

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

OMB Number: 3235-0104  
Estimated average burden  
hours per response: 0.5Filed 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* <u>Maroney Sean P</u>	2. Date of Event Requiring Statement (Month/Day/Year) 04/20/2012	3. Issuer Name and Ticker or Trading Symbol <u>TransDigm Group INC [ TDG ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Treasurer</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)
(Last) (First) (Middle) <u>TRANSDIGM GROUP INCORPORATED</u> <u>1301 EAST 9TH ST SUITE 3000</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
(Street) <u>CLEVELAND OH 44114</u>			
(City) (State) (Zip)			

## Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
<u>Common Stock</u>	<u>200</u>	<u>D</u>	

## Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
<u>Stock Option</u>	<u>09/30/2006</u>	<u>10/01/2015</u>	<u>Common Stock</u>	<u>7,000</u>	<u>13.37</u>	<u>D</u>
<u>Stock Option</u>	<u>09/30/2009<sup>(1)</sup></u>	<u>11/17/2018</u>	<u>Common Stock</u>	<u>25,000</u>	<u>27.08</u>	<u>D</u>
<u>Stock Option</u>	<u>09/30/2010<sup>(2)</sup></u>	<u>11/16/2019</u>	<u>Common Stock</u>	<u>5,000</u>	<u>41.79</u>	<u>D</u>
<u>Stock Option</u>	<u>09/30/2012<sup>(3)</sup></u>	<u>11/14/2021</u>	<u>Common Stock</u>	<u>0</u>	<u>97.42</u>	<u>D</u>

## Explanation of Responses:

- Vest based on the achievement of annual and cumulative per share operating performance targets between fiscal 2009 and fiscal 2013.
- Vest based on the achievement of annual and cumulative per share operating performance targets between fiscal 2010 and fiscal 2014.
- Vest based on the achievement of annual per share operating performance targets between fiscal 2015 and fiscal 2016.

## Remarks:

Halle Fine Terrion as attorney 04/25/2012  
in fact for Sean Maroney

\*\* 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 5 (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.