

Leary John F
 Form 4
 December 13, 2007

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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 *
 Leary John F

(Last) (First) (Middle)

ADAMS RITE AEROSPACE
 INC., 4141 NORTH PALM STREET

(Street)

FULLERTON, CA 92835

(City) (State) (Zip)

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

3. Date of Earliest Transaction
 (Month/Day/Year)
 12/12/2007

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)

Pres., Adams Rite Aerospace

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) | 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | Code | V | Amount or Price | | |
| Common Stock | 12/12/2007 | | M | | 10,000 A \$ 6.68 | D | |
| Common Stock | 12/12/2007 | | S | | 200 D \$ 47.348 | D | |
| Common Stock | 12/12/2007 | | S | | 700 D \$ 47.35 | D | |
| Common Stock | 12/12/2007 | | S | | 100 D \$ 47.389 | D | |
| Common Stock | 12/12/2007 | | S | | 500 D \$ 47.4 | D | |

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| | | | | | | | |
|--------------|------------|---|-----|---|-----------|-------|---|
| Common Stock | 12/12/2007 | S | 400 | D | \$ 47.41 | 8,100 | D |
| Common Stock | 12/12/2007 | S | 200 | D | \$ 47.415 | 7,900 | D |
| Common Stock | 12/12/2007 | S | 100 | D | \$ 47.418 | 7,800 | D |
| Common Stock | 12/12/2007 | S | 400 | D | \$ 47.42 | 7,400 | D |
| Common Stock | 12/12/2007 | S | 100 | D | \$ 47.427 | 7,300 | D |
| Common Stock | 12/12/2007 | S | 100 | D | \$ 47.43 | 7,200 | D |
| Common Stock | 12/12/2007 | S | 100 | D | \$ 47.431 | 7,100 | D |
| Common Stock | 12/12/2007 | S | 100 | D | \$ 47.432 | 7,000 | D |
| Common Stock | 12/12/2007 | S | 200 | D | \$ 47.433 | 6,800 | D |
| Common Stock | 12/12/2007 | S | 100 | D | \$ 47.44 | 6,700 | D |
| Common Stock | 12/12/2007 | S | 100 | D | \$ 47.45 | 6,600 | D |
| Common Stock | 12/12/2007 | S | 200 | D | \$ 47.454 | 6,400 | D |
| Common Stock | 12/12/2007 | S | 200 | D | \$ 47.458 | 6,200 | D |
| Common Stock | 12/12/2007 | S | 200 | D | \$ 47.468 | 6,000 | D |
| Common Stock | 12/12/2007 | S | 300 | D | \$ 47.478 | 5,700 | D |
| Common Stock | 12/12/2007 | S | 100 | D | \$ 47.481 | 5,600 | D |
| Common Stock | 12/12/2007 | S | 800 | D | \$ 47.5 | 4,800 | D |
| Common Stock | 12/12/2007 | S | 100 | D | \$ 47.505 | 4,700 | D |
| Common Stock | 12/12/2007 | S | 400 | D | \$ 47.51 | 4,300 | D |
| Common Stock | 12/12/2007 | S | 100 | D | \$ 47.519 | 4,200 | D |
| | 12/12/2007 | S | 100 | D | | 4,100 | D |

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| | | | | | | | | | |
|--------------|------------|--|---|-----|----|-----------|-------|--|--------|
| Common Stock | | | | | \$ | | | | 47.524 |
| Common Stock | 12/12/2007 | | S | 100 | D | \$ 47.53 | 4,000 | | D |
| Common Stock | 12/12/2007 | | S | 100 | D | \$ 47.54 | 3,900 | | D |
| Common Stock | 12/12/2007 | | S | 100 | D | \$ 47.545 | 3,800 | | D |
| Common Stock | 12/12/2007 | | S | 100 | D | \$ 47.55 | 3,700 | | D |

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

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SEC 1474
(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 | 12/12/2007 | | M | 10,000 | 09/30/2004 | 08/05/2013 | Common Stock | 10,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|-----------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Leary John F ADAMS RITE AEROSPACE INC. 4141 NORTH PALM STREET FULLERTON, CA 92835 | | | Pres., Adams Rite Aerospace | |

Signatures

Halle Fine Terrion, as attorney-in-fact for John
Leary

12/13/2007

__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).

Remarks:

All transactions reported hereunder made pursuant to an established 10b5-1 plan.

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.