

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 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
B This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	☐
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
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 ALTAIR SALARY REDUCTION PROFIT SHARING PLAN	1b Three-digit plan number (PN) ▶ 001
	1c Effective date of plan 02/01/1987
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) ALTAIR ENGINEERING, INC. 1820 EAST BIG BEAVER ROAD TROY, MI 48083	2b Employer Identification Number (EIN) 38-2591828 2c Plan Sponsor's telephone number 248-614-2400 2d Business code (see instructions) 511210

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.	09/28/2023	MATT BROWN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2022)
v. 220413

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 1603
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) 1064
a(2) Total number of active participants at the end of the plan year		6a(2) 1023
b Retired or separated participants receiving benefits		6b 0
c Other retired or separated participants entitled to future benefits.....		6c 561
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 1584
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 1
f Total. Add lines 6d and 6e		6f 1585
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 1478
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 56
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 2S 2T 3B 3D 3H		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply)		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		b General Schedules
(1) ☒ R (Retirement Plan Information)	(1) ☒ H (Financial Information)	
(2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary	(2) ☐ I (Financial Information – Small Plan)	
(3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	(3) ☐ 0 A (Insurance Information)	
	(4) ☒ C (Service Provider Information)	
	(5) ☒ D (DFE/Participating Plan Information)	
	(6) ☐ G (Financial Transaction Schedules)	

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan ALTAIR SALARY REDUCTION PROFIT SHARING PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 ALTAIR ENGINEERING, INC.	D Employer Identification Number (EIN) 38-2591828	

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. ☐ Yes ☒ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

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

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

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

GREGORY J SCHWARTZ & COMPANY INC

3707 W MAPLE RD
BLOOMFIELD HILLS, MI 48301

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27	INVESTMENT ADVISOR	179438	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

PLANTE AND MORAN PLLC

16060 COLLECTIONS CENTER DRIVE
CHICAGO IL
CHICAGO, IL 60693

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	AUDITOR	27900	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

EMPOWER ANNUITY INSURANCE COMPANY O

8515 EAST ORCHARD ROAD
GREENWOOD VILLAGE, CO 80111

84-0467907

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
64	RECORDKEEPER	0	Yes ☒ No ☐	Yes ☒ No ☐	0	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 2022 This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan ALTAIR SALARY REDUCTION PROFIT SHARING PLAN	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 ALTAIR ENGINEERING, INC.	D Employer Identification Number (EIN) 38-2591828	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: PUTNAM STABLE VALUE FUND		
b Name of sponsor of entity listed in (a): PUTNAM FIDUCIARY TRUST COMPANY		
c EIN-PN 04-3159710-202	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 15075296
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

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

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II **Information on Participating Plans (to be completed by DFEs)**

(Complete as many entries as needed to report all participating plans)

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

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>ALTAIR SALARY REDUCTION PROFIT SHARING 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>ALTAIR ENGINEERING, INC.</u>	D Employer Identification Number (EIN) <u>38-2591828</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	0	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	1438522	1419940
(2) Participant contributions.....	1b(2)	0	252845
(3) Other.....	1b(3)	0	0
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	0	0
(2) U.S. Government securities	1c(2)	0	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	0
(B) All other	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	0
(B) Common.....	1c(4)(B)	0	0
(5) Partnership/joint venture interests	1c(5)	0	0
(6) Real estate (other than employer real property)	1c(6)	0	0
(7) Loans (other than to participants).....	1c(7)	0	0
(8) Participant loans.....	1c(8)	854954	778307
(9) Value of interest in common/collective trusts.....	1c(9)	12055791	15075296
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)	0	0
(12) Value of interest in 103-12 investment entities	1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	205393598	168727772
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)	0	0

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	0	0
(2) Employer real property	1d(2)	0	0
e Buildings and other property used in plan operation	1e	0	0
f Total assets (add all amounts in lines 1a through 1e)	1f	219742865	186254160

