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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Form 5500-SF</b><br>Department of the Treasury<br>Internal Revenue Service<br><br>Department of Labor<br>Employee Benefits Security Administration<br>Pension Benefit Guaranty Corporation | <b>Short Form Annual Return/Report of Small Employee Benefit Plan</b><br>This form is required to be filed 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).<br><b>► Complete all entries in accordance with the instructions to the Form 5500-SF.</b> | OMB Nos. 1210-0110<br>1210-0089<br><br><b>2019</b><br><br><b>This Form is Open to Public Inspection</b> |
|                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                         |

|                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Part I Annual Report Identification Information</b>                                                   |                                                                                                                                                                                                                                                                                                                                                                 |
| For calendar plan year 2019 or fiscal plan year beginning <u>02/01/2019</u> and ending <u>01/31/2020</u> |                                                                                                                                                                                                                                                                                                                                                                 |
| <b>A</b> This return/report is for:                                                                      | <input checked="" type="checkbox"/> a single-employer plan<br><input type="checkbox"/> a one-participant plan<br><input type="checkbox"/> a multiple-employer plan (not multiemployer) (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)<br><input type="checkbox"/> a foreign plan |
| <b>B</b> This return/report is                                                                           | <input type="checkbox"/> the first return/report<br><input type="checkbox"/> an amended return/report<br><input type="checkbox"/> the final return/report<br><input type="checkbox"/> a short plan year return/report (less than 12 months)                                                                                                                     |
| <b>C</b> Check box if filing under:                                                                      | <input checked="" type="checkbox"/> Form 5558<br><input type="checkbox"/> automatic extension<br><input type="checkbox"/> DFVC program<br><input type="checkbox"/> special extension (enter description)                                                                                                                                                        |

|                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Part II Basic Plan Information</b> —enter all requested information                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                |
| <b>1a</b> Name of plan<br><u>THE AEROLITE DEFINED BENEFIT PENSION PLAN</u>                                                                                                                                                                                                                                                                                | <b>1b</b> Three-digit plan number (PN) ► <u>003</u><br><b>1c</b> Effective date of plan<br><u>02/01/1963</u>                                                                                   |
| <b>2a</b> Plan sponsor's name (employer, if for a single-employer plan)<br>Mailing address (include room, apt., suite no. and street, or P.O. Box)<br>City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)<br><u>ASTRO SHAPES, LLC</u><br><br><u>65 MAIN STREET</u><br><u>STRUTHERS, OH 44471-1942</u> | <b>2b</b> Employer Identification Number (EIN) <u>34-1082339</u><br><b>2c</b> Sponsor's telephone number<br><u>330-775-1414</u><br><b>2d</b> Business code (see instructions)<br><u>332900</u> |
| <b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor.                                                                                                                                                                                                                                                 | <b>3b</b> Administrator's EIN<br><br><b>3c</b> Administrator's telephone number                                                                                                                |
| <b>4</b> If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report.<br><b>a</b> Sponsor's name<br><b>c</b> Plan Name                                                                    | <b>4b</b> EIN<br><br><b>4d</b> PN                                                                                                                                                              |
| <b>5a</b> Total number of participants at the beginning of the plan year .....                                                                                                                                                                                                                                                                            | <b>5a</b> <u>65</u>                                                                                                                                                                            |
| <b>b</b> Total number of participants at the end of the plan year .....                                                                                                                                                                                                                                                                                   | <b>5b</b> <u>63</u>                                                                                                                                                                            |
| <b>c</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) .....                                                                                                                                                                                                           | <b>5c</b>                                                                                                                                                                                      |
| <b>d(1)</b> Total number of active participants at the beginning of the plan year .....                                                                                                                                                                                                                                                                   | <b>5d(1)</b> <u>21</u>                                                                                                                                                                         |
| <b>d(2)</b> Total number of active participants at the end of the plan year .....                                                                                                                                                                                                                                                                         | <b>5d(2)</b> <u>21</u>                                                                                                                                                                         |
| <b>e</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested .....                                                                                                                                                                                                                | <b>5e</b> <u>0</u>                                                                                                                                                                             |

|                                                                                                                                                                                                                                                                                                                                                                              |                                                   |                   |                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------|--------------------------------------------------------------|
| <b>Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.</b>                                                                                                                                                                                                                                   |                                                   |                   |                                                              |
| Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, 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. | <u>10/30/2020</u> | <u>RICHARD PURSIFULL</u>                                     |
|                                                                                                                                                                                                                                                                                                                                                                              | 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 |

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.)..... ☒ Yes ☐ No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.)..... ☒ Yes ☐ No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? ..... ☒ Yes ☐ No ☐ Not determined
- If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4234720. (See instructions.)

**Part III Financial Information**

| <b>7</b> Plan Assets and Liabilities                                                                 |              | <b>(a) Beginning of Year</b> | <b>(b) End of Year</b> |
|------------------------------------------------------------------------------------------------------|--------------|------------------------------|------------------------|
| <b>a</b> Total plan assets .....                                                                     | <b>7a</b>    | 3727948                      | 4010745                |
| <b>b</b> Total plan liabilities .....                                                                | <b>7b</b>    |                              |                        |
| <b>c</b> Net plan assets (subtract line 7b from line 7a) .....                                       | <b>7c</b>    | 3727948                      | 4010745                |
| <b>8</b> Income, Expenses, and Transfers for this Plan Year                                          |              | <b>(a) Amount</b>            | <b>(b) Total</b>       |
| <b>a</b> Contributions received or receivable from:                                                  |              |                              |                        |
| <b>(1)</b> Employers .....                                                                           | <b>8a(1)</b> | 61830                        |                        |
| <b>(2)</b> Participants .....                                                                        | <b>8a(2)</b> |                              |                        |
| <b>(3)</b> Others (including rollovers) .....                                                        | <b>8a(3)</b> |                              |                        |
| <b>b</b> Other income (loss) .....                                                                   | <b>8b</b>    | 494609                       |                        |
| <b>c</b> Total income (add lines 8a(1), 8a(2), 8a(3), and 8b) .....                                  | <b>8c</b>    |                              | 556439                 |
| <b>d</b> Benefits paid (including direct rollovers and insurance premiums to provide benefits) ..... | <b>8d</b>    | 227897                       |                        |
| <b>e</b> Certain deemed and/or corrective distributions (see instructions) ...                       | <b>8e</b>    |                              |                        |
| <b>f</b> Administrative service providers (salaries, fees, commissions) .....                        | <b>8f</b>    |                              |                        |
| <b>g</b> Other expenses .....                                                                        | <b>8g</b>    | 45745                        |                        |
| <b>h</b> Total expenses (add lines 8d, 8e, 8f, and 8g) .....                                         | <b>8h</b>    |                              | 273642                 |
| <b>i</b> Net income (loss) (subtract line 8h from line 8c) .....                                     | <b>8i</b>    |                              | 282797                 |
| <b>j</b> Transfers to (from) the plan (see instructions) .....                                       | <b>8j</b>    |                              |                        |

