Form filed by One Reporting Person

1. Name and Address of Reporting Person
   Ellis James O Jr
   6801 ROCKLEDGE DRIVE
   BETHESDA MD 20817

2. Issuer Name and Ticker or Trading Symbol
   LOCKHEED MARTIN CORP [ LMT ]

3. Date of Earliest Transaction (Month/Day/Year)
   04/01/2022

4. If Amendment, Date of Original Filed (Month/Day/Year)
   
5. Relationship of Reporting Person(s) to Issuer
   
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

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</th>
<th>2. Transaction Date (Month/Day/Year)</th>
<th>3A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>4. Transaction Code (Instr. 8)</th>
<th>5. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</th>
<th>6. Date of Record (Month/Day/Year)</th>
<th>7. Expiration Date (Month/Day/Year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>04/01/2022</td>
<td>M</td>
<td>519.5744</td>
<td>A</td>
<td>0/0/2022</td>
<td>0/0/2022</td>
</tr>
<tr>
<td>Common Stock</td>
<td>04/01/2022</td>
<td>D</td>
<td>519.5744</td>
<td>D</td>
<td>445.98</td>
<td>200</td>
</tr>
</tbody>
</table>

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

<table>
<thead>
<tr>
<th>1. Title of Derivative Security (Instr. 3)</th>
<th>2. Conversion or Exercise Price of Derivative Security</th>
<th>3. Transaction Date (Month/Day/Year)</th>
<th>3A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>4. Transaction Code (Instr. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</th>
<th>6. Date Exercisable and Expiration Date (Month/Day/Year)</th>
<th>7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security (Instr. 5)</th>
<th>9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phantom Stock Units</td>
<td>(1)</td>
<td>04/01/2022</td>
<td>M</td>
<td>519.5744</td>
<td>(2)</td>
<td>(2)</td>
<td>Common Stock</td>
<td>519.5744</td>
<td>(1)</td>
<td>21,687,570(3)</td>
<td>Lockheed Martin Directors Equity Plan</td>
</tr>
</tbody>
</table>

Explanation of Responses:
1. Each share of phantom stock is the economic equivalent of one share of Lockheed Martin Corporation common stock.
2. The reporting person elected payment of his 2021 equity award and accrued dividend equivalents thereon in cash in accordance with the terms of the Lockheed Martin Corporation Amended and Restated Directors Equity Plan.
3. End of period holdings include additional acquisitions through dividend reinvestment.

James O. Ellis, Jr., by Kerri R. Morey, Attorney-in-fact
04/05/2022

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.