Liabilities

g Benefit claims payable	1g	0	0
h Operating payables	1h		
i Acquisition indebtedness	1i	0	0
j Other liabilities	1j	0	0
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	219742865	186254160
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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)	1417940	
(B) Participants	2a(1)(B)	11129043	
(C) Others (including rollovers)	2a(1)(C)	1843444	
(2) Noncash contributions	2a(2)	0	14390427
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	0	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)	0	
(E) Participant loans	2b(1)(E)	37993	
(F) Other	2b(1)(F)	0	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		37993
(2) Dividends: (A) Preferred stock	2b(2)(A)	0	8871217
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	8871217	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		8871217
(3) Rents	2b(3)		0
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	0	0
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
(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)	0	0
(B) Other	2b(5)(B)	0	
(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)		317268
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-48319337
c Other income	2c		315357
d Total income. Add all income amounts in column (b) and enter total	2d		-24387075
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	8894293	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		8894293
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		0
i Administrative expenses: (1) Professional fees	2i(1)	27900	
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)	179437	
(4) Other	2i(4)	0	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		207337
j Total expenses. Add all expense amounts in column (b) and enter total	2j		9101630
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-33488705
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: **PLANTE MORAN, PLLC**

(2) EIN: **38-1357951**

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, 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.

During the plan year:

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.)

	Yes	No	Amount
4a		X	

	Yes	No	Amount
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.)			
4b		X	
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.)			
4c		X	
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.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
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.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

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

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

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

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE 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 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan ALTAIR SALARY REDUCTION PROFIT SHARING PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 ALTAIR ENGINEERING, INC.		D Employer Identification Number (EIN) 38-2591828
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): 84-1455663		
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		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

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:	14a		
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).....		14b	
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)			14c
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)			
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:	15a		
a The corresponding number for the plan year immediately preceding the current plan year.....		15b	
b The corresponding number for the second preceding plan year.....			
16 Information with respect to any employers who withdrew from the plan during the preceding plan year:	16a		
a Enter the number of employers who withdrew during the preceding plan year		16b	
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.....			
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) through (c)

a Enter the percentage of plan assets held as:
 Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

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 _____

Altair Salary Reduction Profit Sharing Plan

Financial Report
December 31, 2022

Altair Salary Reduction Profit Sharing Plan

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Independent Auditor's Report

To the Administrative Committee
Altair Salary Reduction Profit Sharing Plan

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

We have performed audits of the financial statements of Altair Salary Reduction Profit Sharing 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, 2022 and 2021 and the related statement of changes in net assets available for benefits for the years then ended and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. 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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of December 31, 2022 and 2021 and for the years then ended stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

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

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

Basis for Opinion

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

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with 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 within one year after the date that the financial statements are issued or 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 that may become due to such participants.

Auditor's Responsibilities for the Audits of the Financial Statements

Except as described in the *Scope and Nature of the ERISA Section 103(a)(3)(C) Audits* 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 audits conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is 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 audits in accordance with GAAS, we:

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

Our audits did not extend to the certified investment information except for obtaining and reading the certifications, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of GAAP.

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

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

To the Administrative Committee
Altair Salary Reduction Profit Sharing Plan

Supplemental Schedule Required by ERISA

The supplemental schedule of assets held at end of year as of December 31, 2022 is presented for the purpose of additional analysis and is not a required part of the financial statements but is supplemental information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the DOL'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 DOL'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).

Plante & Moran, PLLC

Clinton Township, Michigan
September 12, 2023

Altair Salary Reduction Profit Sharing Plan

Statement of Net Assets Available for Benefits

	December 31, 2022 and 2021	
	2022	2021
Assets		
Participant-directed investments at fair value:		
Mutual funds	\$ 168,727,772	\$ 205,393,598
Common collective trust funds	15,075,296	12,055,791
Total participant-directed investments at fair value	183,803,068	217,449,389
Contributions receivable	1,672,785	1,438,522
Participant notes receivable	778,307	854,954
Net Assets Available for Benefits	\$ 186,254,160	\$ 219,742,865

Altair Salary Reduction Profit Sharing Plan

Statement of Changes in Net Assets Available for Benefits

Years Ended December 31, 2022 and 2021

	2022	2021
Additions to Net Assets		
Contributions:		
Employee	\$ 11,129,043	\$ 11,561,080
Employer	1,417,940	1,393,591
Rollovers	1,843,444	2,935,689
Total contributions	14,390,427	15,890,360
Investment income (loss):		
Interest and dividends	9,188,485	17,644,886
Net realized and unrealized (losses) gains on investments	(48,319,337)	15,045,784
Total investment (loss) income - Net	(39,130,852)	32,690,670
Interest from participant notes receivable	37,993	37,814
Other income	108,020	202,592
Total additions to net assets - Net	(24,594,412)	48,821,436
Deductions from Net Assets - Benefits paid directly to participants or beneficiaries	8,894,293	15,608,800
Net (Decrease) Increase before Other Changes	(33,488,705)	33,212,636
Transfers In	-	1,125,437
Net (Decrease) Increase	(33,488,705)	34,338,073
Net Assets Available for Benefits		
Beginning of year	219,742,865	185,404,792
End of year	<u><u>\$ 186,254,160</u></u>	<u><u>\$ 219,742,865</u></u>