**Part IV Plan Characteristics**

- 9a** If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:  
1B
- b** If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

**Part V Compliance Questions**

| <b>10</b> During the plan year:                                                                                                                                                                                                           |            | <b>Yes</b>                          | <b>No</b>                           | <b>Amount</b> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------|-------------------------------------|---------------|
| <b>a</b> Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? (See instructions and DOL's Voluntary Fiduciary Correction Program) .....                       | <b>10a</b> |                                     | <input checked="" type="checkbox"/> |               |
| <b>b</b> Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.) .....                                                                                                      | <b>10b</b> |                                     | <input checked="" type="checkbox"/> |               |
| <b>c</b> Was the plan covered by a fidelity bond? .....                                                                                                                                                                                   | <b>10c</b> | <input checked="" type="checkbox"/> |                                     | 500000        |
| <b>d</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty? .....                                                                                                   | <b>10d</b> |                                     | <input checked="" type="checkbox"/> |               |
| <b>e</b> Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.) ..... | <b>10e</b> |                                     | <input checked="" type="checkbox"/> |               |
| <b>f</b> Has the plan failed to provide any benefit when due under the plan? .....                                                                                                                                                        | <b>10f</b> |                                     | <input checked="" type="checkbox"/> |               |
| <b>g</b> Did the plan have any participant loans? (If "Yes," enter amount as of year-end.) .....                                                                                                                                          | <b>10g</b> |                                     | <input checked="" type="checkbox"/> |               |
| <b>h</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.) .....                                                                                                              | <b>10h</b> |                                     |                                     |               |
| <b>i</b> If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3 .....                                                       | <b>10i</b> |                                     |                                     |               |

**Part VI Pension Funding Compliance**

**11** Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and lines 11a and b below.) If this is a defined contribution pension plan, leave line 11 blank and complete line 12 below. ☒ Yes ☐ No

**a** Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 **11a** 0

**b** **PBGC missed contribution reporting requirements.** If the plan is covered by PBGC and the amount reported on line 11a is greater than \$0, 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 \_\_\_\_\_

**12** Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? (If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.) If this is a defined benefit pension plan, leave line 12 blank and complete line 11 above. ☐ Yes ☒ No

**a** 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 letter ruling granting the waiver. Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_

**If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.**

**b** Enter the minimum required contribution for this plan year **12b**

**c** Enter the amount contributed by the employer to the plan for this plan year **12c**

**d** Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount) **12d**

**e** Will the minimum funding amount reported on line 12d be met by the funding deadline? ☐ Yes ☐ No ☐ N/A

**Part VII Plan Terminations and Transfers of Assets**

**13a** Has a resolution to terminate the plan been adopted in any plan year? ☐ Yes ☒ No

If "Yes," enter the amount of any plan assets that reverted to the employer this year. **13a**

**b** Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? ☐ Yes ☒ No

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

| <b>13c(1)</b> Name of plan(s): | <b>13c(2)</b> EIN(s) | <b>13c(3)</b> PN(s) |
|--------------------------------|----------------------|---------------------|
|                                |                      |                     |

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                    |                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>SCHEDULE SB</b><br><b>(Form 5500)</b><br><br><small>Department of the Treasury<br/>Internal Revenue Service</small><br><br><small>Department of Labor<br/>Employee Benefits Security Administration</small><br><br><small>Pension Benefit Guaranty Corporation</small> | <b>Single-Employer Defined Benefit Plan</b><br><b>Actuarial Information</b><br><br>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).<br><br><b>► File as an attachment to Form 5500 or 5500-SF.</b> | <small>OMB No. 1210-0110</small><br><br><b>2019</b><br><br><b>This Form is Open to Public Inspection</b> |
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For calendar plan year 2019 or fiscal plan year beginning 02/01/2019 and ending 01/31/2020

► **Round off amounts to nearest dollar.**

► **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

|                                                                                                                                                                          |                                                                    |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|------------|
| <b>A</b> Name of plan<br><u>THE AEROLITE DEFINED BENEFIT PENSION PLAN</u>                                                                                                | <b>B</b> Three-digit plan number (PN) ►                            | <u>003</u> |
|                                                                                                                                                                          |                                                                    |            |
| <b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF<br><u>ASTRO SHAPES, LLC</u>                                                                     | <b>D</b> Employer Identification Number (EIN)<br><u>34-1082339</u> |            |
|                                                                                                                                                                          |                                                                    |            |
| <b>E</b> Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B <input type="checkbox"/> Other |                                                                    |            |
| <b>F</b> Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500                  |                                                                    |            |

|               |                                                                                                                                                                                                                |                            |                           |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------|
| <b>Part I</b> | <b>Basic Information</b>                                                                                                                                                                                       |                            |                           |
| <b>1</b>      | Enter the valuation date: Month <u>02</u> Day <u>01</u> Year <u>2019</u>                                                                                                                                       |                            |                           |
| <b>2</b>      | Assets:                                                                                                                                                                                                        |                            |                           |
|               | <b>a</b>                                                                                                                                                                                                       |                            |                           |
|               | Market value .....                                                                                                                                                                                             | <b>2a</b>                  | <u>3727648</u>            |
|               | <b>b</b>                                                                                                                                                                                                       |                            |                           |
|               | Actuarial value .....                                                                                                                                                                                          | <b>2b</b>                  | <u>3875445</u>            |
| <b>3</b>      | Funding target/participant count breakdown                                                                                                                                                                     | (1) Number of participants | (2) Vested Funding Target |
|               | <b>a</b> For retired participants and beneficiaries receiving payment.....                                                                                                                                     | <u>35</u>                  | <u>2344447</u>            |
|               | <b>b</b> For terminated vested participants.....                                                                                                                                                               | <u>9</u>                   | <u>304678</u>             |
|               | <b>c</b> For active participants .....                                                                                                                                                                         | <u>21</u>                  | <u>1324264</u>            |
|               | <b>d</b> Total.....                                                                                                                                                                                            | <u>65</u>                  | <u>3973389</u>            |
| <b>4</b>      | If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>                                                                                                   |                            |                           |
|               | <b>a</b> Funding target disregarding prescribed at-risk assumptions .....                                                                                                                                      | <b>4a</b>                  |                           |
|               | <b>b</b> Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor..... | <b>4b</b>                  |                           |
| <b>5</b>      | Effective interest rate .....                                                                                                                                                                                  | <b>5</b>                   | <u>5.42</u> %             |
| <b>6</b>      | Target normal cost.....                                                                                                                                                                                        | <b>6</b>                   | <u>35644</u>              |

