ 4,074,207
Plus: differences in employee and employer contributions receivable as of December 31, 2023	49,486
Less: differences in employee and employer contributions receivable as of December 31, 2024	(55,378)
<b>Net Increase in Net Assets Available for Benefits</b> , per Form 5500	\$ 4,068,315

### 11. Subsequent Events

Plan management has evaluated subsequent events through October 15, 2025, the date the financial statements were available to be issued. Plan management is not aware of any subsequent events which would require recognition or disclosure in the financial statements.

## ERISA-Required Supplemental Schedules

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# Advanced Technology & Research Corp. 401(k) Retirement Plan

## Schedule H, Line 4a - Schedule Delinquent Participant Contributions

EIN: 52-0977059  
Plan Number: 001

*Year ended December 31, 2024*

	Total That Constitutes Nonexempt Prohibited Transactions: \$130,674						
Participant Contributions Transferred Late to Plan	Contributions Not Corrected	Contributions Corrected Outside VFCP*	Contributions Pending Correction in VFCP*				Total Fully Corrected Under VFCP* and PTE** 2002-51
Check here if late participant loan repayments are included [X]:							
2024	\$ -	\$ 128,439	\$ -	\$ -			-
2023	-	2,235	-	-			-

\* Voluntary Fiduciary Correction Program (DOL).

\*\* Prohibited Transaction Exemption (DOL).

# Advanced Technology & Research Corp. 401(k) Retirement Plan

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

EIN: 52-0977059

Plan Number: 001

December 31, 2024

(a)	(b)	(c)	(d)	(e)
		Description of Investments, Including Maturity Date, Rate of Interest Collateral, Par or Maturity Value	Cost	Current Value
Identity of Issuer, Borrower, Lessor, or Similar Party				
*	American Funds The Growth Fund of America R4	Mutual Fund	**	\$ 4,557,423
	iShares S&P 500 Index Fund Investor A	Mutual Fund	**	3,498,971
	Virtus Zevenbergen Technology Fund A	Mutual Fund	**	3,358,298
*	American Funds 2025 Target Date Fund R4	Mutual Fund	**	2,291,181
*	American Funds Washington Mutual R4	Mutual Fund	**	1,819,415
*	American Funds 2030 Target Date Fund R4	Mutual Fund	**	1,320,029
*	American Funds 2055 Target Date Fund R4	Mutual Fund	**	1,158,682
*	American Funds U.S. Government Money Market Fund R4	Money Market Fund	**	924,712
*	American Funds 2040 Target Date Fund R4	Mutual Fund	**	887,764
*	American Funds American High-Income Trust R4	Mutual Fund	**	807,387
*	American Funds Capital World Growth and Income Fund R4	Mutual Fund	**	780,561
	PIMCO Total Return Fund A	Mutual Fund	**	752,426
	Invesco Main Street Mid Cap Fund A	Mutual Fund	**	708,089
*	American Funds 2050 Target Date Fund R4	Mutual Fund	**	648,164
*	American Funds 2060 Target Date Fund R4	Mutual Fund	**	560,121
	Virtus NFJ Mid-Cap Value Fund A	Mutual Fund	**	470,957
*	American Funds EuroPacific Growth Fund R4	Mutual Fund	**	470,358
*	American Funds New World Fund R4	Mutual Fund	**	463,758
	PGIM Total Return Bond Fund A	Mutual Fund	**	400,877
*	American Funds 2065 Target Date Fund R4	Mutual Fund	**	291,444
*	American Funds 2020 Target Date Fund R4	Mutual Fund	**	258,114
	Columbia Small Cap Index Fund A	Mutual Fund	**	203,849
*	American Funds SMALLCAP World Fund R4	Mutual Fund	**	111,497
*	American Funds 2015 Target Date Fund R4	Mutual Fund	**	81,704
*	American Funds 2045 Target Date Fund R4	Mutual Fund	**	57,798
*	American Funds Inflation Linked Bond Fund Class R4	Mutual Fund	**	44,470
*	American Funds 2035 Target Date Fund R4	Mutual Fund	**	28,142
*	American Funds 2010 Target Date Fund R4	Mutual Fund	**	2,019
	Templeton Global Bond Fund A	Mutual Fund	**	1,805
<b>Total Investments, per the Financial Statements</b>				<b>26,960,015</b>
*	<b>Participant Loans</b>	Interest rates ranging from 3.75% to 9.00%	\$ -	86,714
<b>Total Investments, per the Form 5500</b>				<b>\$ 27,046,729</b>

\* Party-in-interest as defined by ERISA.

\*\* Historical cost information is not required as all investments are participant directed.

