1. Name and Address of Reporting Person
ASLETT MARK
50 MINUTEMAN ROAD
ANDOVER MA 01810

2. Issuer Name and Ticker or Trading Symbol
MERCURY SYSTEMS INC [ MRCY ]

5. Relationship of Reporting Person(s) to Issuer
X Director
10% Owner
X Officer (give title below)
President and CEO

3. Date of Earliest Transaction (Month/Day/Year)
12/02/2020

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

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

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

| Title of Security | Transaction Date | Transaction Code | Number of Securities Acquired/Disposed | Price | Amount of Securities Beneficially Owned Following Reported Transaction(s)
<table>
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</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>12/02/2020</td>
<td>S</td>
<td>1,250 (A)</td>
<td>$71.376 (1)</td>
<td>275,208 (D)</td>
</tr>
<tr>
<td>Common Stock</td>
<td>12/03/2020</td>
<td>S</td>
<td>1,250 (A)</td>
<td>$72.377 (2)</td>
<td>273,958 (D)</td>
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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

Explanations of Responses:
1. Pursuant to a 10b5-1 stock trading plan established on August 7, 2020.
2. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from $70.69 to $72.00, inclusive.
3. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from $71.68 to $73.11, inclusive.

Remarks:
/s/ Michelle McCarthy,
Attorney-in-Fact for Aslett Mark
12/04/2020

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.