**Statement by Enrolled Actuary**

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

|                  |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SIGN HERE</b> | Signature of actuary<br><br><u>DON J. BOETGER</u><br><br>Type or print name of actuary<br><br><u>BOETGER RETIREMENT PLAN SERVICES</u><br><br>Firm name<br><br><u>3 HOLLAND STREET</u><br><u>ERIE, PA 16507</u><br><br>Address of the firm | <div style="text-align: right;"> <u>10/09/2020</u><br/>         Date<br/> <u>20-03998</u><br/>         Most recent enrollment number<br/> <u>814-455-4550</u><br/>         Telephone number (including area code)       </div> |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

**For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.**

**Schedule SB (Form 5500) 2019 v. 190130**

| Part II Beginning of Year Carryover and Prefunding Balances |                                                                                                                                                          | (a) Carryover balance | (b) Prefunding balance |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------|
| 7                                                           | Balance at beginning of prior year after applicable adjustments (line 13 from prior year) .....                                                          | 8872                  | 76671                  |
| 8                                                           | Portion elected for use to offset prior year's funding requirement (line 35 from prior year) .....                                                       |                       |                        |
| 9                                                           | Amount remaining (line 7 minus line 8) .....                                                                                                             | 8872                  | 76671                  |
| 10                                                          | Interest on line 9 using prior year's actual return of <u>-4.15</u> % .....                                                                              | -368                  | -3182                  |
| 11                                                          | Prior year's excess contributions to be added to prefunding balance:                                                                                     |                       |                        |
| a                                                           | Present value of excess contributions (line 38a from prior year) .....                                                                                   |                       | 0                      |
| b(1)                                                        | Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.59</u> % ..... |                       | 0                      |
| b(2)                                                        | Interest on line 38b from prior year Schedule SB, using prior year's actual return .....                                                                 |                       |                        |
| c                                                           | Total available at beginning of current plan year to add to prefunding balance .....                                                                     |                       | 0                      |
| d                                                           | Portion of (c) to be added to prefunding balance .....                                                                                                   |                       |                        |
| 12                                                          | Other reductions in balances due to elections or deemed elections .....                                                                                  | 0                     | 0                      |
| 13                                                          | Balance at beginning of current year (line 9 + line 10 + line 11d – line 12) .....                                                                       | 8504                  | 73489                  |

| Part III Funding Percentages |                                                                                                                                                                  |    |         |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------|
| 14                           | Funding target attainment percentage .....                                                                                                                       | 14 | 95.47 % |
| 15                           | Adjusted funding target attainment percentage .....                                                                                                              | 15 | 95.47 % |
| 16                           | Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement ..... | 16 | 97.90 % |
| 17                           | If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage .....                                        | 17 | %       |

| Part IV Contributions and Liquidity Shortfalls                                    |                                   |                                 |                          |                                   |                                 |
|-----------------------------------------------------------------------------------|-----------------------------------|---------------------------------|--------------------------|-----------------------------------|---------------------------------|
| 18 Contributions made to the plan for the plan year by employer(s) and employees: |                                   |                                 |                          |                                   |                                 |
| (a) Date<br>(MM-DD-YYYY)                                                          | (b) Amount paid by<br>employer(s) | (c) Amount paid by<br>employees | (a) Date<br>(MM-DD-YYYY) | (b) Amount paid by<br>employer(s) | (c) Amount paid by<br>employees |
| 06/26/2019                                                                        | 13351                             | 0                               |                          |                                   |                                 |
| 08/07/2019                                                                        | 13351                             | 0                               |                          |                                   |                                 |
| 10/03/2019                                                                        | 14                                | 0                               |                          |                                   |                                 |
| 11/06/2019                                                                        | 13351                             | 0                               |                          |                                   |                                 |
| 02/05/2020                                                                        | 13351                             | 0                               |                          |                                   |                                 |
| 06/01/2020                                                                        | 8412                              | 0                               |                          |                                   |                                 |
| Totals ►                                                                          |                                   |                                 | 18(b)                    | 61830                             | 18(c) 0                         |

|                                                                                                                               |                                                                                                                |                                         |                                        |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|
| 19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year: |                                                                                                                |                                         |                                        |
| a                                                                                                                             | Contributions allocated toward unpaid minimum required contributions from prior years .....                    | 19a                                     | 0                                      |
| b                                                                                                                             | Contributions made to avoid restrictions adjusted to valuation date .....                                      | 19b                                     | 0                                      |
| c                                                                                                                             | Contributions allocated toward minimum required contribution for current year adjusted to valuation date ..... | 19c                                     | 59336                                  |
| 20 Quarterly contributions and liquidity shortfalls:                                                                          |                                                                                                                |                                         |                                        |
| a                                                                                                                             | Did the plan have a "funding shortfall" for the prior year? .....                                              | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No            |
| b                                                                                                                             | If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ..... | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> No |
| c If line 20a is "Yes," see instructions and complete the following table as applicable:                                      |                                                                                                                |                                         |                                        |
| Liquidity shortfall as of end of quarter of this plan year                                                                    |                                                                                                                |                                         |                                        |
| (1) 1st                                                                                                                       | (2) 2nd                                                                                                        | (3) 3rd                                 | (4) 4th                                |
| 0                                                                                                                             | 0                                                                                                              | 0                                       | 0                                      |

**Part V Assumptions Used to Determine Funding Target and Target Normal Cost****21** Discount rate:**a** Segment rates:1st segment:  
3.74 %2nd segment:  
5.35 %3rd segment:  
6.11 %☐ N/A, full yield curve used**b** Applicable month (enter code) .....**21b**

