
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

**Pursuant to Section 13 or 15(d) of The
Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): September 3, 2010

TransDigm Group Incorporated

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation)

001-32833

(Commission File Number)

41-2101738

(IRS Employer Identification No.)

1301 East 9th Street, Suite 3710, Cleveland, Ohio

(Address of principal executive offices)

44114

(Zip Code)

(216) 706-2960

(Registrant's telephone number, including area code)

(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrants' under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 7.01 Regulation FD Disclosure

On September 3, 2010, TransDigm completed the acquisition of Semco Instruments Inc. (Semco) for approximately \$74 million in cash (the "Merger"). Semco manufactures proprietary, highly engineered components for all major turbo-prop, turbo-fan, and turbo-shaft engines manufactured by Pratt Whitney, Honeywell, and General Electric, among others. Semco products are primarily used on helicopters, business jets and selected regional airplanes. The acquisition was previously announced on August 6, 2010.

A copy of the September 3, 2010 press release announcing the Merger is attached to this Report as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits**(d) Exhibits**

The following exhibits are being filed with this Current Report on Form 8-K:

99.1 Press Release issued September 3, 2010.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

TRANSDIGM GROUP INCORPORATED

By: /s/ Gregory Rufus

Gregory Rufus
Executive Vice President, Chief
Financial Officer and Secretary

Date: September 3, 2010

Exhibit Index

Exhibit
No.

Description

99.1 Press Release issued September 3, 2010.



TransDigm Completes Acquisition of Semco Instruments Inc.

Cleveland, September 3, 2010/PRNewswire-FirstCall/ — TransDigm Group Incorporated (NYSE: TDG), a leading global designer, producer and supplier of highly engineered aircraft components, today announced that it has completed the acquisition of Semco Instruments Inc. (Semco) for approximately \$74 million in cash that was previously announced on August 6, 2010.

Semco, which is based in Valencia, CA, manufactures proprietary, highly engineered components for all major turbo-prop, turbo-fan, and turbo-shaft engines manufactured by Pratt Whitney, Honeywell, and General Electric, among others. Semco products are primarily used on helicopters, business jets and selected regional airplanes. Semco had annual revenues for calendar year 2009 of approximately \$38 million, with significant aftermarket content.

About TransDigm Group

TransDigm Group, through its wholly-owned subsidiaries, is a leading global designer, producer and supplier of highly engineered aircraft components for use on nearly all commercial and military aircraft in service today. Major product offerings, substantially all of which are ultimately provided to end-users in the aerospace industry, include mechanical/ electromechanical actuators and controls, ignition systems and components, gear pumps, specialized valves, engineered connectors, power conditioning devices, specialized fluorescent lighting, specialized AC/DC electric motors, aircraft audio systems, engineered latches and cockpit security devices, lavatory hardware and components, hold open rods and locking devices, specialized cockpit displays, elastomers, NiCad batteries/chargers, and starter generators and related components.

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