

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2023 This Form is Open to Public Inspection
--	---	---

Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____ ☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information
1a	Name of plan FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION RETIREMENT SAVINGS PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 01/01/2001
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) FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION 10 THOMAS IRVINE, CA 92618
2b	Employer Identification Number (EIN) 33-0688872
2c	Plan Sponsor's telephone number 949-297-9741
2d	Business code (see instructions) 339900

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.	10/09/2024	JAVAD MOKHBERY
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/09/2024	JAVAD MOKHBERY
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 176
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 149 6a(2) 162 6b 0 6c 22 6d 184 6e 0 6f 184 6g(1) 166 6g(2) 173 6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:
 2E 2F 2G 2J 2K 2T 3D

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

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

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

a Pension Schedules

- (1) ☒ **R** (Retirement Plan Information)
- (2) ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary
- (4) ☐ **DCG** (Individual Plan Information) – Number Attached _____
- (5) ☐ **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

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

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2023 Form M-1 annual report. If the plan was not required to file the 2023 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE 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 2023 This Form is Open to Public Inspection
--	--	--

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A Name of plan FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION	D Employer Identification Number (EIN) 33-0688872

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
JOHN HANCOCK LIFE INSURANCE COMPANY USA

(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
01-0233346	65838	129219	173	01/01/2023	12/31/2023

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 25018	(b) Total amount of fees paid 8833
---	---------------------------------------

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
VIJAY AHUJA
21331 COSTANSO ST.
WOODLAND HILLS, CA 91364

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
25018			3

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
R-TECH CONSULTANTS, INC.
21331 COSTANSO ST.
WOODLAND HILLS, CA 91364

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
	8833	TPA FEES PAID AND COMPENSATION	5

(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	0
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	11322210

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 ▶ **GROUP ANNUITY****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	
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 C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection.

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

A Name of plan FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION	D Employer Identification Number (EIN) 33-0688872

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).....

X

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
JOHN HANCOCK LIFE INSURANCE COMPANY	
01-0233346	

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

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

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

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

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

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

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

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

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

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

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

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

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

JOHN HANCOCK LIFE INSURANCE COMPANY

01-0233346

(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?
15	RECORDKEEPER	2013	Yes ☐ No ☒	Yes ☐ No ☒	750	Yes ☐ No ☒

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

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

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

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

Part I Service Provider Information (continued)

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
---	---	---

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

A Name of plan FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ▶ 001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION	D Employer Identification Number (EIN) 33-0688872

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
--------	---

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2065

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 303095
-------------------------	-----------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2060

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 588153
-------------------------	-----------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2055

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1494768
-------------------------	-----------------	--

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2050

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 603330
-------------------------	-----------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2045

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1741680
-------------------------	-----------------	--

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2040

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 646700
-------------------------	-----------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2035

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 430814
-------------------------	-----------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2030		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 154262
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2025		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 617404
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET 2020		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 7693
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TARGET RET INCOME		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 279273
a Name of MTIA, CCT, PSA, or 103-12 IE: JH LIFESTYLE BLEND GROWTH		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 184246
a Name of MTIA, CCT, PSA, or 103-12 IE: JH LIFESTYLE BLEND BALANCED		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 97050
a Name of MTIA, CCT, PSA, or 103-12 IE: JH LIFESTYLE BLEND MODERATE		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 229464
a Name of MTIA, CCT, PSA, or 103-12 IE: JH LIFESTYLE BLN CONSERVATIVE		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 18081
a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN CENTURY HERITAGE		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 19792
a Name of MTIA, CCT, PSA, or 103-12 IE: INVESCO SMALL CAP GROWTH		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 14119

a Name of MTIA, CCT, PSA, or 103-12 IE: JP MORGAN SMID CAP FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 7442
a Name of MTIA, CCT, PSA, or 103-12 IE: REAL EST. SECURITIES FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 911
a Name of MTIA, CCT, PSA, or 103-12 IE: SCIENCE AND TECHNOLOGY FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 133947
a Name of MTIA, CCT, PSA, or 103-12 IE: SMALL CAP INDEX FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 885
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD ENERGY FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 76232
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD MID-CAP GROWTH ETF		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 246247
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD MID-CAP VALUE ETF		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 239256
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD SMALL CAP GROWTH INDEX		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 15507
a Name of MTIA, CCT, PSA, or 103-12 IE: WISDOM TREE MID CAP DIVIDEND ETF		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 940
a Name of MTIA, CCT, PSA, or 103-12 IE: 500 INDEX FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 46407