December 31, 2022 and 2021

Note 1 - Plan Description

The following description of Altair Salary Reduction Profit Sharing 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 defined contribution plan covering all employees of Altair Engineering, Inc. (the "Company") who are age 21 or older and not a member of a noncovered group. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Effective May 3, 2021, the United Devices Profit Sharing/401(k) Plan merged into the Plan. Accordingly, assets of approximately \$1.1 million were transferred into the Plan in May 2021.

Contributions

The Plan allows participants to defer a percentage of their compensation. The amount of a participant's contributions for any plan year may not exceed the applicable limit under the Internal Revenue Code. Participants may also make contributions to the Plan in the form of a rollover of funds from another qualified plan.

The Company may make employer matching contributions to the Plan at the discretion of the Company's board of directors. For the years ended December 31, 2022 and 2021, the Company's board of directors elected to match 50 percent of the first \$2,000 and 25 percent of the next \$4,000 contributed by each employee. The Company may also make qualified nonelective contributions and additional discretionary contributions, as approved by the Company's board of directors. There were no qualified nonelective contributions or additional discretionary contributions during 2022 or 2021.

Participant Accounts

Each participant's account is credited with the participant's contributions and allocations of the Company's contributions and plan earnings and charged with an allocation of administrative expenses. Allocations are based on participants' compensation or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account. Participants may direct the investments of their account balances into various investment options offered by the Plan.

Vesting

Participants are immediately 100 percent vested in employee salary and rollover contributions and any income or loss thereon, as well as 100 percent vested in qualified employer matching and qualified nonelective contributions. Vesting in the Company's nonqualified discretionary matching contribution, nonelective employer contribution, and other employer discretionary contribution portion of their accounts, plus actual earnings thereon, is based on years of credited service. A participant vests 20 percent for each year of credited service and becomes 100 percent vested after five years of credited service.

Participant Notes Receivable

Participants may borrow from their accounts a maximum of 50 percent of their account balances, not to exceed \$50,000, less the highest outstanding loan balance during the previous 12 months. Notes receivable are collateralized by the participant's account balance and bear interest at a market rate.

Party-in-interest Transactions

Certain plan assets at December 31, 2022 and 2021 are in investment funds managed by Empower Trust Company, LLC (Empower) (f/k/a Great-West Trust Company, LLC) or its affiliates. Empower is the trustee of the Plan; therefore, these transactions qualify as party-in-interest transactions, as defined under ERISA guidelines.

December 31, 2022 and 2021

Note 1 - Plan Description (Continued)

Benefit Payments

Upon reaching 59½ years of age or termination of service due to death, disability, or retirement, the participant or, in the case of death, the participant's beneficiary can elect to receive the participant's account balance in a single lump sum or in partial payments. The Plan also allows for in-service distributions from the participant's rollover balance.

Under the Plan, participants with vested account balances below certain amounts are required to automatically distribute their account balances upon termination.

Participants may request that all or a portion of their accounts be distributed in the case of severe financial hardship, as defined in the plan agreement.

Forfeitures

If a participant is not fully vested on his or her termination date, the nonvested amount of the account is forfeited. Forfeitures are used to first reduce future employer matching contributions; second, to offset plan expenses; and third, to reduce the employer's nonelective contribution.

Termination

While it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in the plan agreement and ERISA. Upon termination of the Plan, participants become 100 percent vested in their account balances.

Note 2 - Summary of Significant Accounting Policies

Investment Valuation and Income Recognition

Investments held by the Plan are stated at fair value. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. See Note 5 for further discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded as earned. Dividends are recorded on the ex-dividend date.

Participant Notes Receivable

Participant notes receivable are recorded at their unpaid principal balances plus any accrued interest. Participant notes receivable are written off when deemed uncollectible.

Benefit Payments

Benefits are recorded when paid.

Risks and Uncertainties

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

December 31, 2022 and 2021

Note 2 - Summary of Significant Accounting Policies (Continued)

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of additions and deductions during the reporting period. Actual results could differ from those estimates.