**Schedule H/I, Line 4a**  
**Schedule of Delinquent Participant Contributions**

Name of Plan:

▶ Advanced Technology & Research Corp. 401(k) Retirement Plan

Employer Identification No.: ▶ 52-0977059

Plan year (beginning/ending): ▶ 01/01/2024 - 12/31/2024    Plan number: ▶ 001

Participant Contributions Transferred Late to Plan	Total that Constitute Nonexempt Prohibited Transactions			Total Fully Corrected Under VFCP and PTE 2002-51
	Contributions Not Corrected	Contributions Corrected Outside VFCP	Contributions Pending Correction in VFCP	
<input checked="" type="checkbox"/> Check here if Late Participant Loan Repayments are included:	2,235			

**SCHEDULE OF ASSETS (HELD AT END OF YEAR)**

Advanced Technology &amp; Research Corp. 401(k) Retirement Plan

01-JAN-24 to 31-DEC-24

02-JAN-25 22:15:39

INVESTMENT OPTION	MATURITY DATE	INTEREST RATE	COST OF ASSETS	CURRENT VALUE
IRREX			452,243.81	470,357.80
IRGAEX			3,126,838.87	4,557,422.87
IRNWEX			355,999.87	463,758.11
IRSLEX			90,342.98	111,497.01
IPQMAX			457,198.53	470,956.90
IRAGTX			2,733,842.72	3,358,298.10
INMSAX			215,797.43	203,849.20
IOPMSX			596,521.41	708,088.83
IRWIEX			596,879.86	780,560.69
IRWMEX			1,424,087.10	1,819,415.18
IBSPAX			2,012,006.16	3,498,970.57
IRITEX			827,661.55	807,387.26
IRILDY			51,515.35	44,470.30
IPTTAX			832,014.95	752,426.27
IPDBAX			470,096.09	400,876.96
ITPINX			2,937.29	1,805.14
IRADXX			861,803.08	862,026.58
IRDATX			1,926.71	2,016.69
IRDBTX			80,590.11	81,704.23
IRDCTX			252,480.70	258,114.30
IRDDTX			2,197,127.01	2,291,181.47
IRDETX			1,155,071.28	1,320,029.37
IRDFTX			23,378.63	28,141.64
IRDGTX			704,109.32	887,764.02
IRDHTX			48,019.18	57,797.74
IRDITX			497,128.16	648,164.27
IRDJTX			855,656.28	1,158,682.43
IRDKTX			485,017.24	560,121.46
IRDLTX			273,041.05	291,444.43
			<b>21,681,332.72</b>	<b>26,897,329.82</b>
PARTICIPANT LOANS				
	VARIOUS	3.750-9.000	86,422.31	86,713.68
FORFEITURES			62,685.01	62,685.01

Attachment to Form 5500, Schedule H, Part 4, Item I  
EIN # 520977059

**SCHEDULE OF ASSETS (HELD AT END OF YEAR)**

GA

Advanced Technology &amp; Research Corp. 401(k) Retirement Plan

01-JAN-24 to 31-DEC-24

02-JAN-25 22:15:39

INVESTMENT OPTION	MATURITY DATE	INTEREST RATE	COST OF ASSETS	CURRENT VALUE
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## LEGEND

## INVESTMENT OPTION:

IREREX	American Funds EuroPacific Gr R4	IRGAEX	American Funds Growth Fund of Amer R4
IRNWEX	American Funds New World Fund R4	IRSLEX	American Funds SMALLCAP World R4
IPQNAAX	Virtus NFJ Mid-Cap Value A	IRAGTX	Virtus Zevenbergen Technology A
INMSAX	Columbia Small Cap Index A	IOPMSX	Invesco Main Street Mid Cap A
IRWIEX	American Funds Capital World G/I R4	IRWMEX	American Funds Washington Mutual R4
IBSPAX	iShares S&P 500 Index A	IRITEX	American Funds American Hi Inc Tr R4
IRILDXX	American Funds Inflation Linked Bd Fd R4	IPTTAX	PIMCO Total Return A
IPDBAX	PGIM Total Return Bond A	ITPINX	Templeton Global Bond A
IRADXX	American Funds US Govt Money Market R4	IRDATX	American Funds 2010 Target Date Fund R4
IRDBTX	American Funds 2015 Target Date Fund R4	IRDCTX	American Funds 2020 Target Date Fund R4
IRDDTX	American Funds 2025 Target Date Fund R4	IRDETX	American Funds 2030 Target Date Fund R4
IRDFTX	American Funds 2035 Target Date Fund R4	IRDGTX	American Funds 2040 Target Date Fund R4
IRDHTX	American Funds 2045 Target Date Fund R4	IRDITX	American Funds 2050 Target Date Fund R4
IRDJTX	American Funds 2055 Target Date Fund R4	IRDKTX	American Funds 2060 Target Date Fund R4
IRDLTX	American Funds 2065 Target Date Fund R4		

COST OF ASSETS: The original cost of the assets in each investment option as of the last day of the plan year

CURRENT VALUE: The value of all assets in each investment option as of the last day of the plan year