a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN FUNDS NEW PERSPECTIVE			
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	77850
a Name of MTIA, CCT, PSA, or 103-12 IE: INVESTMENT COMPANY OF AMERICA			
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	625981
a Name of MTIA, CCT, PSA, or 103-12 IE: WASHINGTON MUTUAL INVESTORS			
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	20547
a Name of MTIA, CCT, PSA, or 103-12 IE: DFA INTL SMALL CAP VALUE			
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	54388
a Name of MTIA, CCT, PSA, or 103-12 IE: FIDELITY CONTRA FUND			
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	382120
a Name of MTIA, CCT, PSA, or 103-12 IE: TOTAL STOCK MARKET INDEX FUND			
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	56838
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD GROWTH INDEX FUND			
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	760372
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TOT WLD STK INDEX ETF			
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	20937
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD VALUE INDEX FUND			
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	424169
a Name of MTIA, CCT, PSA, or 103-12 IE: AF AMERICAN BALANCED FUND			
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	71126

a Name of MTIA, CCT, PSA, or 103-12 IE: MFS UTILITIES FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 43415
a Name of MTIA, CCT, PSA, or 103-12 IE: DFA INFLATION-PROTECTED SEC		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 53051
a Name of MTIA, CCT, PSA, or 103-12 IE: FEDERATED HIGH YIELD BOND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 69279
a Name of MTIA, CCT, PSA, or 103-12 IE: JOHN HANCOCK BOND FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 47545
a Name of MTIA, CCT, PSA, or 103-12 IE: OPPORTUNISTIC FIXED INCOME		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1895
a Name of MTIA, CCT, PSA, or 103-12 IE: STRATEGIC INCOME OPP FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 11728
a Name of MTIA, CCT, PSA, or 103-12 IE: TOTAL BOND MARKET FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1813
a Name of MTIA, CCT, PSA, or 103-12 IE: NY LIFE INS. CO. ANCHOR ACCT		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 401458
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

Part II **Information on Participating Plans (to be completed by DFEs, other than DCGs)**

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

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

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

A Name of plan <u>FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION RETIREMENT SAVINGS PLAN</u>	B Three-digit plan number (PN) ► <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION</u>	D Employer Identification Number (EIN) <u>33-0688872</u>

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

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

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		<u>32</u>
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	<u>7230</u>	<u>7378</u>
(2) Participant contributions	1b(2)	<u>88</u>	
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	<u>183205</u>	<u>232391</u>
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)	<u>8783147</u>	<u>11322210</u>
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)		
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	8973670	11562011
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j	4577	
k Total liabilities (add all amounts in lines 1g through 1j)	1k	4577	
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	8969093	11562011

Part II Income and Expense Statement

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

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	485401	
(B) Participants	2a(1)(B)	1060990	
(C) Others (including rollovers)	2a(1)(C)	45790	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B), (C), and line 2a(2)	2a(3)		1592181
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	13126	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		13126
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B), and (C)	2b(2)(D)		
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		1804262
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		
c Other income	2c		33914
d Total income. Add all income amounts in column (b) and enter total	2d		3443483

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	808185	
(2) To insurance carriers for the provision of benefits.....	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		808185
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		10927
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees.....	2i(2)	27628	
(3) Recordkeeping fees.....	2i(3)		
(4) IQPA audit fees.....	2i(4)		
(5) Investment advisory and investment management fees	2i(5)		
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)	3825	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		31453
j Total expenses. Add all expense amounts in column (b) and enter total	2j		850565

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		2592918
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

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

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

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

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

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

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

(1) Name: **JLK ROSENBERGER, LLP**

(2) EIN: **27-1532099**

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

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

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		☒	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		☒	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		☒	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		☒	
e Was this plan covered by a fidelity bond?	☒		700000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		☒	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		☒	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)		☒	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		☒	
l Has the plan failed to provide any benefit when due under the plan?		☒	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		☒	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
---	--	---

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION	D Employer Identification Number (EIN) 33-0688872	

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

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

1	Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	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): 01-0233346		
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	

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

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

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

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

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

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

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for: a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment) b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment) c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14a 14b 14c	
15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to: a The corresponding number for the plan year immediately preceding the current plan year b The corresponding number for the second preceding plan year	15a 15b	
16 Information with respect to any employers who withdrew from the plan during the preceding plan year: a Enter the number of employers who withdrew during the preceding plan year 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	16a 16b	
17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐		