0

**22** Weighted average retirement age .....**22**

65

**23** Mortality table(s) (see instructions) ☒

Prescribed - combined

☐ Prescribed - separate☐ Substitute**Part VI Miscellaneous Items****24** Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. .... ☐ Yes ☒ No**25** Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. .... ☐ Yes ☒ No**26** Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. .... ☒ Yes ☐ No**27** If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment. .... **27****Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years****28** Unpaid minimum required contributions for all prior years ..... **28** 0**29** Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a) ..... **29** 0**30** Remaining amount of unpaid minimum required contributions (line 28 minus line 29) ..... **30** 0**Part VIII Minimum Required Contribution For Current Year****31** Target normal cost and excess assets (see instructions):**a** Target normal cost (line 6) ..... **31a** 35644**b** Excess assets, if applicable, but not greater than line 31a ..... **31b** 0**32** Amortization installments:**a** Net shortfall amortization installment ..... Outstanding Balance 179937 Installment 23692**b** Waiver amortization installment .....**33** If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_) and the waived amount ..... **33****34** Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33) ..... **34** 59336**35** Balances elected for use to offset funding requirement ..... Carryover balance Prefunding balance Total balance 0**36** Additional cash requirement (line 34 minus line 35) ..... **36** 59336**37** Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) ..... **37** 59336**38** Present value of excess contributions for current year (see instructions)**a** Total (excess, if any, of line 37 over line 36) ..... **38a** 0**b** Portion included in line 38a attributable to use of prefunding and funding standard carryover balances ..... **38b****39** Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) ..... **39** 0**40** Unpaid minimum required contributions for all years ..... **40** 0**Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)****41** If an election was made to use PRA 2010 funding relief for this plan:**a** Schedule elected ..... ☐ 2 plus 7 years ☐ 15 years**b** Eligible plan year(s) for which the election in line 41a was made ..... ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

**The Aerolite Defined Benefit Pension Plan**

**EIN: 34-1082339**

**PN: 003**

**Schedule SB, line 26 - Schedule of Active Participant Data as of 2/1/2019**

Years of credited service:

| Attained Age | Under 1 |            | 1 to 4 |            | 5 to 9 |            | 10 to 14 |            | 15 to 19 |            |
|--------------|---------|------------|--------|------------|--------|------------|----------|------------|----------|------------|
|              | No.     | Avg. Comp. | No.    | Avg. Comp. | No.    | Avg. Comp. | No.      | Avg. Comp. | No.      | Avg. Comp. |
| Under 25     | 0       |            | 0      |            | 0      |            | 0        |            | 0        |            |
| 25 to 29     | 0       |            | 0      |            | 0      |            | 0        |            | 0        |            |
| 30 to 34     | 0       |            | 0      |            | 0      |            | 0        |            | 0        |            |
| 35 to 39     | 0       |            | 0      |            | 0      |            | 0        |            | 0        |            |
| 40 to 44     | 0       |            | 0      |            | 0      |            | 0        |            | 0        |            |
| 45 to 49     | 0       |            | 0      |            | 0      |            | 1        |            | 0        |            |
| 50 to 54     | 0       |            | 0      |            | 0      |            | 0        |            | 1        |            |
| 55 to 59     | 0       |            | 0      |            | 0      |            | 1        |            | 1        |            |
| 60 to 64     | 0       |            | 0      |            | 0      |            | 1        |            | 0        |            |
| 65 to 69     | 0       |            | 0      |            | 0      |            | 0        |            | 0        |            |
| 70 & up      | 0       |            | 0      |            | 0      |            | 0        |            | 0        |            |

Years of credited service:

| Attained Age | 20 to 24 |            | 25 to 29 |            | 30 to 34 |            | 35 to 39 |            | 40 & up |            |
|--------------|----------|------------|----------|------------|----------|------------|----------|------------|---------|------------|
|              | No.      | Avg. Comp. | No.      | Avg. Comp. | No.      | Avg. Comp. | No.      | Avg. Comp. | No.     | Avg. Comp. |
| Under 25     | 0        |            | 0        |            | 0        |            | 0        |            | 0       |            |
| 25 to 29     | 0        |            | 0        |            | 0        |            | 0        |            | 0       |            |
| 30 to 34     | 0        |            | 0        |            | 0        |            | 0        |            | 0       |            |
| 35 to 39     | 0        |            | 0        |            | 0        |            | 0        |            | 0       |            |
| 40 to 44     | 0        |            | 0        |            | 0        |            | 0        |            | 0       |            |
| 45 to 49     | 0        |            | 1        |            | 0        |            | 0        |            | 0       |            |
| 50 to 54     | 0        |            | 1        |            | 1        |            | 0        |            | 0       |            |
| 55 to 59     | 2        |            | 0        |            | 1        |            | 0        |            | 0       |            |
| 60 to 64     | 3        |            | 2        |            | 2        |            | 0        |            | 1       |            |
| 65 to 69     | 0        |            | 0        |            | 0        |            | 0        |            | 2       |            |
| 70 & up      | 0        |            | 0        |            | 0        |            | 0        |            | 0       |            |

**THE AEROLITE DEFINED BENEFIT PENSION PLAN**  
**EIN: 34-1082339**  
**PN: 001**  
**SCHEDULE SB, PART V**  
**STATEMENT OF ACTUARIAL ASSUMPTIONS/METHODS**

**Method for Contributions**

Contributions required to fund the plan benefits are determined according to the provisions of MAP-21, as revised by the Highway and Transportation and Funding Act of 2014 (HATFA). The Target Normal Cost is the present value of benefits earned during the plan year, plus the amount of plan-related expenses expected to be paid from the plan assets during the Plan Year. The Funding Target is the present value of benefits earned as of the beginning of the plan year. The excess of the Funding Target over the actuarial value of assets represents the Funding Shortfall.

**Method for Accrued Benefits**

The actuarial present value of accumulated plan benefits is a measure of plan benefits which have been earned to date. This is not only a valuation of retirement benefits, but also of deferred vested, death, and disability benefits. Earnings and service for benefit purposes expected to be earned after the valuation date are excluded from this value.

The actuarial assumptions used to determine this value are identical to those used for the funding purposes with the exception of an interest rate of 7.0%, and the Society of Actuaries RP-2014 blue collar mortality table adjusted to 2006 for base rates and projected to the valuation date using mortality improvement scale MP-2018.

