

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 February 2016

Commission File Number: 001-36059

Controladora Vuela Compañía de Aviación, S.A.B. de C.V.

(Name of Registrant)

Av. Antonio Dovalí Jaime No. 70, 13 Floor, Tower B

Colonia Zedec Santa Fe

United Mexican States, D.F. 01210

+(52) 55-5261-6400

(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 if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Yes

No

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Yes

No

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- _____

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, Controladora Vuela Compañía de Aviación, S.A.B. de C.V. has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Controladora Vuela Compañía de Aviación, S.A.B. de C.V.

Date: February 4, 2016

By: /s/ Fernando Suárez
Name: Fernando Suárez
Title: Chief Financial Officer

By: /s/ Jaime Pous
Name: Jaime Pous
Title: General Counsel

EXHIBIT INDEX

The following exhibit is filed as part of this Form 6-K:

Exhibit	Description
99.39	Press release dated February 4, 2016

Volaris Reports January 2016 Traffic Results, Strong Market Demand Drives Passenger Traffic Growth of 32%

MEXICO CITY--(BUSINESS WIRE)--February 4, 2016--Volaris* (NYSE:VLRS) BMV:VOLAR), the ultra-low-cost airline serving Mexico, the United States and Central America, reports January 2016 preliminary traffic results.

During January 2016, Volaris increased total capacity, as measured in Available Seat Miles (ASMs), by 22.2% year over year, in response to strong demand in its domestic and international markets. Total demand for January, as measured in Revenue Passenger Miles (RPMs), increased 31.0% year over year, reaching 1.2 billion. Volaris transported a total of 1.2 million passengers during the month, an increase of 32.2% year over year.

In January 2016, Volaris increased domestic and international ASMs by 23.0% and 20.5%, respectively. Network load factor for January reached 85.9%, an increase of 5.8 percentage points year over year.

The following table summarizes Volaris traffic results for the month.

	January 2016	January 2015	Variance
RPMs (in millions, scheduled & charter)			
Domestic	808	620	30.3%
International	364	275	32.5%
Total	1,172	895	31.0%
ASMs (in millions, scheduled & charter)			
Domestic	950	773	23.0%
International	414	344	20.5%
Total	1,364	1,117	22.2%
Load Factor (in %, scheduled)			
Domestic	85.0%	80.2%	4.8 pp
International	88.0%	80.1%	7.9 pp
Total	85.9%	80.1%	5.8 pp
Passengers (in thousands, scheduled & charter)			
Domestic	940	716	31.2%
International	253	187	35.8%
Total	1,193	903	32.2%

The information included in this report has not been audited and it does not provide information on the company's future performance. Volaris' future performance depends on many factors and it cannot be inferred that any period's performance or its comparison year over year will be an indicator of a similar performance in the future.

About Volaris:

*Controladora Vuela Compañía de Aviación, S.A.B. de C.V. ("Volaris" or the "Company") (NYSE: VLRS and BMV: VOLAR), is an ultra-low-cost carrier (ULCC), with point-to-point operations, serving Mexico, the United States and Central America. Volaris offers low base fares to build its market, providing quality service and extensive customer choice. Since beginning operations in March 2006, Volaris has increased its routes from five to more than 145 and its fleet from four to 57 aircraft. Volaris offers more than 270 daily flight segments on routes that connect 40 cities in Mexico and 22 cities in the United States and Central America with the youngest aircraft fleet in Mexico. Volaris targets passengers who are visiting friends and relatives, cost-conscious business people and leisure travelers in Mexico and to select destinations in the United States and Central America. Volaris has received the ESR Award for Social Corporate Responsibility for five consecutive years. For more information, please visit: www.volaris.com

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