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

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐	
19 If the total number of participants is 1,000 or more, complete lines (a) and (b): a Enter the percentage of plan assets held as: Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____% High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____% b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets: ☐ 0-5 years ☐ 5-10 years ☐ 10-15 years ☐ 15 years or more	
20 PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20. a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☒ No b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box: ☐ Yes. ☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date. ☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date. ☐ No. Other. Provide explanation: _____	

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

21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? ☐ Yes ☒ No 21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2). ☒ Design-based safe harbor method ☐ "Prior year" ADP test ☒ "Current year" ADP test ☐ N/A	
22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter <u>06 / 30 / 2020</u> (MM/DD/YYYY) and the Opinion Letter serial number <u>Q703755A</u> .	

**FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION
RETIREMENT SAVINGS PLAN**

Financial Statements and
Independent Auditor's Report

December 31, 2023 and 2022

**FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION
RETIREMENT SAVINGS PLAN**

Financial Statements
and
Independent Auditor's Report

December 31, 2023 and 2022

Table of Contents

	<u>Page</u>
Independent Auditor's Report	1
Statements of Net Assets Available for Benefits As of December 31, 2023 and 2022	4
Statement of Changes in Net Assets Available for Benefits For the Year Ended December 31, 2023	5
Notes to the Financial Statements	6
Schedule of Assets (Held at End of Year) As of December 31, 2023	13

Independent Auditor's Report

To the Trustee of
FUTEK Advanced Sensor Technology Incorporation
Retirement Savings Plan

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

We have performed audits of the accompanying financial statements of the FUTEK Advanced Sensor Technology Incorporation Retirement Savings Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of December 31, 2023 and 2022, and the related statement of changes in net assets available for benefits for the year ended December 31, 2023, 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 Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of December 31, 2023 and 2022, and for the year ended December 31, 2023, stating that the certified investment information, as described in Note 5 to the financial statements, is complete and accurate.

Opinion

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

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

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. 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 audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

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

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

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

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards 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 generally accepted auditing standards, we:

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

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

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

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

Supplemental Schedule Required by ERISA

The supplemental Schedule H, Part IV, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2023 are presented for purposes of additional analysis and are not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with generally accepted auditing standards. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

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

In our opinion:

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

JLK Rosenberg, LLP

Irvine, California
October 10, 2024

FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION
RETIREMENT SAVINGS PLAN

Statements of Net Assets Available for Benefits
As of December 31, 2023 and 2022

	<u>2023</u>	<u>2022</u>
Assets		
Investments:		
Cash reserve account	\$ 32	\$ -
Pooled separate accounts, at fair value	<u>11,322,210</u>	<u>8,783,147</u>
Total investments	<u>11,322,242</u>	<u>8,783,147</u>
Receivables:		
Participant contributions	41,172	38,894
Employer contributions	25,319	25,007
Participant notes receivable	<u>232,391</u>	<u>183,205</u>
Total receivables	<u>298,882</u>	<u>247,106</u>
Total assets	<u>11,621,124</u>	<u>9,030,253</u>
Liabilities and Net Assets		
Excess contributions	<u>-</u>	<u>4,577</u>
Net assets available for benefits	<u>\$ 11,621,124</u>	<u>\$ 9,025,676</u>

FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION
RETIREMENT SAVINGS PLAN

Statement of Changes in Net Assets Available for Benefits
For the Year Ended December 31, 2023

Additions to net assets attributed to:

Investment gain:

Net appreciation in fair market value of investments	\$ <u>1,804,262</u>
--	---------------------

Contributions:

Participant contributions	1,063,356
Employer contributions	485,565
Rollover contributions	45,790
Other	<u>33,914</u>
Total contributions	<u>1,628,625</u>

Interest on notes receivable from participants	<u>13,126</u>
--	---------------

Total additions	<u>3,446,013</u>
-----------------	------------------

Deductions from net assets attributed to:

Benefits paid to participants	819,112
Administrative expenses	<u>31,453</u>
Total deductions	<u>850,565</u>

Net increase	2,595,448
--------------	-----------

Net assets available for benefits:

Beginning of year	<u>9,025,676</u>
-------------------	------------------

End of year	\$ <u><u>11,621,124</u></u>
-------------	-----------------------------

FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION RETIREMENT SAVINGS PLAN

Notes to the Financial Statements
December 31, 2023 and 2022

1. Description of Plan

The following description of the FUTEK Advanced Sensor Technology Incorporation Retirement Savings Plan (the “Plan”) provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a qualified retirement savings plan covering all eligible employees of FUTEK Advanced Sensor Technology Incorporation (the “Plan Sponsor” and “Plan Administrator”) who are at least 18 years old and are not members of a union. The Plan was established by the Plan Sponsor on January 1, 2001 to provide retirement benefits for its employees and is subject to the provisions of the Employee Retirement Income Security Act of 1974 as amended (ERISA).

