Henderson Robert S Form 4 February 24, 2011

FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005 Estimated average

0.5

OMB APPROVAL

Form 4 or Form 5 obligations may continue. See Instruction

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

burden hours per response...

1(b).

(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)	3. Date of Earliest Transaction	(Check all applicable)		
			(Month/Day/Year)	Director 10% Owner		
ADELWIGG TRIGGS STR		9 , 5000	02/23/2011	X Officer (give title Other (specify below) Exec.V.P.		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person		
LOS ANGEL	ES, CA 9002	22		Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tab	le I - Non-	Derivative Securities Acqu	ired, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities Acquired (A) open Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price	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	Following Reported Transaction(s) (Instr. 3 and 4)	or Inc (I) (Instr
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)	1,100	D
Common Stock	02/23/2011	S		1,100	D	\$ 81.1245 (2)	0	D
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.

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

(9-02)

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

Der Sec	ritle of ivative urity str. 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. Transactic Code (Instr. 8)	onof Derivative Securities		of Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4,		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
Sto Op	ck tion	\$ 6.68	02/23/2011		M		7,402	09/30/2004	08/05/2013	Common Stock	7,402
Sto	ock tion	\$ 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	C		

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 02/24/2011 Henderson

> **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).

Reporting Owners 2

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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. 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.