FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. | 20549 |
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| vvasilington, | D.C. | 20040 |

| OMB APPR | OVAL | | | | | | |
|--------------------------|-----------|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | |
| Estimated average burden | | | | | | | |
| hours per response: | 0.5 | | | | | | |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* Ruppert Michael | | | | | | 2. Issuer Name and Ticker or Trading Symbol MERCURY SYSTEMS INC [MRCY] | | | | | | | | (Check | all app Direc | licable) | ng Per | rson(s) to Issuer 10% Owner Other (specify | |
|--|--|--|---------|-------------------------------------|-----------------|---|-------|--------|--|----------------------|-------------|---|------------|---|--|--|--------|--|--|
| (Last) 50 MINU | (Fii J TEMAN F | , | Middle) | | | ate of E . <mark>7/20</mark> 2 | | Trans | saction | (Mont | h/Day/Year) | | X | below) below) EVP, CFO and Treasurer | | | | | |
| (Street) | | | | | 4. If <i>i</i> | Amend | ment, | Date o | e of Original Filed (Month/Day/Year) | | | | | | ndividual or Joint/Group Filing (Check Applica | | | | |
| ANDOV | ER M | A 0 | 1810 | | | | | | | | | | X | Form filed by One Reporting Person Form filed by More than One Reporting | | | | | |
| (City) | (St | ate) (Z | Zip) | | | | | | | | | | | | Perso | on | | | |
| | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Da | | | | | Execution Date, | | | | Acquired (A) or f (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following | | Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | | |
| | | | | | | | | | Code | v | Amount | (A) or (D) | Price | 9 | Reported Transaction(s) (Instr. 3 and 4) | | | | (111501.4) |
| Common Stock 08/1 | | | | 08/17/20 | 020 | | | | A | | 7,350(1) | A | \$(| 0.00 | 126 | 6,516 ⁽²⁾ | | D | |
| Common Stock | | | | 08/17/2020 | | | | Α | | 7,350 ⁽³⁾ | A | \$(| \$0.00 | | 133,866 | | D | | |
| Common Stock 08/17 | | | | 08/17/20 |)20 | | | | S | | 5,722(4) | D | \$78 | \$78.64 ⁽⁵⁾ | | 128,144 | | D | |
| Common Stock 08/18/2 | | | | 08/18/20 |)20 | | | S | | 6,709(4) | D | \$77 | \$77.34(6) | | 121,435 | | D | | |
| Common | Stock | | | 08/19/20 |)20 | | | | S | | 180(4) | D | \$77 | 7.13 ⁽⁷⁾ | 121,255 D | | | | |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | Execu | eemed Ition Date, h/Day/Year) | | Transaction Code (Instr. 8) of Derivativ Securitie Acquired (A) or Disposec of (D) (Instr. 3, and 5) | | | 1 | | | Amount of De Securities Se | | Der Sec (Ins | Price of ivative surity str. 5) | 9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | y | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |

Explanation of Responses:

- 1. These shares of restricted stock vest in three equal installments beginning on August 17, 2021.
- 2. Ownership includes FY18 Performance Stock Vesting at 250%.
- 3. These shares of performance-based restricted stock vest between 0% and 300% of the amount listed in the table depending on the achievement of performance objectives for the three-year period ending June 30, 2023.
- 4. Represents the number of shares required to be sold by the reporting person to cover tax withholding obligations in connection with the vesting of RSAs and PSAs. This sale was made to satisfy tax withholding obligations by a sell to cover transaction and does not represent a discretionary trade by the reporting person.
- 5. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$77.74 to \$79.88, inclusive.
- 6. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$76.65 to \$78.22, inclusive.
- 7. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$76.42 to \$77.33, inclusive.

Remarks:

/s/ Michelle McCarthy,

Attorney-in-Fact for Ruppert,

08/19/2020

Michael

** Signature of Reporting Person

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).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

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.

MERCURY SYSTEMS, INC. SECTION 16(a) FILINGS

Know all by these presents, that the undersigned hereby constitutes and appoints each of the Chief Financial Officer, the General Counsel, and the Chief Accounting Officer of Mercury Systems, Inc., acting singly, the undersigned's true and lawful attorney-in-fact to:

- (1) prepare, execute in the undersigned's name and on the undersigned's behalf, and submit to the U.S. Securities and Exchange Commission (the "SEC") a Faun ID, including amendments thereto, and any other documents necessary or appropriate to obtain codes and passwords enabling the undersigned to make electronic filings with the SEC of reports required by Section 16(a) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or any rule or regulation of the SEC;
- (2) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer, director, and/or shareholder of Mercury Systems, Inc. (the "Company"), Forms 3, 4, 5, and 144 and amendments thereto, in accordance with Section 16(a) of the Exchange Act and the rules thereunder;
- (3) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4, 5 or 144, or amendments thereto, and timely file such form with the SEC and any stock exchange or similar authority; and
- take any other action of any type whatsoever which, in the opinion of such attorney-in-fact, may be necessary or desirable in connection with the foregoing authority, it being understood that the documents executed by each such attorney-in-fact on behalf of the undersigned pursuant to this Limited Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-infact may approve, provided, however, that the undersigned does not grant to each such power-ofattorney the right to engage in any transactions involving the securities of the Company on behalf of the undersigned, including without limitation, the right to purchase or sell any securities of the Company.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do' and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that each such attorney-in-fact, or each such attorney-in-fact's substitute or substitutes (any such substitute also being referred to herein as an "attorney-in-fact") shall lawfully do or cause to be done by virtue of this Limited Power of Attorney and the rights and powers herein granted. The undersigned acknowledges that each attorney-in-fact, in serving in such capacity at the request of the undersigned or such attorney-in-

fact, is not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act.

The undersigned agrees that each such attorney-in-fact shall not be liable for any error of judgment or for any act done or omitted to be done or for any mistake of fact or law except for each such attorney-in-fact's own bad faith, and the undersigned agrees to indemnify and to hold each such attorney-in-fact harmless against any loss, claim, damage, liability, or cost incurred

on each such attorney-in-fact's part arising out of or in connection with acts undertaken or omitted to be taken as an attorney-in-fact hereunder.

This Limited Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, 5, and 144 with respect to the undersigned's holdings of and transactions in securities of Mercury Systems, Inc., unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact. This Limited Power of Attorney may be filed with the SEC as a confirming statement of the authority granted herein.

IN WITNESS WHEREOF, the undersigned has caused this Limited Power of Attorney to be executed as of this 5th day of February, 2018.

/s/ Michael Ruppert