In December 2013, a new Plan document was adopted, the Professional Pension Administrators, Inc. Prototype Non-Standardized Cash or Deferred Profit Sharing Plan. The effective date of this new plan document was January 1, 2014.

In November 2015, the Plan was amended and restated to meet the requirements of the Pension Protection Act of 2006, the Heroes Earnings Assistance and Relief Tax Act of 2008, and various other regulations and legislations. The effective date of this restated plan document was January 1, 2016.

In October 2016, the Plan was amended to adopt a cash or deferred profit sharing plan and is intended to meet the requirements of a Safe Harbor Cash or Deferred Profit Sharing Plan under Internal Revenue Code (IRC) sections 401(k)(12) and 401(m)(11). This amendment was effective January 1, 2017.

In October 2019, the Plan was amended to allow for Roth (after-tax) salary deferrals. This amendment is effective January 1, 2020.

Contributions

The Plan is a contributory plan whereby participants may contribute up to a maximum of 100% of pre-tax annual compensation not to exceed the dollar limit set by law of \$22,500 for 2023. Participants age 50 or older may elect to defer an additional \$6,500 of “catch up” contributions to the Plan. In addition, participants may also contribute amounts representing distributions from other qualified defined benefit or contribution plans. The Plan Sponsor makes a required contribution to the Plan: 100% of the first 3% of elective contributions and 50% of the next 2% of contributions for all eligible employees. For the 2023 plan year, the Plan Sponsor contributed \$485,565 to the Plan.

The Plan Sponsor may also make discretionary profit sharing contributions to the Plan in an amount determined by the Plan Sponsor, as defined in the Plan agreement. There were no such contributions for the year ended December 31, 2023.

**FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION
RETIREMENT SAVINGS PLAN**

Notes to the Financial Statements
December 31, 2023 and 2022

1. Description of Plan (Continued)

Participant Accounts

Each participant's individual account is credited with participant contributions, the Plan Sponsor's contributions and Plan investment earnings. Participants may choose to have their account balance deposited in various investment programs. Allocation of Plan investment earnings is based on the participant's account balance, as defined.

Vesting

Participants are immediately vested in their contributions and actual earnings thereon, as well as their account balance derived from Safe Harbor Match contributions. Safe Harbor Match contributions are vested immediately. The Plan Sponsor's profit sharing contributions is based on years of continuous service as follows:

<u>Years of Service</u>	<u>Vested Percentage</u>
2	20
3	40
4	60
5	80
6 or more	100

Notes Receivable from Participants

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. Loan terms range from 1 year to a maximum of 5 years (a maximum of 10 years if used to purchase participant's principal residence). A participant can only have one new loan per Plan Year. The loans are secured by the balance in the participant's account and bear interest at a rate commensurate with local prevailing rates as determined by the Plan Sponsor. Principal and interest is paid ratably through payroll deductions or participant payments. As of December 31, 2023 and 2022, notes receivable from participants amounted to \$232,391 and \$183,205, respectively, with annual interest rates ranging from 4.25% to 9.50% as of December 31, 2023.

Investment Options

Participants may self-direct employee and employer contributions into various investment options available. If participants do not direct the investment of applicable Plan accounts, their accounts will be invested in accordance with the default investment alternatives established under the Plan.

FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION

RETIREMENT SAVINGS PLAN

Notes to the Financial Statements
December 31, 2023 and 2022

1. Description of Plan (Continued)

Excess Contributions Payable

Amount payable to participants for contributions in excess of amounts allowed by the Internal Revenue Service are recorded as excess contributions owed to participants. As of December 31, 2023 and 2022, excess contributions payable are \$0 and \$4,577, respectively.

Payments of Benefits

Upon termination of service, a participant is entitled to receive, as benefits, a lump sum amount equal to the value of his/her account, distributed in accordance with the Plan.

