

Henderson Robert S
 Form 4
 February 24, 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 *
 Henderson Robert S

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 ADELWIGGINS GROUP, 5000 TRIGGS STREET

3. Date of Earliest Transaction (Month/Day/Year)
 02/23/2011

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Exec.V.P.

(Street)
 LOS ANGELES, CA 90022

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 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)			
				(A) or (D)	Price					
				Code	V	Amount				
Common Stock	02/23/2011		M		7,402	A	\$ 6.68	7,402	D	
Common Stock	02/23/2011		S		6,302	D	\$ 80.4207	1,100	D	
							(1)			
Common Stock	02/23/2011		S		1,100	D	\$ 81.1245	0	D	
							(2)			
Common Stock	02/24/2011		M		5,399	A	\$ 6.68	5,399	D	
	02/24/2011		S		5,399	D	\$ 80	0	D	

Common
Stock

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)	8. Amount or Number of Shares
Stock Option	\$ 6.68	02/23/2011		M	7,402	09/30/2004 08/05/2013	Common Stock	7,402
Stock Option	\$ 6.68	02/24/2011		M	5,399	09/30/2004 08/05/2013	Common Stock	5,399

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Henderson Robert S ADELWIGGINS GROUP 5000 TRIGGS STREET LOS ANGELES, CA 90022			Exec.V.P.	

Signatures

Halle Fine Terrion as attorney in fact for Robert Henderson
02/24/2011

__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).

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Price reported constitutes the average weighted price of shares sold. Shares were sold at varying prices in the range of \$80.04 - \$81.01.

- (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 \$81.07 - \$81.21.

- (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.

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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