1. Name and Address of Reporting Person
   **Horton Amy**
   (Last) (First) (Middle)
   ARTIVION, INC.
   1655 ROBERTS BLVD, NW
   KENNESAW GA 30144

2. Issuer Name and Ticker or Trading Symbol
   **ARTIVION, INC. [AORT]**

3. Date of Earliest Transaction (Month/Day/Year)
   12/06/2023

4. If Amendment, Date of Original Filed
   (Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer
   (Check all applicable)
   - Director
   - 10% Owner
   - Officer (give title below)
   - Other (specify below)
   **VP, Chief Accounting Officer**

6. Individual or Joint/Group Filing (Check Applicable Line)
   - Form filed by One Reporting Person
   - Form filed by More than One Reporting Person

Rule 10b5-1(c) Transaction Indication
   - Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

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### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</th>
<th>2. Transaction Date (Month/Day/Year)</th>
<th>2A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>3. Transaction Code (Instr. 8)</th>
<th>4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</th>
<th>5. Amount of Securities Acquired Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Common Stock</strong></td>
<td>12/06/2023</td>
<td></td>
<td>A</td>
<td>A $17.83</td>
<td>20,191 A</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|------------------------------------------|------------------------------------------------------|-------------------------------------|----------------------------------|-----------------------------|---------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------|--------------------------------|--------------------------------|-----------------------------|
|                                          |                                                      |                                     |                                  |                             |                                                                                 |                                               |                                                                                |                                 |                                                                              |                                 |                                                |                              |

### Explanation of Responses:

1. Represents shares of restricted stock 50% vests on the first anniversary and 50% vests on the second anniversary of the grant date, pursuant to the terms of the Equity and Cash Incentive Plan.

**Remarks:**

/s/ Amy Horton  
**Signature of Reporting Person**  
12/07/2023  
**Date**

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).


Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.