Forfeitures

Forfeitures will first be used to pay any administrative expenses, and any remaining forfeitures will be used to reduce any Plan Sponsor matching contributions. As of December 31, 2023 and 2022, there was no forfeiture balance in the Plan.

2. Summary of Significant Accounting Policies

Basis of Accounting

The financial statements of the Plan are prepared using the accrual method of accounting. The Plan's investments are stated at fair value. Quoted market prices are used to value investments. Shares of registered investment companies are valued at quoted market prices, which represent the net asset value of shares held by the Plan at year-end.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires the Plan Sponsor to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. The Plan Sponsor believes that the estimates utilized in preparing its financial statements are reasonable and prudent. Actual results could differ from these estimates.

Investment Valuation and Income Recognition

The Plan's investments are reported at fair value. Purchases and sales of securities are recorded on a trade-date basis. Investment income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation in fair value of investments consists of realized gains and losses and the change in unrealized gains and losses in the Plan's investments. Realized gains and losses from the sale of investments are computed using the participant's cost basis in the investment aggregated at the Plan level. Net changes in unrealized appreciation/depreciation in investments represent the difference between the fair value of investments held at year-end and the cost of investments purchased in the current fiscal year or the fair value of investments held at the end of the preceding year.

FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION

RETIREMENT SAVINGS PLAN

Notes to the Financial Statements
December 31, 2023 and 2022

2. Summary of Significant Accounting Policies (Continued)

Participant Notes Receivable

Participant notes receivable are recorded at their unpaid principal balance plus any accrued but unpaid interest. Interest income on participant notes receivable is recorded when earned. Delinquent notes receivable from participants are recorded as a distribution based on the terms of the Plan document. Related fees are recorded as administrative expenses and are expensed when incurred.

Payments of Benefits

Benefit payments are recorded when paid.

Administrative Expenses

Plan administrative expenses are paid by either the Plan Sponsor or the Plan, as provided in the Plan agreement. Fees paid by the Plan for certain administrative expenses amounted to \$31,453 for the year ended December 31, 2023. Fees paid by the Plan Sponsor for administrative fees and trustee services amount to \$8,700 for the year ended December 31, 2023 and are excluded from these financial statements.

Subsequent Events

The Plan evaluated subsequent events through October 10, 2024, the date these financial statements were issued. There were no subsequent events that required recognition or additional disclosure in these financial statements.

3. Fair Value Measurements

Fair value is defined as the price that would be received from selling an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. When determining the fair value measurements for assets and liabilities required to be recorded at fair value, the Plan considers the principal or most advantageous market in which it would transact and considers assumptions that market participants would use when pricing the asset or liability, such as inherent risk, transfer restrictions, and risk of nonperformance.

The Plan maximizes the use of observable inputs and minimizes the use of unobservable inputs when measuring fair value. A financial instrument's categorization within the fair value hierarchy is based upon the lowest level of input that is significant to the following fair value measurement.

- Level 1: quoted prices in active markets for identical assets or liabilities;
- Level 2: inputs other than Level 1 that are observable, either directly or indirectly, such as quoted prices in active markets for similar assets or liabilities, quoted prices for identical or similar assets or liabilities in markets that are not active, or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities; or

FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION RETIREMENT SAVINGS PLAN

Notes to the Financial Statements
December 31, 2023 and 2022

3. Fair Value Measurements (Continued)

- Level 3: unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

Following is a description of the valuation methodologies used for assets measured at fair value.

- *Interest in pooled separate accounts:*
 - Pooled separate accounts are valued at the reported net asset value of the underlying fund and categorized as Level 1.

The table below sets forth by level, within the fair value hierarchy, the Plan's assets and fair value as of December 31, 2023.

Investments		Level 1		Level 2		Level 3		Total
Cash reserve account	\$	32	\$	-	\$	-	\$	32
Pooled separate accounts		11,322,210		-		-		11,322,210
Total investment in the fair value hierarchy	\$	<u>11,322,242</u>	\$	<u>-</u>	\$	<u>-</u>	\$	<u>11,322,242</u>

The table below sets forth by level, within the fair value hierarchy, the Plan's assets and fair value as of December 31, 2022.

