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 earliest event reported: May 4, 2010

> AMR CORPORATION (Exact name of registrant as specified in its charter)

Delaware1-840075-1825172(State of Incorporation) (Commission File Number)(IRS Employer Identification No.)

4333 Amon Carter Blvd.Fort Worth, Texas76155(Address of principal executive offices)(Zip Code)

<u>(817) 963-1234</u>

(Registrant's telephone number)

(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 8.01 Other Events

AMR Corporation is filing herewith a press release issued on May 4, 2010 by American Airlines, Inc. as Exhibit 99.1, which is included herein. This press release was issued to report April traffic for American Airlines, Inc.

SIGNATURE

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.

AMR CORPORATION

/s/ Kenneth W. Wimberly

Kenneth W. Wimberly Corporate Secretary

Dated: May 4, 2010

Exhibit Description

99.1 Press Release

CONTACT: Tim Wagner Corporate Communications Fort Worth, Texas 817-967-1577 <u>mediarelations@aa.com</u>

FOR RELEASE: Tuesday, May 4, 2010

AMERICAN AIRLINES REPORTS APRIL TRAFFIC

FORT WORTH, Texas – American Airlines reported an April load factor of 82.0 percent, an increase of 0.7 points versus the same period last year. Traffic decreased 1.3 percent and capacity decreased 2.1 percent year over year.

Domestic traffic increased 0.2 percent year over year on 0.2 percent more capacity. International traffic decreased by 3.9 percent relative to last year on a capacity decrease of 5.7 percent. The decline in International traffic and capacity in April was a result of the partial closure of European airspace due to volcanic ash. American boarded 7.1 million passengers in April.

Detailed traffic and capacity data are on the following pages.

AMERICAN AIRLINES PASSENGER DIVISION COMPARATIVE PRELIMINARY TRAFFIC SUMMARY EXCLUDES CHARTER SERVICES

		April	April		
		2010	2009	CHANGE	
REVENUE PASSENGER MIL	.ES (000)				
SYSTEM		10,151,086	10,283,773	(1.3) %	
	D.O.T. DOMESTIC	6,515,352	6,499,697	0.2	
	INTERNATIONAL	3,635,734	3,784,076	(3.9)	
	ATLANTIC	1,351,972	1,570,915	(13.9)	
	LATIN AMERICA	1,824,048	1,776,211	2.7	
	PACIFIC	459,714	436,950	5.2	
AVAILABLE SEAT MILES (0	00)				
SYSTEM	,	12,377,945	12,643,995	(2.1) %	
	D.O.T. DOMESTIC	7,749,741	7,734,631	0.2	
	INTERNATIONAL	4,628,204	4,909,363	(5.7)	
	ATLANTIC	1,687,261	1,966,853	(14.2)	
	LATIN AMERICA	2,382,850	2,378,094	0.2	
	PACIFIC	558,093	564,416	(1.1)	
LOAD FACTOR					
SYSTEM		82.0%	81.3%	0.7 Pts	
D.O.T. DOMESTIC		84.1	84.0	0.0	
INTERNATIONAL		78.6	77.1	1.5	
ATLANTIC		80.1	79.9	0.3	
LATIN AMERICA		76.5	74.7	1.9	
PACIE	FIC	82.4	77.4	5.0	
PASSENGERS BOARDED		7,146,276	7,241,987	(1.3) %	
SYSTEM CARGO TON MILES (000)		149,704	127,935	17.0 %	

AMERICAN AIRLINES PASSENGER DIVISION COMPARATIVE PRELIMINARY TRAFFIC SUMMARY EXCLUDES CHARTER SERVICES

	EXCLUDES CHARI		YEAR-TO-DATE APRIL		
		2010	2009	CHANGE	
REVENUE PASSENGER MI	I FS (000)	2010	2003	CHANGE	
SYSTEM		38,844,379	38,871,497	(0.1) %	
SISILM	D.O.T. DOMESTIC	24,512,713	24,567,434	(0.2)	
	INTERNATIONAL	14,331,666	14,304,063	0.2	
	ATLANTIC	4,914,580	5,151,788	(4.6)	
	LATIN AMERICA	7,608,326	7,435,986	2.3	
	PACIFIC	1,808,760	1,716,289	5.4	
	menie	1,000,700	1,710,200	5.4	
AVAILABLE SEAT MILES (000)				
SYSTEM	,	49,213,421	50,418,684	(2.4) %	
	D.O.T. DOMESTIC	30,586,096	30,789,770	(0.7)	
	INTERNATIONAL	18,627,326	19,628,914	(5.1)	
	ATLANTIC	6,688,040	7,259,739	(7.9)	
	LATIN AMERICA	9,734,432	10,125,591	(3.9)	
	PACIFIC	2,204,853	2,243,584	(1.7)	
LOAD FACTOR					
SYSTEM		78.9%	77.1%	1.8 Pts	
D.O.T. DOMESTIC		80.1	79.8	0.4	
INTERNATIONAL		76.9	72.9	4.1	
ATLANTIC		73.5	71.0	2.5	
LATIN AMERICA		78.2	73.4	4.7	
PACI	IFIC	82.0	76.5	5.5	
PASSENGERS BOARDED		27,315,763	27,574,956	(0.9) %	
SYSTEM CARGO TON MILES (000)		596,764	498,571	19.7 %	

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Current AMR Corp. releases can be accessed on the Internet. The address is <u>http://www.aa.com/</u>