**Method of Asset Valuation**

The asset valuation method is the “smoothed market value” method, using a smoothing period as described in Section 430(g)(3)(B) of the Internal Revenue Code. Under this method, the actuarial value of assets is equal to the average of the fair market value of assets on the valuation date and the adjusted fair market value of assets determined from the two immediately preceding valuation dates. The adjusted fair market value of assets is the fair market value of assets at the applicable valuation date adjusted with contributions, distributions and expected earnings to the current valuation date as specified by the Secretary of Treasury. Expected earnings will be determined using the applicable third segment rate

In general, the actuarial value of assets must fall between 90% and 110% of the market value of assets.

**Data**

The valuation results are based upon participant census and financial data provided by the plan sponsor. The data was tested for reasonableness and consistency with the prior valuation.

## **Actuarial Assumptions**

The following actuarial assumptions were employed in the determination of the liabilities and annual contributions of the plan as developed in accordance with the funding methods described in this report.

1. The rates of mortality will be in accordance with the 2019 Combined Static Mortality Table for males and females. The mortality assumption for funding purposes is prescribed by IRS regulations. These tables are based on the RP-2014 total dataset, adjusted to 2006 base rate and mortality tables projected to the valuation year date using mortality improvement scale MP-2017.
2. The HATFA adjusted interest rates used for determining the minimum funding requirements and the plan's AFTAP are developed as follows:

| Segment | 25-year<br>average<br>As of 9/30/18 | 90% - 110%<br>Corridor | October 2018<br>Unadjusted<br>Rate | HATFA<br>Adjusted Rate |
|---------|-------------------------------------|------------------------|------------------------------------|------------------------|
| 1       | 4.15%                               | 3.74%                  | 2.35%                              | 3.74%                  |
| 2       | 5.94%                               | 5.35%                  | 3.85%                              | 5.35%                  |
| 3       | 6.79%                               | 6.11%                  | 4.47%                              | 6.11%                  |

The Effective Interest Rate is 5.42%.

3. The interest rates used for determining the maximum tax deductible contribution are the 24-month average corporate bond segment rates for October 2018 as published by the IRS. The interest rate for this purpose is 3.94%.
4. PBGC premium is calculated using the Standard Method (Election year: 2018).
5. The rates of withdrawal are based on the scale T-5 from the actuary's pension handbook; rates for sample ages are shown in the following table:

| <u>Attained Age</u> | <u>Percentage Assumed to<br/>Withdraw Per Year</u> |
|---------------------|----------------------------------------------------|
| 25                  | 7.7%                                               |
| 30                  | 7.2%                                               |
| 35                  | 6.3%                                               |
| 40                  | 5.2%                                               |
| 45                  | 4.0%                                               |
| 50                  | 2.6%                                               |
| 55                  | 0.9%                                               |
| 60                  | 0.1%                                               |
| 65                  | 0.0%                                               |

6. Retirement is assumed to occur after the completion of 5 years of service and attainment of age 65.
7. All plan participants have been included in the funding.
8. As required by Section 415 of the Internal Revenue Code, the determination of a participant's projected retirement benefit has been limited so that the amount does not exceed \$225,000 per year adjusted if necessary to recognize the participant's assumed retirement age, cost of living adjustments on the valuation date and optional forms of payment.
9. Disability prior to retirement is assumed to occur in accordance with the following table:

| Percentage Assumed to Become<br><u>Disabled Per Year</u> |             |               |
|----------------------------------------------------------|-------------|---------------|
| <u>Attained Age</u>                                      | <u>Male</u> | <u>Female</u> |
| 30                                                       | .071%       | .085%         |
| 35                                                       | .099        | .175          |
| 40                                                       | .162        | .315          |
| 45                                                       | .270        | .465          |
| 50                                                       | .493        | .626          |
| 55                                                       | .914        | .805          |
| 60                                                       | 1.470       | 1.125         |
| 65                                                       | 2.077       | 1.715         |

10. The rates of mortality for disabled lives are based on the Disabled Mortality Table per Revenue Ruling 96-7.
11. Cost calculations for surviving spouse's benefits assume that 80% of the active participants are married and that the wife is four years younger than the husband.

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                    |                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>SCHEDULE SB</b><br><b>(Form 5500)</b><br><br><small>Department of the Treasury<br/>Internal Revenue Service</small><br><br><small>Department of Labor<br/>Employee Benefits Security Administration</small><br><br><small>Pension Benefit Guaranty Corporation</small> | <b>Single-Employer Defined Benefit Plan</b><br><b>Actuarial Information</b><br><br>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).<br><br><b>► File as an attachment to Form 5500 or 5500-SF.</b> | OMB No. 1210-0110<br><br><b>2019</b><br><br><b>This Form is Open to Public Inspection</b> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                            |                                               |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------|
| For calendar plan year 2019 or fiscal plan year beginning <u>02/01/2019</u> and ending <u>01/31/2020</u>                                                                                                                                                                                          |                                                                                                                                                                                                                            |                                               |            |
| ► <b>Round off amounts to nearest dollar.</b>                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                            |                                               |            |
| ► <b>Caution:</b> A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.                                                                                                                                                                    |                                                                                                                                                                                                                            |                                               |            |
| <b>A</b> Name of plan<br>The Aerolite Defined Benefit Pension Plan                                                                                                                                                                                                                                | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;"><b>B</b> Three-digit plan number (PN) ►</td> <td style="width:40%; text-align: center;">003</td> </tr> </table>              | <b>B</b> Three-digit plan number (PN) ►       | 003        |
| <b>B</b> Three-digit plan number (PN) ►                                                                                                                                                                                                                                                           | 003                                                                                                                                                                                                                        |                                               |            |
| <b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF<br><br>Astro Shapes, LLC                                                                                                                                                                                                 | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;"><b>D</b> Employer Identification Number (EIN)</td> <td style="width:40%; text-align: center;">34-1082339</td> </tr> </table> | <b>D</b> Employer Identification Number (EIN) | 34-1082339 |
| <b>D</b> Employer Identification Number (EIN)                                                                                                                                                                                                                                                     | 34-1082339                                                                                                                                                                                                                 |                                               |            |
| <b>E</b> Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B <b>F</b> Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500 |                                                                                                                                                                                                                            |                                               |            |

