

Howley W Nicholas  
 Form 4  
 February 10, 2011

**FORM 4**

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

OMB APPROVAL

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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 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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Howley W Nicholas

(Last) (First) (Middle)  
 1301 EAST NINTH STREET, SUITE 3710  
 (Street)

CLEVELAND, OH 44114

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 TransDigm Group INC [TDG]

3. Date of Earliest Transaction (Month/Day/Year)  
 02/09/2011

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Chief Executive Officer

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

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)	(A) or (D)	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)
Common Stock	02/09/2011		M	30,000	A	\$ 6.68 30,000	I	Bratenahl Investments, Ltd.
Common Stock	02/09/2011		S	29,400	D	\$ 81.9135 600 (1)	I	Bratenahl Investments, Ltd.
Common Stock	02/09/2011		S	600	D	\$ 82.4567 0 (2)	I	Bratenahl Investments, Ltd.
Common Stock	02/09/2011		M	38,987	A	\$ 6.68 38,987	D	

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Common Stock	02/09/2011	S	24,735	D	\$ 81.8722	14,252	D
					(3)		
Common Stock	02/09/2011	S	14,252	D	\$ 82.1979	0	D
					(4)		
Common Stock	02/10/2011	M	40,079	A	\$ 6.68	40,079	D
Common Stock	02/10/2011	S	40,079	D	\$ 81.7883	0	D
					(5)		

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

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(9-02)

**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 Underlying Securities (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option	\$ 6.68	02/09/2011		M	30,000	09/30/2004	08/05/2013	Common Stock	30,000
Stock Option	\$ 6.68	02/09/2011		M	38,987	09/30/2004	08/05/2013	Common Stock	38,987
Stock Option	\$ 6.68	02/10/2011		M	40,079	09/30/2004	08/05/2013	Common Stock	40,079

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Howley W Nicholas 1301 EAST NINTH STREET	X		Chief Executive Officer	

SUITE 3710  
CLEVELAND, OH 44114

## Signatures

Halle Fine Terrion as attorney in fact for W. Nicholas  
Howley

02/10/2011

\_\_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).

Price reported constitutes the average weighted price of shares sold. Shares were sold at varying prices in the range of \$81.19 - \$82.18.

(1) 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 \$82.21 - \$82.69.

(2) 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 \$81.10 - \$82.09.

(3) 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 \$82.10 - \$82.60.

(4) 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 \$81.46 - \$82.00.

(5) 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.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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