

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): February 4, 2010



Southwest Airlines Co.

(Exact name of registrant as specified in its charter)

Texas
(State or other jurisdiction
of incorporation)

1-7259
(Commission
File Number)

74-1563240
(I.R.S. Employer
Identification No.)

P. O. Box 36611, Dallas, Texas
(Address of principal executive offices)

75235-1611
(Zip Code)

Registrant's telephone number, including area code: (214) 792-4000

Not Applicable

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 registrant under any of the following provisions:

- ☐ 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 February 4, 2010, the Registrant issued a press release announcing its traffic results for January 2010. The press release is furnished herewith as Exhibit 99.1 and is incorporated by reference into this Item 7.01.

The information furnished in this Item 7.01 shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section, nor shall such information be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, regardless of any general incorporation language in such filing, except as shall be expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits:

99.1 Registrant's January 2010 Traffic Release.

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.

SOUTHWEST AIRLINES CO.

February 4, 2010

By /s/ Laura Wright

Laura Wright
Chief Financial Officer
(Principal Financial and
Accounting Officer)

Exhibit Index

Exhibit No.	Description
99.1	Registrant's January 2010 Traffic Release.

CONTACT: Investor Relations (214) 792-4415

SOUTHWEST AIRLINES REPORTS JANUARY TRAFFIC

DALLAS, TEXAS -- February 4, 2010 -- Southwest Airlines Co. (NYSE: LUV) announced today that the Company flew 5.5 billion revenue passenger miles (RPMs) in January 2010, a 7.1 percent increase from the 5.1 billion RPMs flown in January 2009. Available seat miles (ASMs) decreased 6.7 percent to 7.6 billion from the January 2009 level of 8.2 billion. The load factor for the month was 72.1 percent, compared to 62.8 percent for the same period last year. For January 2010, passenger revenue per ASM is estimated to have increased in the 14 to 15 percent range compared to January 2009.

This release, as well as past news releases on Southwest, are available online at **southwest.com**.

[/more](#)

SOUTHWEST AIRLINES CO.
PRELIMINARY COMPARATIVE TRAFFIC STATISTICS

	JANUARY		
	2010	2009	CHANGE
Revenue passengers carried	6,500,716	5,988,116	8.6%
Enplaned passengers	7,576,013	6,993,566	8.3%
Revenue passenger miles (000)	5,499,087	5,135,380	7.1%
Available seat miles (000)	7,622,575	8,172,539	(6.7)%
Load factor	72.1%	62.8%	9.3 pts.
Average length of haul	846	858	(1.4)%
Trips flown	88,406	94,606	(6.6)%