Investments		Level 1		Level 2		Level 3		Total
Pooled separate accounts	\$	8,783,147	\$	-	\$	-	\$	8,783,147
Total investment in the fair value hierarchy	\$	<u>8,783,147</u>	\$	<u>-</u>	\$	<u>-</u>	\$	<u>8,783,147</u>

4. Party-in-interest Transactions

Certain Plan investments are units in pooled separate accounts and a group annuity contract managed by John Hancock. The Plan allows participants to borrow from their vested balances. These transactions qualify as party-in-interest transactions. All of these transactions are exempt from prohibited transaction rules under ERISA.

FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION

RETIREMENT SAVINGS PLAN

Notes to the Financial Statements
December 31, 2023 and 2022

5. Information Certified by the Custodian

The Plan administrator has elected the method of annual reporting compliance permitted by ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, the Custodian, a qualified institution, has certified that the following investment information included in the accompanying financial statements and supplemental schedule is complete and accurate: investments in the statements of net assets available for benefits as of December 31, 2023 and 2022; net appreciation in value of investments and interest and dividends in the statement of changes in net assets available for benefits for the year ended December 31, 2023; and the investment information included in the supplemental Schedule H, Part IV, Line 4i – Schedule of Assets (Held at End of Year) as of December 31, 2023.

6. Reconciliation of Financial Statements to the Form 5500

The following is a reconciliation of net assets available for benefits per the financial statements to Schedule H of Form 5500 at December 31, 2023 and 2022:

	2023	2022
Net assets available for benefits per the financial statements	\$ 11,621,124	\$ 9,025,676
Less: participant & employer receivables per financial statement	(66,491)	(63,901)
Add: participant & employer receivables per Form 5500	7,378	7,318
Net assets per Schedule H of Form 5500	<u>\$ 11,562,011</u>	<u>\$ 8,969,093</u>

The following is a reconciliation of net loss per the financial statements to the Schedule H of Form 5500 for the year ended December 31, 2023:

Net increase per the financial statements	\$ 2,595,448
Add: prior year participant receivable per financial statements	63,901
Less: prior year participant and employer receivables per Form 5500	(7,318)
Less: current year participant and employer receivable not included in Form 5500	<u>(59,113)</u>
Net increase per Schedule H of Form 5500	<u>\$ 2,592,918</u>

7. Risk 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 statement of net assets available for benefits.

The Plan may be adversely affected by health epidemics. Due to pandemics, the equity and bond markets, in which Plan assets are invested, could experience unusually high volatility and uncertainty. Although the Plan sponsor is continuing to monitor and assess the effects of potential pandemics on the Plan and its investments, the ultimate impact of the outbreak or a similar health epidemic is highly uncertain and subject to change.

FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION
RETIREMENT SAVINGS PLAN

Notes to the Financial Statements
December 31, 2023 and 2022

8. Plan Termination

Although they have not expressed any intent to do so, the Plan Sponsor has the right under the Plan to discontinue its contributions at any time and to terminate the Plan at any time by resolution of its Plan Sponsor subject to the provisions of ERISA. In the event of Plan termination, the respective accounts of the participants under the Plan shall become fully vested and non-forfeitable.

9. Prohibited Transactions

There were no prohibited party-in-interest transactions during the year ended December 31, 2023.

10. Tax Status

The Plan is a Non-Standard Pre-Approved Profit Sharing Plan by R-Tech Consultants, Inc. ("R-Tech"). The Internal Revenue Service ("IRS") has determined and informed R-Tech by a letter dated June 30, 2020, that the Plan and related trust are designed in accordance with applicable sections of the Internal Revenue Code ("IRC"). The Plan has not applied for an individual determination letter from the IRS. The Plan Sponsor and R-Tech believe that the Plan is designed and is currently being operated in compliance with applicable requirements of the IRC. Therefore, no provision for income taxes has been included in the Plan's financial statements.

Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the Plan. The financial statement effects are recognized when the Plan has taken an uncertain position that more likely than not would be sustained upon examination by the Internal Revenue Service. The Plan Administrator has analyzed the tax positions taken by the Plan and has concluded that as of December 31, 2023, there are no uncertain tax positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress

FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION
RETIREMENT SAVINGS PLAN

