

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13a-16 OR 15d-16 UNDER  
THE SECURITIES EXCHANGE ACT OF 1934

For the month of May 2011

GRUPO AEROPORTUARIO DEL CENTRO NORTE, S.A.B. DE C.V.  
(CENTRAL NORTH AIRPORT GROUP)

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(Translation of Registrant's Name Into English)

México

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(Jurisdiction of incorporation or organization)

Aeropuerto Internacional de Monterrey  
Zona de Carga  
Carretera Miguel Alemán, Km. 24 s/n  
66600 Apodaca, Nuevo León, Mexico

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(Address of principal executive offices)

(Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.)

Form 20-F  Form 40-F

(Indicate by check mark whether the registrant by furnishing the information contained in this form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.)

Yes  No

(If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82- .)

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## OMA reports April 2011 passenger traffic

**Monterrey, Mexico, May 9, 2011**—Mexican airport operator Grupo Aeroportuario del Centro Norte, S.A.B. de C.V., known as OMA (NASDAQ: OMAB; BMV: OMA), reports that terminal passenger traffic at its 13 airports increased 0.9% in April 2011, as compared to April 2010. Domestic traffic increased 1.6%, and international traffic decreased 2.8%.

Of total April traffic, 96.5% was commercial aviation and 3.5% was general aviation.

	Total Passengers*					
	Apr-10	Apr-11	Change %	Jan-Apr 2010	Jan-Apr 2011	Change %
<b>Domestic</b>	795,129	808,004	1.6	2,987,014	2,968,412	(0.6)
<b>International</b>	156,761	152,442	(2.8)	760,695	683,600	(10.1)
<b>OMA Total</b>	<b>951,890</b>	<b>960,446</b>	<b>0.9</b>	<b>3,747,709</b>	<b>3,652,012</b>	<b>(2.6)</b>

\* Terminal passengers: includes passengers on the three types of aviation (commercial, charter, and general aviation), and excludes passengers in transit.

**Domestic traffic** increased in nine airports in April, with the most noteworthy increases in Tampico, Monterrey, Zihuatanejo, and Torreón. In Tampico, traffic increased principally on the routes to Mexico City and Monterrey. In Monterrey, traffic increased on the Mexico City and Cancún routes. In Zihuatanejo, traffic increased on the Mexico City and Toluca routes. In Torreón, traffic increased on the Mexico City route. During April, VivaAerobus opened a new route between Acapulco and Mexico City. Aeromar opened routes between Acapulco and Puebla and between Durango and Zihuatanejo and Mexico City. Aeroméxico opened a route between Culiacán and Mexicali. Volaris opened a route between Monterrey and Los Angeles. Traffic decreased most at the airports in Chihuahua, Ciudad Juárez, and Acapulco. The reduction in Chihuahua was principally on the Toluca and Guadalajara routes. In Ciudad Juárez, the reduction was on the Monterrey route. In Acapulco, the reduction was primarily on the Mexico City route. The suspension of the airlines of Grupo Mexicana continued to affect Acapulco traffic.

**International traffic** increased most significantly in Monterrey, while the greatest decreases were recorded in Mazatlán, Zacatecas, and Acapulco. Mazatlán traffic was most affected on the Phoenix route, while Acapulco was most affected on the Houston route. Zacatecas continues to be affected by the suspension of operations of Grupo Mexicana.

The total number of **flight operations** (takeoffs and landings) in the January-April 2011 period decreased 1.3% as compared to the prior year period. Domestic flights decreased 2.6% and international flights increased 7.8%.

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**Total Passengers\***

	Apr-10	Apr-11	Change %	Jan-Apr 2010	Jan-Apr 2011	Change %
Acapulco	60,555	53,833	(11.1)	309,683	240,670	(22.3)
Ciudad Juárez	53,950	50,469	(6.5)	197,069	188,891	(4.1)
Culiacán	88,901	89,608	0.8	350,466	333,051	(5.0)
Chihuahua	72,117	59,740	(17.2)	252,625	228,369	(9.6)
Durango	16,912	17,609	4.1	66,339	67,025	1.0
Mazatlán	70,675	65,731	(7.0)	301,956	267,415	(11.4)
Monterrey	426,703	444,982	4.3	1,594,963	1,648,825	3.4
Reynosa	17,345	16,650	(4.0)	65,623	55,730	(15.1)
San Luis Potosí	17,683	19,196	8.6	65,377	71,962	10.1
Tampico	34,982	44,775	28.0	134,605	152,079	13.0
Torreón	27,013	29,854	10.5	109,980	107,774	(2.0)
Zacatecas	23,332	20,095	(13.9)	85,986	71,050	(17.4)
Zihuatanejo	41,722	47,904	14.8	213,037	219,171	2.9
<b>OMA Total</b>	<b>951,890</b>	<b>960,446</b>	<b>0.9</b>	<b>3,747,709</b>	<b>3,652,012</b>	<b>(2.6)</b>

