# 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: September 3, 2010  |
| AMR CORPORATION (Exact name of registrant as specified in its charter)  |
| Delaware 1-8400 75-1825172 (State of Incorporation) ( Commission File Number) (IRS Employer Identification No.)   |
| 4333 Amon Carter Blvd. Fort Worth, Texas 76155  (Address of principal executive offices) (Zip Code)   |
| (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

| R Corporation is filing l<br>se was issued to report A | August traffic for Ameri | can Airlines, Inc. | . 5, 2010 by fuller | cui minico, me. | as Lamon 33.1, | miner is included | nerem, 11115 |
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## SIGNATURE

| Pursuant to the requirements of the Shereunto duly authorized. | curities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigne |
|--|--|
|  | AMR CORPORATION  |
| /s/ Kenneth W. Wimberly  | Kenneth W. Wimberly<br>Corporate Secretary   |
| Dated: September 8, 2010                                       |  |

### EXHIBIT INDEX

**Exhibit Description** 

99.1 Press Release

CONTACT: Corporate Communications Fort Worth, Texas 817-967-1577 mediarelations@aa.com

FOR RELEASE: Friday, Sept. 3, 2010

#### AMERICAN AIRLINES REPORTS AUGUST TRAFFIC

FORT WORTH, Texas – American Airlines reported that August traffic increased 3.1 percent versus the same period last year. Capacity increased by 3.2 percent year over year, resulting in a load factor of 84.6 percent, which was within 0.1 points of last year's load factor.

Domestic traffic increased 0.6 percent year over year on 0.8 percent more capacity. International traffic increased by 7.1 percent relative to last year on a capacity increase of 7.0 percent.

American boarded 7.7 million passengers in August.

Detailed traffic and capacity are attached.

#### AMERICAN AIRLINES PASSENGER DIVISION COMPARATIVE PRELIMINARY TRAFFIC SUMMARY EXCLUDES CHARTER SERVICES

|                               | August     |            |          |
|-------------------------------|------------|------------|----------|
|                               | 2010       | 2009       | CHANGE   |
| REVENUE PASSENGER MILES (000) |            |            |          |
| SYSTEM                        | 11,512,213 | 11,170,359 | 3.1 %    |
| D.O.T. DOMESTIC               | 6,969,227  | 6,928,717  | 0.6      |
| INTERNATIONAL                 | 4,542,986  | 4,241,643  | 7.1      |
| ATLANTIC                      | 1,895,823  | 1,867,016  | 1.5      |
| LATIN AMERICA                 | 2,080,750  | 1,908,242  | 9.0      |
| PACIFIC                       | 566,413    | 466,385    | 21.4     |
| AVAILABLE SEAT MILES (000)    |            |            |          |
| SYSTEM                        | 13,614,380 | 13,191,390 | 3.2 %    |
| D.O.T. DOMESTIC               | 8,109,508  | 8,044,887  | 0.8      |
| INTERNATIONAL                 | 5,504,872  | 5,146,503  | 7.0      |
| ATLANTIC                      | 2,256,754  | 2,246,673  | 0.4      |
| LATIN AMERICA                 | 2,564,848  | 2,319,592  | 10.6     |
| PACIFIC                       | 683,270    | 580,238    | 17.8     |
| LOAD FACTOR                   |            |            |          |
| SYSTEM                        | 84.6%      | 84.7%      | -0.1 pts |
| D.O.T. DOMESTIC               | 85.9       | 86.1       | -0.2     |
| INTERNATIONAL                 | 82.5       | 82.4       | 0.1      |
| ATLANTIC                      | 84         | 83.1       | 0.9      |
| LATIN AMERICA                 | 81.1       | 82.3       | -1.1     |
| PACIFIC                       | 82.9       | 80.4       | 2.5      |
| PASSENGERS BOARDED            | 7,712,854  | 7,723,404  | -0.1 %   |
| SYSTEM CARGO TON MILES (000)  | 156,570    | 137,913    | 13.5 %   |

#### AMERICAN AIRLINES PASSENGER DIVISION COMPARATIVE PRELIMINARY TRAFFIC SUMMARY EXCLUDES CHARTER SERVICES

|                               | YEAR-TO-DATE August |             |         |  |
|-------------------------------|---------------------|-------------|---------|--|
|                               | 2010                | 2009        | CHANGE  |  |
| REVENUE PASSENGER MILES (000) |                     |             |         |  |
| SYSTEM                        | 84,391,243          | 82,972,580  | 1.7 %   |  |
| D.O.T. DOMESTIC               | 52,232,730          | 52,103,055  | 0.2     |  |
| INTERNATIONAL                 | 32,158,513          | 30,869,525  | 4.2     |  |
| ATLANTIC                      | 12,578,168          | 12,540,389  | 0.3     |  |
| LATIN AMERICA                 | 15,561,739          | 14,728,953  | 5.7     |  |
| PACIFIC                       | 4,018,605           | 3,600,183   | 11.6    |  |
| AVAILABLE SEAT MILES (000)    |                     |             |         |  |
| SYSTEM                        | 102,617,020         | 102,875,431 | -0.3 %  |  |
| D.O.T. DOMESTIC               | 62,498,678          | 62,579,059  | -0.1    |  |
| INTERNATIONAL                 | 40,118,342          | 40,296,373  | -0.4    |  |
| ATLANTIC                      | 15,574,282          | 16,253,632  | -4.2    |  |
| LATIN AMERICA                 | 19,768,692          | 19,493,660  | 1.4     |  |
| PACIFIC                       | 4,775,368           | 4,549,081   | 5.0     |  |
| LOAD FACTOR                   |                     |             |         |  |
| SYSTEM                        | 82.2%               | 80.7%       | 1.6 pts |  |
| D.O.T. DOMESTIC               | 83.6                | 83.3        | 0.3     |  |
| INTERNATIONAL                 | 80.2                | 76.6        | 3.6     |  |
| ATLANTIC                      | 80.8                | 77.2        | 3.6     |  |
| LATIN AMERICA                 | 78.7                | 75.6        | 3.2     |  |
| PACIFIC                       | 84.2                | 79.1        | 5.0     |  |
| PASSENGERS BOARDED            | 58,126,180          | 58,313,835  | -0.3 %  |  |
| SYSTEM CARGO TON MILES (000)  | 1,244,498           | 1,044,082   | 19.2 %  |  |

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