

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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

| OMB APPROVAL                                 |           |
|--|-----------|
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|   |   |   |
|---|---|---|
| 1. Name and Address of Reporting Person *<br><u>Graff Michael</u><br><br>(Last) (First) (Middle)<br><u>450 LEXINGTON AVENUE</u><br><br>(Street)<br><u>NEW YORK NY 10017</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>TransDigm Group INC [ TDG ]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br><br>Officer (give title below) Other (specify below) |
|   | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>05/10/2012</u>             |   |
| 4. If Amendment, Date of Original Filed (Month/Day/Year)  |   |   |

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |                           | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|---------------------------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price                     |   |  |   |
| Common Stock                    | 05/10/2012                           |  | M                              |   | 20,000  | A          | \$6.68                    | 39,537  | D  |   |
| Common Stock                    | 05/10/2012                           |  | S                              |   | 4,598   | D          | \$125.601 <sup>(1)</sup>  | 34,939  | D  |   |
| Common Stock                    | 05/10/2012                           |  | S                              |   | 13,394  | D          | \$126.6769 <sup>(2)</sup> | 21,545  | D  |   |
| Common Stock                    | 05/10/2012                           |  | S                              |   | 2,008   | D          | \$127.1869 <sup>(3)</sup> | 19,537  | 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) | 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) |       |
|--|--|--------------------------------------|--|--------------------------------|---|--|--------|--|-----------------|---|--|--|---|--|-------|
|  |  |                                      |  | Code                           | V | (A)  | (D)    | Date Exercisable   | Expiration Date |   |  |  |   |  | Title |
| Stock Option                               | \$6.68   | 05/10/2012                           |  | M                              |   |  | 9,677  | 07/22/2003   | 07/22/2013      | Common Stock  | 9,677                                      | \$0.00   | 0   | D  |       |
| Stock Option                               | \$6.68   | 05/10/2012                           |  | M                              |   |  | 10,323 | 07/22/2003   | 07/22/2013      | Common Stock  | 10,323                                     | \$0.00   | 16,096  | D  |       |

**Explanation of Responses:**

- Price reported constitutes the average weighted price of shares sold. Shares were sold at varying prices in the range of \$125.03 - \$126.02. The reporting person hereby undertakes, upon request of the Commission, the issuer or a security holder of the issuer, to provide full information regarding the number of shares sold at each separate price.
- Price reported constitutes the average weighted price of shares sold. Shares were sold at varying prices in the range of \$126.03 - \$127.02. The reporting person hereby undertakes, upon request of the Commission, the issuer or a security holder of the issuer, to provide full information regarding the number of shares sold at each separate price.
- Price reported constitutes the average weighted price of shares sold. Shares were sold at varying prices in the range of \$127.03 - \$127.38. The reporting person hereby undertakes, upon request of the Commission, the issuer or a security holder of the issuer, to provide full information regarding the number of shares sold at each separate price.

**Remarks:**

Halle Fine Terrion as attorney 05/11/2012  
in fact for Michael Graff

\*\* Signature of Reporting Person 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).

\*\* 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.