Subsequent Events

The financial statements and related disclosures include evaluation of events up through and including September 12, 2023, which is the date the financial statements were available to be issued.

Note 3 - Certified Information

Empower Trust Company, LLC (f/k/a Great-West Trust Company, LLC) (the "Trustee") holds the Plan's investments and participant notes receivable and executes all related transactions. The investment and participant notes receivable balances and related income and losses included in the accompanying financial statements and supplemental schedule of assets held at end of year are based solely on information certified by the Trustee.

Note 4 - Tax Status

The Plan is a prototype plan. The prototype plan has received a favorable opinion letter from the Internal Revenue Service (IRS) indicating that the Plan, as designed, is qualified for federal income tax-exempt status. The Plan has not individually sought its own determination letter.

Note 5 - Fair Value Measurements

Accounting standards require certain assets and liabilities be reported at fair value in the financial statements and provide a framework for establishing that fair value. The framework for determining fair value is based on a hierarchy that prioritizes the inputs and valuation techniques used to measure fair value.

Level 1

Fair values determined by Level 1 inputs use quoted prices in active markets for identical assets that the Plan has the ability to access.

Level 2

Fair values determined by Level 2 inputs use other inputs that are observable, either directly or indirectly. These Level 2 inputs include quoted prices for similar assets in active markets, quoted prices for identical or similar assets in markets that are not active, and inputs other than quoted prices that are observable for the asset.

Level 3

Level 3 inputs are unobservable inputs, including inputs that are available in situations where there is little, if any, market activity for the related asset. These Level 3 fair value measurements are based primarily on management's own estimates using pricing models, discounted cash flow methodologies, or similar techniques taking into account the characteristics of the asset.

In instances where inputs used to measure fair value fall into different levels of the fair value hierarchy, fair value measurements in their entirety are categorized based on the lowest level input that is significant to the valuation. The Plan's assessment of the significance of particular inputs to these fair value measurements requires judgment and considers factors specific to each asset.

December 31, 2022 and 2021**Note 5 - Fair Value Measurements (Continued)**

The following valuation methodologies have been used to value the Plan's investments:

Mutual Funds

Mutual funds are valued at quoted prices reported in active markets.

Common Collective Trust Funds

The common collective trust funds are valued at net asset value per share (NAV) or its equivalent of the funds, which is based on the fair value of the funds' underlying assets. There are no redemption restrictions or unfunded commitments on these investments.

The following tables present information about the Plan's assets measured at fair value on a recurring basis at December 31, 2022 and 2021:

		Assets Measured at Fair Value on a Recurring Basis at December 31, 2022	
		Investments (at Fair Value)	Level 1
Mutual funds		\$ 168,727,772	\$ 168,727,772
Investments measured at NAV - Common collective trust fund - Stable value fund		15,075,296	
Total investments at fair value		<u>\$ 183,803,068</u>	
		Assets Measured at Fair Value on a Recurring Basis at December 31, 2021	
		Investments (at Fair Value)	Level 1
Mutual funds		\$ 205,393,598	\$ 205,393,598
Investments measured at NAV - Common collective trust fund - Stable value fund		12,055,791	
Total investments at fair value		<u>\$ 217,449,389</u>	