Schedule of Assets (Held at End of Year)
As of December 31, 2023

Employer identification number: 33-0688872

Plan number: 001

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

(a)	(b) Identity of Issues	(c) Description	(e) Current Value
<u>Cash reserve account:</u>			
*	John Hancock	Cash Reserve Account	\$ 32
<u>Pooled Separate Accounts:</u>			
	American Funds	American Balanced Fund	71,126
	American Funds	Washington Mutual Investors	20,547
	American Funds	Investment Company of America	625,981
	American Funds	New Perspective Fund	77,850
	American Funds	American Century Heritage	19,792
	DFA Investment Dimensions	DFA Inflation-Protected Sec	53,051
	DFA Investment Dimensions	DFA Intl Small Cap Value	54,388
	Federated Institutional	Federated High Yield Bond	69,279
	Fidelity	Fidelity ContraFund	382,120
	Invesco	Invesco Small Cap Growth	14,119
*	John Hancock	JH Multi-Index LS Conserv	18,081
*	John Hancock	JH Multi-Index LS Moderate	229,464
*	John Hancock	JH Multi-Index LS Balanced	97,050
*	John Hancock	JH Multi-Index LS Growth	184,246
*	John Hancock	John Hancock Bond Fund	47,545
*	John Hancock	Science & Technology Fund	133,947
*	John Hancock	Real Est. Securities Fund	911
*	John Hancock	Bond Market Fund	1,813
*	John Hancock	Strategic Income Opp Fund	11,728
*	John Hancock	Opportunistic Fixed Income	1,895
*	John Hancock	WisdomTree Mid Cap Dividend ETF	940
*	John Hancock	Small Cap Index Fund	885
	JPMorgan	JPMorgan Intrepid Mid Cap	7,442
	MFS	MFS Utilities Fund	43,415
	New York Life Insurance Company	NY Life Ins. Co. Anchor Acct	401,458
	Vanguard	Vanguard Target Ret Income	279,273
	Vanguard	Vanguard Target Ret 2020	7,693
	Vanguard	Vanguard Target Ret 2025	617,404
	Vanguard	Vanguard Target Ret 2030	154,262
	Vanguard	Vanguard Target Ret 2035	430,814
	Vanguard	Vanguard Target Ret 2040	646,700
	Vanguard	Vanguard Target Ret 2045	1,741,680
	Vanguard	Vanguard Target Ret 2050	603,330
	Vanguard	Vanguard Target Ret 2055	1,494,768
	Vanguard	Vanguard Target Ret 2060	588,153
	Vanguard	Vanguard Target Ret 2065	303,094
	Vanguard	Vanguard Value Index Fund	424,170
	Vanguard	Vanguard Tot Wld Stk Index ETF	20,937
	Vanguard	Vanguard Growth Index Fund	760,372
	Vanguard	Total Stock Market Index Fund	56,838
	Vanguard	500 Index Fund	46,407
	Vanguard	Vanguard Mid-Cap Value ETF	239,256
	Vanguard	Vanguard Mid-Cap Growth ETF	246,247
	Vanguard	Vanguard Small Cap Growth Index	15,507
	Vanguard	Vanguard Energy Fund	76,232
Pooled Sepate accounts Total			11,322,210
Investment subtotal			11,322,242
<u>Participant loans:</u>			
*	Plan Participants	Note receivable with maturities to 2036 and interest rates at 4.25% to 9.50%.	232,391
Totals			\$ 11,554,633
*	Party-in-interest		

See accompanying independent auditor's report.

FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION
RETIREMENT SAVINGS PLAN

