

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 June 2010

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 May 2010 Traffic

**Monterrey, Mexico, June 7, 2010**—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 28.8% in May 2010, as compared to May 2009. Domestic traffic increased 25.0%, and international traffic increased 59.4%.

Of total traffic, 96.9% was commercial aviation, and 3.1% was general aviation.

Total Passengers*						
	May-09	May-10	Change %	Jan-May 2009	Jan-May 2010	Change %
<b>Domestic</b>	670,102	837,754	25.0	3,932,322	3,824,768	(2.7)
<b>International</b>	83,267	132,775	59.4	874,774	893,470	2.1
<b>OMA Total</b>	<b>753,369</b>	<b>970,529</b>	<b>28.6</b>	<b>4,807,096</b>	<b>4,718,238</b>	<b>(1.8)</b>

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

In general terms, the increase in both domestic and international traffic in May 2010 reflects the recovery from the impact of the H1N1 flu outbreak in the 2009 period.

Domestic traffic also benefited from the opening of the Zacatecas-Tijuana route by Volaris.

The total number of flight operations (takeoffs and landings) in the month increased 23.8% as compared to the prior year period.

*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 970 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). Please visit our website, [www.oma.aero](http://www.oma.aero).

<p>Jose Luis Guerrero Cortés OMA, CFO +52 81 8625 4300 ext. 308 jiguerrero@oma.aero</p>	<p>Daniel Wilson Zemi Communications +1 212 689 9560 dbrwilson@zemi.com</p>	<p><b>Our Recognitions:</b></p>    	<p><b>Listed on:</b></p>  
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### Total Passengers\*

	May-09	May-10	Change %	Jan-May 2009	Jan-May 2010	Change %
Acapulco	46,346	55,139	19.0	433,236	364,822	(15.8)
Ciudad Juárez	45,499	54,210	19.1	262,132	251,279	(4.1)
Culiacán	79,455	92,131	16.0	419,355	442,597	5.5
Chihuahua	50,352	70,474	40.0	294,177	323,099	9.8
Durango	14,533	18,565	27.7	79,711	84,904	6.5
Mazatlán	43,326	58,359	34.7	345,844	360,315	4.2
Monterrey	346,993	456,778	31.6	2,069,181	2,051,741	(0.8)
Reynosa	13,734	18,902	37.6	80,205	84,525	5.4
San Luis Potosí	12,583	18,527	47.2	78,049	83,904	7.5
Tampico	30,213	39,378	30.3	201,869	173,983	(13.8)
Torreón	26,839	29,258	9.0	156,257	139,238	(10.9)
Zacatecas	14,984	25,479	70.0	95,566	111,465	16.6
Zihuatanejo	28,532	33,329	16.8	291,514	246,366	(15.5)
<b>OMA Total</b>	<b>753,389</b>	<b>970,529</b>	<b>28.8</b>	<b>4,807,096</b>	<b>4,718,238</b>	<b>(1.8)</b>

### Domestic Passengers\*

	May-09	May-10	Change %	Jan-May 2009	Jan-May 2010	Change %
Acapulco	41,432	47,395	14.4	296,506	242,986	(18.1)
Ciudad Juárez	45,460	54,202	19.2	261,626	251,071	(4.0)
Culiacán	78,141	91,019	16.5	412,498	436,622	5.8
Chihuahua	46,203	64,376	39.3	268,398	295,345	10.0
Durango	13,784	17,681	28.1	75,275	78,970	4.9
Mazatlán	27,635	33,998	23.0	148,391	153,457	3.4
Monterrey	311,677	398,046	27.7	1,807,128	1,769,376	(2.1)
Reynosa	13,688	18,772	37.1	79,603	83,994	5.5
San Luis Potosí	9,379	12,526	33.6	55,302	57,020	3.1
Tampico	28,022	35,673	27.3	186,931	156,549	(16.3)
Torreón	23,651	25,231	6.7	137,045	120,149	(12.3)
Zacatecas	9,289	16,326	75.8	61,434	70,257	14.4
Zihuatanejo	21,741	22,529	3.6	142,185	108,972	(23.4)
<b>OMA Total</b>	<b>670,102</b>	<b>837,754</b>	<b>25.0</b>	<b>3,932,322</b>	<b>3,824,768</b>	<b>(2.7)</b>

### International Passengers\*

	May-09	May-10	Change %	Jan-May 2009	Jan-May 2010	Change %
Acapulco	4,914	7,744	57.6	136,730	121,836	(10.9)
Ciudad Juárez	39	8	(79.5)	506	208	(58.9)
Culiacán	1,314	1,112	(15.4)	6,857	5,975	(12.9)
Chihuahua	4,149	6,098	47.0	25,779	27,754	7.7
Durango	749	904	20.7	4,436	5,934	33.8
Mazatlán	15,691	24,361	55.3	197,453	206,858	4.8
Monterrey	35,316	58,732	66.3	262,053	282,365	7.8
Reynosa	46	130	182.6	602	531	(11.8)
San Luis Potosí	3,204	6,001	87.3	22,747	26,884	18.2
Tampico	2,191	3,705	69.1	14,938	17,434	16.7
Torreón	3,188	4,027	26.3	19,212	19,089	(0.6)
Zacatecas	5,695	9,153	60.7	34,132	41,208	20.7
Zihuatanejo	6,791	10,800	59.0	149,329	137,394	(8.0)
<b>OMA Total</b>	<b>83,287</b>	<b>132,775</b>	<b>59.4</b>	<b>874,774</b>	<b>893,470</b>	<b>2.1</b>

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

**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: June 07, 2010