|                                                                                                                                                                                                          |                            |                           |                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------|--------------------------|
| <b>Part I Basic Information</b>                                                                                                                                                                          |                            |                           |                          |
| <b>1</b> Enter the valuation date:      Month <u>02</u> Day <u>01</u> Year <u>2019</u>                                                                                                                   |                            |                           |                          |
| <b>2</b> Assets:                                                                                                                                                                                         |                            |                           |                          |
| a Market value.....                                                                                                                                                                                      | <b>2a</b>                  | 3,727,648                 |                          |
| b Actuarial value .....                                                                                                                                                                                  | <b>2b</b>                  | 3,875,445                 |                          |
| <b>3</b> Funding target/participant count breakdown                                                                                                                                                      | (1) Number of participants | (2) Vested Funding Target | (3) Total Funding Target |
| a For retired participants and beneficiaries receiving payment .....                                                                                                                                     | 35                         | 2,344,447                 | 2,344,447                |
| b For terminated vested participants .....                                                                                                                                                               | 9                          | 304,678                   | 304,678                  |
| c For active participants .....                                                                                                                                                                          | 21                         | 1,324,264                 | 1,324,264                |
| d Total .....                                                                                                                                                                                            | 65                         | 3,973,389                 | 3,973,389                |
| <b>4</b> If the plan is in at-risk status, check the box and complete lines (a) and (b) ..... <input type="checkbox"/>                                                                                   |                            |                           |                          |
| a Funding target disregarding prescribed at-risk assumptions .....                                                                                                                                       | <b>4a</b>                  |                           |                          |
| b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor ..... | <b>4b</b>                  |                           |                          |
| <b>5</b> Effective interest rate.....                                                                                                                                                                    | <b>5</b>                   | 5.42%                     |                          |
| <b>6</b> Target normal cost .....                                                                                                                                                                        | <b>6</b>                   | 35,644                    |                          |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--|----------------------|--|----------------|--|-------------------------------|--|----------------------------------|--|-----------|--|------------------|--|------|----------|---------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------|---------|-------------------------------|--------------|----------------------------------------|
| <b>Statement by Enrolled Actuary</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| <small>To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.</small>                                                                                                                                                                                                                                                                                                                                                                            |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%; text-align: center;"><b>SIGN HERE</b></td> <td style="width:45%; text-align: center;"> </td> </tr> <tr> <td colspan="2" style="text-align: center;">Signature of actuary</td> </tr> <tr> <td colspan="2" style="text-align: center;">Don J. Boetger</td> </tr> <tr> <td colspan="2" style="text-align: center;">Type or print name of actuary</td> </tr> <tr> <td colspan="2" style="text-align: center;">Boetger Retirement Plan Services</td> </tr> <tr> <td colspan="2" style="text-align: center;">Firm name</td> </tr> <tr> <td colspan="2" style="text-align: center;">3 Holland Street</td> </tr> <tr> <td style="text-align: center;">Erie</td> <td style="text-align: center;">PA 16507</td> </tr> <tr> <td colspan="2" style="text-align: center;">Address of the firm</td> </tr> </table> | <b>SIGN HERE</b> |  | Signature of actuary |  | Don J. Boetger |  | Type or print name of actuary |  | Boetger Retirement Plan Services |  | Firm name |  | 3 Holland Street |  | Erie | PA 16507 | Address of the firm |  | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">10/09/2020</td> </tr> <tr> <td style="text-align: center;">Date</td> </tr> <tr> <td style="text-align: center;">2003998</td> </tr> <tr> <td style="text-align: center;">Most recent enrollment number</td> </tr> <tr> <td style="text-align: center;">814-455-4550</td> </tr> <tr> <td style="text-align: center;">Telephone number (including area code)</td> </tr> </table> | 10/09/2020 | Date | 2003998 | Most recent enrollment number | 814-455-4550 | Telephone number (including area code) |
| <b>SIGN HERE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| Signature of actuary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| Don J. Boetger                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| Type or print name of actuary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| Boetger Retirement Plan Services                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| Firm name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| 3 Holland Street                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| Erie                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PA 16507         |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| Address of the firm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| 10/09/2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| 2003998                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| Most recent enrollment number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| 814-455-4550                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |
| Telephone number (including area code)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |  |                      |  |                |  |                               |  |                                  |  |           |  |                  |  |      |          |                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |      |         |                               |              |                                        |

**Part II Beginning of Year Carryover and Prefunding Balances**

|                                                                                                                                                                     | (a) Carryover balance | (b) Prefunding balance |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------|
| <b>7</b> Balance at beginning of prior year after applicable adjustments (line 13 from prior year).....                                                             | 8,872                 | 76,671                 |
| <b>8</b> Portion elected for use to offset prior year's funding requirement (line 35 from prior year) .....                                                         |                       |                        |
| <b>9</b> Amount remaining (line 7 minus line 8).....                                                                                                                | 8,872                 | 76,671                 |
| <b>10</b> Interest on line 9 using prior year's actual return of <u>-4.15%</u> .....                                                                                | -368                  | -3,182                 |
| <b>11</b> Prior year's excess contributions to be added to prefunding balance:                                                                                      |                       |                        |
| <b>a</b> Present value of excess contributions (line 38a from prior year).....                                                                                      |                       | 0                      |
| <b>b(1)</b> Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.59%</u> ..... |                       | 0                      |
| <b>b(2)</b> Interest on line 38b from prior year Schedule SB, using prior year's actual return .....                                                                |                       |                        |
| <b>c</b> Total available at beginning of current plan year to add to prefunding balance .....                                                                       |                       | 0                      |
| <b>d</b> Portion of (c) to be added to prefunding balance.....                                                                                                      |                       |                        |
| <b>12</b> Other reductions in balances due to elections or deemed elections .....                                                                                   | 0                     | 0                      |
| <b>13</b> Balance at beginning of current year (line 9 + line 10 + line 11d - line 12).....                                                                         | 8,504                 | 73,489                 |

**Part III Funding Percentages**

|                                                                                                                                                                            |           |        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------|
| <b>14</b> Funding target attainment percentage .....                                                                                                                       | <b>14</b> | 95.47% |
| <b>15</b> Adjusted funding target attainment percentage.....                                                                                                               | <b>15</b> | 95.47% |
| <b>16</b> Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement ..... | <b>16</b> | 97.90% |
| <b>17</b> If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage. ....                                        | <b>17</b> | %      |