Schedule of Assets (Held at End of Year)
As of December 31, 2023

Employer identification number: 33-0688872

Plan number: 001

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

(a)	(b) Identity of Issues	(c) Description	(e) Current Value
<u>Cash reserve account:</u>			
*	John Hancock	Cash Reserve Account	\$ 32
<u>Pooled Separate Accounts:</u>			
	American Funds	American Balanced Fund	71,126
	American Funds	Washington Mutual Investors	20,547
	American Funds	Investment Company of America	625,981
	American Funds	New Perspective Fund	77,850
	American Funds	American Century Heritage	19,792
	DFA Investment Dimensions	DFA Inflation-Protected Sec	53,051
	DFA Investment Dimensions	DFA Intl Small Cap Value	54,388
	Federated Institutional	Federated High Yield Bond	69,279
	Fidelity	Fidelity ContraFund	382,120
	Invesco	Invesco Small Cap Growth	14,119
*	John Hancock	JH Multi-Index LS Conserv	18,081
*	John Hancock	JH Multi-Index LS Moderate	229,464
*	John Hancock	JH Multi-Index LS Balanced	97,050
*	John Hancock	JH Multi-Index LS Growth	184,246
*	John Hancock	John Hancock Bond Fund	47,545
*	John Hancock	Science & Technology Fund	133,947
*	John Hancock	Real Est. Securities Fund	911
*	John Hancock	Bond Market Fund	1,813
*	John Hancock	Strategic Income Opp Fund	11,728
*	John Hancock	Opportunistic Fixed Income	1,895
*	John Hancock	WisdomTree Mid Cap Dividend ETF	940
*	John Hancock	Small Cap Index Fund	885
	JPMorgan	JPMorgan Intrepid Mid Cap	7,442
	MFS	MFS Utilities Fund	43,415
	New York Life Insurance Company	NY Life Ins. Co. Anchor Acct	401,458
	Vanguard	Vanguard Target Ret Income	279,273
	Vanguard	Vanguard Target Ret 2020	7,693
	Vanguard	Vanguard Target Ret 2025	617,404
	Vanguard	Vanguard Target Ret 2030	154,262
	Vanguard	Vanguard Target Ret 2035	430,814
	Vanguard	Vanguard Target Ret 2040	646,700
	Vanguard	Vanguard Target Ret 2045	1,741,680
	Vanguard	Vanguard Target Ret 2050	603,330
	Vanguard	Vanguard Target Ret 2055	1,494,768
	Vanguard	Vanguard Target Ret 2060	588,153
	Vanguard	Vanguard Target Ret 2065	303,094
	Vanguard	Vanguard Value Index Fund	424,170
	Vanguard	Vanguard Tot Wld Stk Index ETF	20,937
	Vanguard	Vanguard Growth Index Fund	760,372
	Vanguard	Total Stock Market Index Fund	56,838
	Vanguard	500 Index Fund	46,407
	Vanguard	Vanguard Mid-Cap Value ETF	239,256
	Vanguard	Vanguard Mid-Cap Growth ETF	246,247
	Vanguard	Vanguard Small Cap Growth Index	15,507
	Vanguard	Vanguard Energy Fund	76,232
Pooled Sepate accounts Total			11,322,210
Investment subtotal			11,322,242
<u>Participant loans:</u>			
*	Plan Participants	Note receivable with maturities to 2036 and interest rates at 4.25% to 9.50%.	232,391
Totals			\$ 11,554,633
*	Party-in-interest		

See accompanying independent auditor's report.

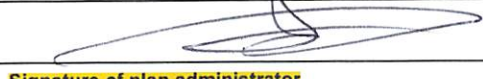
Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b), and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the Instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2023 This Form is Open to Public Inspection
---	---	---

Part I Annual Report Identification Information		
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A This return/report is for:	☐ a multiemployer plan;	☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.)
B This return/report is:	☒ a single-employer plan;	☐ a DFE (specify) _____
	☐ the first return/report;	☐ the final return/report;
	☐ an amended return/report;	☐ a short plan year return/report (less than 12 months).
C If the plan is a collectively-bargained plan, check here	☐	
D Check box if filing under:	☒ Form 5558;	☐ automatic extension;
	☐ special extension (enter description)	☐ the DFVC program;
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 FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION RETIREMENT SAVINGS PLAN	1b Three-digit plan number (PN) ▶	001
	1c Effective date of plan	01/01/2001
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) FUTEK ADVANCED SENSOR TECHNOLOGY INCORPORATION 10 THOMAS US IRVINE CA 92618	2b Employer Identification Number (EIN) 33-0688872	2c Plan Sponsor's telephone number (949) 297-9741
	2d Business code (see instructions) 339900	

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		10/09/2024	JAVAD MOKHBERY
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE		10/09/2024	JAVAD MOKHBERY
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2023)
v. 230728

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN and the plan name and the plan number from the last return/report: a Sponsor's name c Plan name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 176
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) 149
a(2) Total number of active participants at the end of the plan year	6a(2) 162
b Retired or separated participants receiving benefits	6b 0
c Other retired or separated participants entitled to future benefits	6c 22
d Subtotal. Add lines 6a(2), 6b, and 6c	6d 184
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits	6e 0
f Total. Add lines 6d and 6e	6f 184
g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item)	6g(1) 166
g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	6g(2) 173
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7

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

2E 2F 2G 2J 2K 2T 3D

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

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

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

a Pension Schedules

- (1) ☒ R (Retirement Plan Information)
- (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary
- (4) ☐ DCG (Individual Plan Information) - Number Attached _____
- (5) ☐ MEP (Multiple-Employer Retirement Plan Information)

b General Schedules

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

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2023 Form M-1 annual report. If the plan was not required to file the 2023 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____