**Domestic Passengers\***

	Apr-10	Apr-11	Change %	Jan-Apr 2010	Jan-Apr 2011	Change %
Acapulco	48,824	46,176	(5.4)	195,591	169,369	(13.4)
Ciudad Juárez	53,868	50,389	(6.5)	196,869	187,927	(4.5)
Culiacán	87,758	88,511	0.9	345,603	328,818	(4.9)
Chihuahua	66,527	53,762	(19.2)	230,969	206,566	(10.6)
Durango	15,699	15,951	1.6	61,309	61,108	(0.3)
Mazatlán	32,055	32,281	0.7	119,459	111,934	(6.3)
Monterrey	369,469	378,157	2.4	1,371,330	1,409,465	2.8
Reynosa	17,240	16,628	(3.5)	65,222	55,664	(14.7)
San Luis Potosí	11,557	13,194	14.2	44,494	49,196	10.6
Tampico	31,617	40,976	29.6	120,876	138,056	14.2
Torreón	22,981	25,957	12.9	94,918	93,562	(1.4)
Zacatecas	14,792	15,825	7.0	53,931	56,256	4.3
Zihuatanejo	22,742	30,197	32.8	86,443	100,491	16.3
<b>OMA Total</b>	<b>795,129</b>	<b>808,004</b>	<b>1.6</b>	<b>2,987,014</b>	<b>2,968,412</b>	<b>(0.6)</b>

**International Passengers\***

	Apr-10	Apr-11	Change %	Jan-Apr 2010	Jan-Apr 2011	Change %
Acapulco	11,731	7,657	(34.7)	114,092	71,301	(37.5)
Ciudad Juárez	82	80	(2.4)	200	964	382.0
Culiacán	1,143	1,097	(4.0)	4,863	4,233	(13.0)
Chihuahua	5,590	5,978	6.9	21,656	21,803	0.7
Durango	1,213	1,658	36.7	5,030	5,917	17.6
Mazatlán	38,620	33,450	(13.4)	182,497	155,481	(14.8)
Monterrey	57,234	66,825	16.8	223,633	239,360	7.0
Reynosa	105	22	(79.0)	401	66	(83.5)
San Luis Potosí	6,126	6,002	(2.0)	20,883	22,766	9.0
Tampico	3,365	3,799	12.9	13,729	14,023	2.1
Torreón	4,032	3,897	(3.3)	15,062	14,212	(5.6)
Zacatecas	8,540	4,270	(50.0)	32,055	14,794	(53.8)
Zihuatanejo	18,980	17,707	(6.7)	126,594	118,680	(6.3)
<b>OMA Total</b>	<b>156,761</b>	<b>152,442</b>	<b>(2.8)</b>	<b>760,695</b>	<b>683,600</b>	<b>(10.1)</b>

\* Terminal passengers: includes passengers on the three types of aviation (commercial, charter, and general aviation), and excludes passengers in transit.



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*This press release may contain forward-looking information and statements. Forward-looking statements are statements that are not historical facts. These statements are only predictions based on our current expectations and projections about future events. Forward-looking statements may be identified by the words "believe," "expect," "anticipate," "target," or similar expressions. While OMA's management believes that the expectations reflected in such forward-looking statements are reasonable, investors are cautioned that forward-looking information and statements are subject to various risks and uncertainties, many of which are difficult to predict and are generally beyond the control of OMA, that could cause actual results and developments to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. These risks and uncertainties include, but are not limited to, those discussed in our most recent annual report filed on Form 20-F under the caption "Risk Factors." OMA undertakes no obligation to publicly update its forward-looking statements, whether as a result of new information, future events, or otherwise.*

#### **About OMA**

Grupo Aeroportuario del Centro Norte, S.A.B. de C.V., known as OMA, operates 13 international airports in nine states of central and northern Mexico. OMA's airports serve Monterrey, Mexico's third largest metropolitan area, the tourist destinations of Acapulco, Mazatlán, and Zihuatanejo, and nine other regional centers and border cities. OMA also operates a hotel and commercial areas inside Terminal 2 of the Mexico City airport. OMA employs over 1,000 persons in order to offer passengers and clients, airport and commercial services in facilities that comply with all applicable international safety, security standards, and ISO 9001:2008. OMA's strategic shareholder members are ICA, Mexico's largest engineering, procurement, and construction company, and Aéroports de Paris Management, subsidiary of Aéroports de Paris, the second largest European airports operator. OMA is listed on the Mexican Stock Exchange (OMA) and on the NASDAQ Global Select Market (OMAB).

For more information, please visit us at:

- Website: <http://www.oma.aero>
  - Twitter: <http://twitter.com/OMAeropuertos>
  - Facebook <http://www.facebook.com/pages/OMA/137924482889484>
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**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, thereunto duly authorized.

Grupo Aeroportuario del Centro Norte, S.A.B. de C.V.

By: /s/ José Luis Guerrero Cortés  
José Luis Guerrero Cortés  
Chief Financial Officer

Date: May 9, 2011