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): January 8, 2010



Southwest Airlines Co.

(Exact name of registrant as specified in its charter)

Texas	1-7259	74-1563240
(State or other jurisdiction of incorporation)	(Commission File Number)	(I.R.S. Employer Identification No.
P. O. Box 36611, Dallas, Texas		75235-1611
(Address of principal executive offices)		(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))

Item 2.02 Results of Operations and Financial Condition.

On January 8, 2010, the Registrant issued a press release announcing its traffic results for December 2009. The press release is furnished herewith as Exhibit 99.1 and is incorporated by reference into this Item 2.02.

The information furnished in this Item 2.02 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 December 2009 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.

January 8, 2010

By /s/ Laura Wright

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

Exhibit Index

Exhibit No. Description

99.1 Registrant's December 2009 Traffic Release.

CONTACT: Investor Relations (214) 792-4415

SOUTHWEST AIRLINES REPORTS DECEMBER TRAFFIC

DALLAS, TEXAS – January 8, 2010 – Southwest Airlines Co. (NYSE: LUV) announced today that the Company flew 6.0 billion revenue passenger miles (RPMs) in December 2009, a 3.0 percent increase from the 5.8 billion RPMs flown in December 2008. Available seat miles (ASMs) decreased 5.8 percent to 7.8 billion from the December 2008 level of 8.3 billion. The load factor for the month was 76.2 percent, compared to 69.7 percent for the same period last year. For December 2009, passenger revenue per ASM is estimated to have increased in the seven percent range as compared to December 2008.

For the fourth quarter 2009, Southwest flew 18.2 billion RPMs, compared to 17.3 billion RPMs for the same period in 2008, an increase of 5.3 percent. Available seat miles decreased 7.7 percent to 23.5 billion from the fourth quarter 2008 level of 25.5 billion. The fourth quarter 2009 load factor was 77.3 percent, compared to 67.8 percent for the same period last year.

For the year ended December 31, 2009, Southwest flew 74.5 billion RPMs, compared to 73.5 billion RPMs for the same period in 2008, an increase of 1.3 percent. Available seat miles decreased 5.1 percent to 98.0 billion from the 2008 level of 103.3 billion. The year-to-date load factor was 76.0 percent, compared to 71.2 percent for the same period last year.

 $This \ release, as \ well \ as \ past \ news \ releases \ on \ Southwest, are \ available \ online \ at \ \textbf{southwest.com}.$

/more

SOUTHWEST AIRLINES CO. PRELIMINARY COMPARATIVE TRAFFIC STATISTICS

	DECEMBER		
	2009	2008	CHANGE
Revenue passengers carried	7,032,357	6,778,951	3.7%
Enplaned passengers	8,354,947	7,964,829	4.9%
Revenue passenger miles (000s)	5,970,666	5,794,390	3.0%
Available seat miles (000s)	7,832,819	8,318,347	(5.8)%
Load factor	76.2%	69.7%	6.5 pts.
Average length of haul	849	855	(0.7)%
Trips flown	90,784	95,813	(5.2)%

	FOURTH QUARTER		
	2009	2008	CHANGE
Revenue passengers carried	21,493,912	20,788,058	3.4%
Enplaned passengers	25,386,440	23,974,845	5.9%
Revenue passenger miles (000s)	18,175,033	17,265,177	5.3%
Available seat miles (000s)	23,506,003	25,455,786	(7.7)%
Load factor	77.3%	67.8%	9.5 pts.
Average length of haul	846	831	1.8%
Trips flown	272.740	292 392	(6.7)%

	YEAR-TO-DATE		
	2009	2008	CHANGE
Revenue passengers carried	86,305,366	88,529,234	(2.5)%
Revenue passengers carried	80,303,300	86,329,234	(2.3)/0
Enplaned passengers	101,338,228	101,920,598	(0.6)%
Revenue passenger miles (000s)	74,456,719	73,491,687	1.3%
Available seat miles (000s)	98,001,621	103,271,343	(5.1)%
Load factor	76.0%	71.2%	4.8 pts.
Average length of haul	863	830	4.0%
Trips flown	1,125,111	1,191,151	(5.5)%