Palmer Peter Form 4 March 21, 2012

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Check this box if no longer

subject to Section 16. Form 4 or Form 5

1(b).

(Last)

obligations may continue. See Instruction

(Print or Type Responses)

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * Palmer Peter

> (First) (Middle)

5000 TRIGGS STREET

(Street)

LOS ANGELES, CA 90022

2. Issuer Name and Ticker or Trading Symbol

TransDigm Group INC [TDG]

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

03/19/2012

4. If Amendment, Date Original

Filed(Month/Day/Year)

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

Issuer

(Check all applicable)

5. Relationship of Reporting Person(s) to

Director 10% Owner X_ Officer (give title Other (specify

below) below) **Executive Vice President**

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) (Instr. 3)

Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code (Instr. 8)

Disposed of (D) (Instr. 3, 4 and 5)

Code V Amount (D) Price

(A)

5. Amount of Securities Beneficially Owned Following

Reported Transaction(s)

6. Ownership 7. Nature of Form: Direct (D) or Indirect Beneficial (T) (Instr. 4)

Indirect Ownership (Instr. 4)

(Instr. 3 and 4)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3) Price of Derivative Security

(Month/Day/Year) (Instr. 8) Acquired (A)

or Disposed of (D)

(Instr. 3, 4, and 5)

(A)

Code V

(D) Date Expiration Exercisable Date

Title

Amount or Number of Shares

Stock Option \$ 113.15 03/

03/19/2012

A 24,000

09/30/2012 03/19/2022

Common Stock

24,000

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer

Other

Palmer Peter

5000 TRIGGS STREET LOS ANGELES, CA 90022

Executive Vice President

Signatures

Halle Fine Terrion as attorney in fact for Peter Palmer

03/20/2012

**Signature of Reporting Person

Date

Explanation of Responses:

- * 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. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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