**Part IV Contributions and Liquidity Shortfalls****18** Contributions made to the plan for the plan year by employer(s) and employees:

| (a) Date<br>(MM-DD-YYYY) | (b) Amount paid by<br>employer(s) | (c) Amount paid by<br>employees | (a) Date<br>(MM-DD-YYYY) | (b) Amount paid by<br>employer(s) | (c) Amount paid by<br>employees |
|--------------------------|-----------------------------------|---------------------------------|--------------------------|-----------------------------------|---------------------------------|
| 06/26/2019               | 13,351                            | 0                               |                          |                                   |                                 |
| 08/07/2019               | 13,351                            | 0                               |                          |                                   |                                 |
| 10/03/2019               | 14                                | 0                               |                          |                                   |                                 |
| 11/06/2019               | 13,351                            | 0                               |                          |                                   |                                 |
| 02/05/2020               | 13,351                            | 0                               |                          |                                   |                                 |
| 06/01/2020               | 8,412                             | 0                               |                          |                                   |                                 |
|                          |                                   |                                 |                          |                                   |                                 |
|                          |                                   |                                 |                          |                                   |                                 |
|                          |                                   |                                 |                          |                                   |                                 |
|                          |                                   |                                 |                          |                                   |                                 |
|                          |                                   |                                 |                          |                                   |                                 |
|                          |                                   |                                 |                          |                                   |                                 |
|                          |                                   |                                 |                          |                                   |                                 |
|                          |                                   |                                 |                          |                                   |                                 |
|                          |                                   |                                 |                          |                                   |                                 |
|                          |                                   |                                 |                          |                                   |                                 |
|                          |                                   |                                 |                          |                                   |                                 |
|                          |                                   |                                 |                          |                                   |                                 |
| <b>Totals ▶</b>          |                                   |                                 | <b>18(b)</b>             | 61,830                            | <b>18(c)</b> 0                  |

**19** Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

|                                                                                                                        |            |        |
|------------------------------------------------------------------------------------------------------------------------|------------|--------|
| <b>a</b> Contributions allocated toward unpaid minimum required contributions from prior years.....                    | <b>19a</b> | 0      |
| <b>b</b> Contributions made to avoid restrictions adjusted to valuation date .....                                     | <b>19b</b> | 0      |
| <b>c</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date..... | <b>19c</b> | 59,336 |

**20** Quarterly contributions and liquidity shortfalls:

|                                                                                                                         |                                                                     |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>a</b> Did the plan have a "funding shortfall" for the prior year?.....                                               | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>b</b> If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ..... | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>c</b> If line 20a is "Yes," see instructions and complete the following table as applicable:                         |                                                                     |

Liquidity shortfall as of end of quarter of this plan year

| (1) 1st | (2) 2nd | (3) 3rd | (4) 4th |
|---------|---------|---------|---------|
| 0       | 0       | 0       | 0       |

**Part V Assumptions Used to Determine Funding Target and Target Normal Cost****21** Discount rate:**a** Segment rates:1st segment:  
3.74 %2nd segment:  
5.35 %3rd segment:  
6.11 %☐ N/A, full yield curve used**b** Applicable month (enter code).....**21b**

0

**22** Weighted average retirement age .....**22**

65

**23** Mortality table(s) (see instructions)☒ Prescribed - combined☐ Prescribed - separate☐ Substitute**Part VI Miscellaneous Items****24** Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. .... ☐ Yes ☒ No**25** Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. .... ☐ Yes ☒ No**26** Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. .... ☒ Yes ☐ No**27** If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment .....**27****Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years****28** Unpaid minimum required contributions for all prior years .....**28**

0

**29** Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....**29**

0

**30** Remaining amount of unpaid minimum required contributions (line 28 minus line 29) .....**30**

0

**Part VIII Minimum Required Contribution For Current Year****31** Target normal cost and excess assets (see instructions):**a** Target normal cost (line 6).....**31a**

35,644

**b** Excess assets, if applicable, but not greater than line 31a .....**31b**

0

**32** Amortization installments:

Outstanding Balance

Installment

**a** Net shortfall amortization installment.....

179,937

23,692

**b** Waiver amortization installment .....**33** If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_) and the waived amount .....**33****34** Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....**34**

59,336

|                                                                       | Carryover balance | Prefunding balance | Total balance |
|-----------------------------------------------------------------------|-------------------|--------------------|---------------|
| <b>35</b> Balances elected for use to offset funding requirement..... |                   |                    | 0             |

**36** Additional cash requirement (line 34 minus line 35).....**36**

59,336

**37** Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....**37**

59,336

**38** Present value of excess contributions for current year (see instructions)**a** Total (excess, if any, of line 37 over line 36) .....**38a**

0

**b** Portion included in line 38a attributable to use of prefunding and funding standard carryover balances .....**38b****39** Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37).....**39**

0

**40** Unpaid minimum required contributions for all years .....**40**

0

**Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)****41** If an election was made to use PRA 2010 funding relief for this plan:**a** Schedule elected .....☐ 2 plus 7 years☐ 15 years**b** Eligible plan year(s) for which the election in line 41a was made .....☐ 2008☐ 2009☐ 2010☐ 2011

**The Aerolite Defined Benefit Pension Plan**

**EIN: 34-1082339**

**PN: 003**

**Schedule SB, line 19c discounted employer contributions**

**Contribution Summary**

|                                           |                 |
|-------------------------------------------|-----------------|
| Contribution as of                        | 59,336          |
| Carryover Balance as of 02/01/19          | <u>0</u>        |
| Net Min Req Cont as of 2/1/19             | 59,336          |
| Offset by discounted quarterlies          | <u>(59,336)</u> |
| Remaining Contribution as of 2/1/19       | 0               |
| Final Amount Due Based on Date of Payment | 0               |

Date Paid **06/01/20**

| Amount paid   | Required Quarterly Installment | Date Due | Date Paid | Quarterly Contribution discounted to BOY |
|---------------|--------------------------------|----------|-----------|------------------------------------------|
| 13,351        | 13,351                         | 05/15/19 | 06/26/19  | 13,004                                   |
|               |                                | 05/15/19 |           | 0                                        |
| 13,351        | 13,351                         | 08/15/19 | 08/07/19  | 12,995                                   |
|               |                                | 08/15/19 |           | 0                                        |
|               |                                | 08/15/19 |           | 0                                        |
| 14            | 13,351                         | 11/15/19 | 10/03/19  | 14                                       |
| 13,351        |                                | 11/15/19 | 11/06/19  | 12,825                                   |
| 13,351        | 13,351                         | 02/15/20 | 02/05/20  | 12,657                                   |
|               |                                | 02/15/20 |           | 0                                        |
|               |                                | 02/15/20 |           | 0                                        |
| 8,412         |                                | 10/15/20 | 06/01/20  | 7,841                                    |
|               |                                | 10/15/20 |           | 0                                        |
|               |                                |          |           | 0                                        |
| <u>61,830</u> |                                |          |           | <u>59,336</u>                            |