Altair Salary Reduction Profit Sharing Plan

Schedule of Assets Held at End of Year

Form 5500, Schedule H, Line 4i
 EIN 38-2591828, Plan No. 001
 December 31, 2022

(a)(b) Identity of Issuer	(c) Description of Investment	(d) Cost	(e) Current Value
Putnam	Common collective trust fund - PUTNAM STABLE VALUE FUND	*	\$ 15,075,296
	Mutual funds:		
PIMCO	PIMCO TOTAL RETURN	*	1,794,236
T. Rowe Price	T. ROWE PRICE GROWTH STOCK	*	10,328,400
PGIM	PGIM TOTAL RETURN BOND Z	*	5,096,021
Fidelity	FIDELITY ADVISOR STOCK SEL ALL CAP	*	297,931
MFS	MFS MID CAP VALUE R4	*	4,547,826
Invesco	INVESCO GLOBAL Y	*	4,970,082
Fidelity	FIDELITY ADVISOR STRATEGIC INCOME	*	4,021,721
Fidelity	FIDELITY ADVISOR DIVERSIFIED INTERNATIONAL	*	3,703,633
Fidelity	FIDELITY ADVISOR TECHNOLOGY	*	8,881,822
Fidelity	FIDELITY ADVISOR STRATEGIC DIV & INC	*	3,030,531
Columbia	COLUMBIA SMALL CAP VALUE II	*	1,724,871
Fidelity	FIDELITY ADVISOR ENERGY	*	4,269,248
Fidelity	FIDELITY ADVISOR INTERNATIONAL DISCOVERY	*	343,016
Invesco	INVESCO INTERNATIONAL SMALL-MID	*	2,774,802
Invesco	INVESCO OPPENHEIMER INT'L GROWTH	*	1,061,719
JPMorgan	JPMORGAN EQUITY INCOME	*	13,848,441
JPMorgan	JPMORGAN SMARTRETIREMENT 2055	*	3,290,869
JPMorgan	JPMORGAN SMARTRETIREMENT INCOME	*	307,385
JPMorgan	JPMORGAN SMARTRETIREMENT 2020	*	1,470,475
JPMorgan	JPMORGAN SMARTRETIREMENT 2025	*	4,597,073
JPMorgan	JPMORGAN SMARTRETIREMENT 2030	*	4,197,585
JPMorgan	JPMORGAN SMARTRETIREMENT 2035	*	4,843,083
JPMorgan	JPMORGAN SMARTRETIREMENT 2040	*	3,475,613
JPMorgan	JPMORGAN SMARTRETIREMENT 2045	*	5,758,283
JPMorgan	JPMORGAN SMARTRETIREMENT 2050	*	5,177,269
Fidelity	FIDELITY EXTENDED MARKET INDEX	*	4,592,026
Fidelity	FIDELITY 500 INDEX	*	18,744,321
JPMorgan	JPMORGAN MID CAP GROWTH	*	8,076,863
JPMorgan	JPMORGAN SMALL CAP VALUE	*	3,103,069
JPMorgan	JPMORGAN US SMALL COMPANY	*	3,440,881
Franklin Templeton	FRANKLIN MUTUAL GLOBAL DISCOVERY	*	323,631
Victory	VICTORY GLOBAL ENERGY TRANSITION	*	1,204,682
Columbia	COLUMBIA CONTRARIAN CORE	*	3,472,094
Goldman Sachs	GOLDMAN SACHS GLOBAL INCOME	*	1,113,459
PIMCO	PIMCO INCOME	*	1,674,994
JPMorgan	JPMORGAN SMARTRETIREMENT 2060	*	1,376,970
Lord Abbett	LORD ABBETT HIGH YIELD R4	*	873,606
American Funds	AMERICAN FUNDS WASHINGTON MUTUAL R5	*	511,387
Calvert	CALVERT EQUITY I	*	1,399,573
PIMCO	PIMCO REAL RETURN ADMIN	*	263,544
Eaton Vance	EATON VANCE ATLANTA CAPITAL SMID-CAP I	*	10,274,808
Fidelity	FIDELITY ADVISOR NEW INSIGHTS I	*	4,469,929
Participants	Participant notes receivable - Bearing interest rates ranging from 4.25 to 8.00 percent	-	778,307
	Total		<u><u>\$ 184,581,375</u></u>

*Cost information not required

SCHEDULE OF ASSETS (HELD AT END OF YEAR)**Altair Salary Reduction Profit Sharing Plan****01-JAN-22 to 31-DEC-22****21-JAN-23 00:42:03**