Effective interest rate 5.42%

Late interest rate 10.42%

## **THE AEROLITE DEFINED BENEFIT PENSION PLAN**

**EIN: 34-1082339**

**PN: 001**

**SCHEDULE SB, PART V**

### **SUMMARY OF PLAN PROVISIONS**

The following is a summary of what we understand to be the most relevant plan provisions for purposes of the actuarial valuation. This summary should not be used for purposes of determining benefits under the plan.

#### **Effective Date**

February 1, 1963; as last restated effective February 1, 2013, amended effective July 31, 2018.

#### **Eligibility**

All employees of the participating companies who were included in the bargaining unit prior to February 1, 2007 were automatically participants in the plan. Employees were also included under terms of the pension agreement. Effective February 1, 2007, no new participants will be allowed into the plan.

#### **Retirement Dates**

Early - Age 60 and 15 years of continuous service.

Normal - Age 62 and 5 years of participation.

Late - Anytime after Normal Retirement Date.

Disability - 15 years of continuous service if permanently and totally disabled for at least six months.

#### **Retirement and Termination Benefits**

Accrued Benefit - A monthly benefit equal to the product of the benefit multiplier in effect as of the earliest date of retirement, termination, disability, death, or plan freeze and the participant's years and months of continuous service. Continuous service is years and nearest months of employment completed from date of hire to the earlier of plan freeze or termination of employment (maximum of 50\* years). The benefits for the salaried participants were frozen as of February 1, 2007. The benefits for the bargained employees were frozen as of July 31, 2018.

The negotiated benefit multipliers are as follows:

| <u>Effective Date</u> | <u>Benefit Multiplier</u> |
|-----------------------|---------------------------|
| February 1, 2005      | 21.00                     |
| February 1, 2006      | 22.00                     |
| February 1, 2007      | 23.00                     |
| February 1, 2008      | 24.00                     |
| February 1, 2009      | 25.00                     |
| April 1, 2015         | 25.50                     |
| April 1, 2016         | 26.00                     |

*\*Service cap was increased from 45 years to 50 years effective April 1, 2017.*

Early Retirement - Accrued benefit actuarially reduced for each month the benefit commencement date precedes normal retirement date.

Normal Retirement - Accrued benefit.

Late Retirement - Accrued benefit determined as of actual retirement date.

Disability - Accrued benefit determined under the normal retirement formula based on service to date of disability.

### **Vested Termination**

A participant is eligible for a deferred vested benefit upon termination of employment after completion of five years of continuous service.

### **Pre-Retirement Death Benefits**

If death occurs prior to completing 5 years of service or while the Member is not married, no benefits shall be payable from this Plan.

Upon the death of a married Member who qualifies for early retirement, the Member's spouse shall receive a monthly benefit for life based on the benefit payable under a Joint and 50% Survivor Annuity which the Member's spouse would receive assuming the Member retired on the day before his death.

The spouse of any married vested participant who was not eligible for early retirement is also eligible for a benefit if the participant should die prior to his normal retirement date. The monthly pension payable at the participant's earliest retirement date will be an amount equal to the benefit calculated as though the participant survived to his earliest retirement age, selected a 50% Qualified Joint and Survivor Annuity, and died on the day after the day of attaining the earliest retirement age.

### **Employee Contributions**

None required.

### **Payment Forms**

Normal: Life Only Annuity, automatically payable as a 50% Joint and Survivor Annuity to married participants.

Optional: Life Annuity

50% Joint and Survivor Spousal Annuity.

75% Joint and Survivor Spousal Annuity.

Lump sum distribution if less than \$50,000.

**THE AEROLITE DEFINED BENEFIT PENSION PLAN**

**EIN: 34-1082339**

**PN: 001**

**SCHEDULE SB, LINE 32**

**SCHEDULE OF AMORTIZATION BASES**

**Funding Shortfall**

|                                                   |              |
|---------------------------------------------------|--------------|
| 1. Funding Target                                 | \$ 3,973,389 |
| 2. Adjusted Plan Assets                           |              |
| a) Actuarial Value of Assets                      | 3,875,445    |
| b) Funding Standard Carryover Balance             | 8,504        |
| c) Prefunding Balance                             | 73,489       |
| d) Adjusted Assets: (a) - (b) - (c)               | 3,793,452    |
| 3. Funding Shortfall (Excess): (1) - (2)(d)       | 179,937      |
| 4. Exemption From New Shortfall Amortization Base |              |
| a) Target Liability Percentage                    | 100%         |
| b) Shortfall Funding Target (1) x (a)             | 3,973,389    |
| c) Exempt if (2)(a) ≥ (4)(b)                      | No           |
| 5. Shortfall Amortization Base                    | \$ 179,937   |

**Shortfall Amortization Charge**

| <u>Date</u> | <u>Base</u> | <u>Current Amount</u> | <u>Amortization Period Remaining</u> | <u>Shortfall Amortization Charge</u> |
|-------------|-------------|-----------------------|--------------------------------------|--------------------------------------|
| 2/1/11      | 400,567     | 237,150               | 7                                    | 38,534                               |
| 2/1/13      | (64,144)    | (10,796)              | 1                                    | (10,796)                             |
| 2/1/14      | 54,235      | 17,827                | 2                                    | 9,077                                |
| 2/1/15      | (9,990)     | (4,806)               | 3                                    | (1,661)                              |
| 2/1/16      | (60,356)    | (37,782)              | 4                                    | (9,972)                              |
| 2/1/17      | 131,508     | 100,465               | 5                                    | 21,595                               |
| 2/1/18      | (167,103)   | (147,935)             | 6                                    | (27,280)                             |
| 2/1/19      | 25,814      | <u>25,814</u>         | 7                                    | <u>4,195</u>                         |
| Total       |             | \$ 179,937            |                                      | \$ 23,692                            |