INVESTMENT OPTION	MATURITY DATE	INTEREST RATE	COST OF ASSETS	CURRENT VALUE
1PCSV35			14,728,260.77	14,728,562.11
1FSRIX			4,566,300.88	4,021,720.81
1GSLX			1,276,372.50	1,113,458.87
1LHYSX			1,046,767.64	873,606.18
1PIINX			1,872,830.21	1,674,994.46
1PARRX			297,511.22	263,543.82
1PTTRX			2,212,862.03	1,794,236.07
1PDBZX			6,115,804.76	5,096,020.55
1FSIDX			3,092,144.09	3,030,530.95
1JSRSX			386,413.40	307,384.86
1JTTSX			1,868,698.11	1,470,474.64
1JNSSX			5,632,178.02	4,597,072.88
1JMSX			5,216,713.34	4,197,584.60
1SRJSX			5,833,565.26	4,843,083.23
1SMTSX			4,267,182.98	3,475,613.36
1JSASX			7,090,288.37	5,758,282.76
1JTSSX			6,353,874.90	5,177,269.18
1JFFSX			3,870,395.21	3,290,869.33
1JAKSX			1,599,386.64	1,376,969.56
1RWMF			532,293.84	511,387.02
1CORRX			3,863,468.44	3,472,094.27
1CEYIX			1,375,380.33	1,399,572.76
1FXAIX			16,357,910.37	18,744,321.33
1FINSX			5,526,056.79	4,469,928.72
1FBRNX			232,708.95	297,930.95
1HLIEX			10,232,611.78	13,848,441.28
1PRGFX			12,428,366.14	10,328,400.28
1EISMX			10,789,741.27	10,274,807.97
1FSMAX			5,110,094.94	4,592,026.34
1HLGEX			8,973,346.42	8,076,863.42
1MVCJX			4,706,582.37	4,547,825.51
1CLURX			1,843,660.64	1,724,870.77
1PSOPX			3,551,236.51	3,103,069.21
1JSCSX			3,890,855.76	3,440,880.54
1FANIX			3,306,365.79	4,269,248.09
1FATIX			9,084,902.71	8,881,822.22
1RSNYX			749,992.82	1,204,682.39
1FDVIX			4,167,375.49	3,703,633.06
1FIADX			378,229.59	343,015.91
1MDISX			362,035.99	323,630.88
1OGLYX			6,362,441.89	4,970,082.00
1OIGYX			1,362,636.06	1,061,719.00
1OSMYX			3,333,260.67	2,774,801.55
			195,849,105.89	183,456,333.69
PARTICIPANT LOANS	VARIOUS	4.250-8.000	777,271.39	778,306.71
FORFEITURES			346,734.34	346,734.34

SCHEDULE OF ASSETS (HELD AT END OF YEAR)**Altair Salary Reduction Profit Sharing Plan****01-JAN-22 to 31-DEC-22****21-JAN-23 00:42:03**

INVESTMENT OPTION	MATURITY DATE	INTEREST RATE	COST OF ASSETS	CURRENT VALUE
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EIN # 46-7271766

LEGEND

INVESTMENT OPTION:

1PCSV35	Putnam Stable Value Fund	1FSRIX	Fidelity Advisor Strategic Income I
1GSG LX	Goldman Sachs Global Core Fixed Inc Inst	1LHYSX	Lord Abbett High Yield R4
1PIINX	PIMCO Income Adm	1PARRX	PIMCO Real Return Admin
1PTTRX	PIMCO Total Return Instl	1PDBZX	PGIM Total Return Bond Z
1FSIDX	Fidelity Advisor Strategic Div & Inc I	1JSRSX	JPMorgan SmartRetirement Income I
1JTTSX	JPMorgan SmartRetirement 2020 I	1JNSSX	JPMorgan SmartRetirement 2025 I
1JSMSX	JPMorgan SmartRetirement 2030 I	1SRJSX	JPMorgan SmartRetirement 2035 I
1SMTSX	JPMorgan SmartRetirement 2040 I	1JSASX	JPMorgan SmartRetirement 2045 I
1JTSSX	JPMorgan SmartRetirement 2050 I	1JFFSX	JPMorgan SmartRetirement 2055 I
1JAKSX	JPMorgan SmartRetirement 2060 I	1RWAFX	American Funds Washington Mutual R5
1CORRX	Columbia Contrarian Core Adv	1CEYIX	Calvert Equity I
1FXAIX	Fidelity 500 Index	1FINSX	Fidelity Advisor New Insights I
1FBRNX	Fidelity Advisor Stock Sel All Cp I	1HLIEX	JPMorgan Equity Income I
1PRGFX	T. Rowe Price Growth Stock	1EISMX	Eaton Vance Atlanta Capital SMID-Cap I
1FSMAX	Fidelity Extended Market Index	1HLGEX	JPMorgan Mid Cap Growth I
1MVCJX	MFS Mid Cap Value R4	1CLURX	Columbia Small Cap Value II Adv
1PSOPX	JPMorgan Small Cap Value I	1JSCSX	JPMorgan US Small Company I
1FANIX	Fidelity Advisor Energy I	1FATIX	Fidelity Advisor Technology I
1RSNYX	Victory Global Energy Transition Y	1FDVIX	Fidelity Advisor Diversified Intl I
1FIADX	Fidelity Advisor International Discv I	1MDISX	Franklin Mutual Global Discovery Z
1OGLYX	Invesco Global Y	1OIGYX	Invesco Oppenheimer Int'l Growth Y
1OSMYX	Invesco International Small-Mid Compy Y		

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

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