

AerCap Holdings N.V.
Form SC 13G/A
February 01, 2010

**SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

SCHEDULE 13G

**UNDER THE SECURITIES EXCHANGE ACT OF 1934
(Amendment No.3)***

AERCAP HOLDINGS N.V

(Name of Issuer)

COMMON STOCK

(Title of Class of Securities)

027691617

(CUSIP Number)

December 31, 2009

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the Rule pursuant to which this Schedule is filed:

- Rule 13d – 1(b)
- Rule 13d – 1(c)
- Rule 13d – 1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this page shall not be deemed to be “filed” for the purpose of Section 18 of the Securities Exchange Act of 1934 (“Act”) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, *see* the *Notes*.)

1 NAMES OF REPORTING PERSONS

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY):

Bank of America Corporation 56-0906609

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) (b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

NUMBER OF SHARES	5 SOLE VOTING POWER	0	Delaware
BENEFICIALLY OWNED BY EACH REPORTING PERSON	6 SHARED VOTING POWER	10,637,294	
	7 SOLE DISPOSITIVE POWER	0	
WITH	8 SHARED DISPOSITIVE POWER	10,640,294	
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			10,640,294

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

12.5%

12 TYPE OF REPORTING PERSON (See Instructions)

HC

CUSIP No 027691617

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1 NAMES OF REPORTING PERSONS

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY):

Bank of America, NA 94-1687665

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

NUMBER OF SHARES **5** SOLE VOTING POWER 5,000

BENEFICIALLY **6** SHARED VOTING POWER 9,749,084

OWNED BY EACH **7** SOLE DISPOSITIVE POWER 5,000

REPORTING PERSON **8** SHARED DISPOSITIVE POWER 9,752,084

WITH

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9,757,084

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11.5%

12 TYPE OF REPORTING PERSON (See Instructions)

BK

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1 NAMES OF REPORTING PERSONS

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY):

Columbia Management Advisors, LLC 94-1687665

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES **5** SOLE VOTING POWER 9,744,007

BENEFICIALLY **6** SHARED VOTING POWER 0

OWNED BY EACH **7** SOLE DISPOSITIVE POWER 9,744,007

REPORTING PERSON **8** SHARED DISPOSITIVE POWER 0

WITH

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9,744,007

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

11.5%

12 TYPE OF REPORTING PERSON (See Instructions)

IA

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1 NAMES OF REPORTING PERSONS

I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY):

Merrill Lynch, Pierce, Fenner & Smith, Inc. 13-5674085

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a)

(b)

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF SHARES **5** SOLE VOTING POWER 883,210

BENEFICIALLY **6** SHARED VOTING POWER 0

OWNED BY EACH **7** SOLE DISPOSITIVE POWER 883,210

REPORTING PERSON **8** SHARED DISPOSITIVE POWER 0

WITH

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

883,210

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

1.0%

12 TYPE OF REPORTING PERSON (See Instructions)

BD, IA

Item 1(a). Name of Issuer:

AerCap Holdings N.V

Item 1(b). Address of Issuer's Principal Executive Offices:

Evert van de Beekstraat 312

Schiphol Airport, P7 1118 CX

Netherlands

Item 2(a). Name of Person Filing:

Bank of America Corporation

Bank of America, NA

Columbia Management Advisors, LLC

Merrill Lynch, Pierce, Fenner & Smith, Inc.

Item 2(b). Address of Principal Business Office or, if None, Residence:

Bank of America Corporation has its principal business office at 100 North Tryon Street, Floor 25, Bank of America Corporate Center, Charlotte, NC 28255.

Item 2(c). Citizenship:

Bank of America Corporation

Delaware

Bank of America, NA

United States

Columbia Management Advisors, LLC

Delaware

Merrill Lynch, Pierce, Fenner & Smith, Inc.

Delaware

Item 2(d). Title of Class of Securities:

Common Stock

Item 2(e). CUSIP Number:

027691617

Item 3. If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c),

Check Whether the Person Filing is a:

- (a) Broker or dealer registered under Section 15 of the Exchange Act.
- (b) Bank as defined in Section 3(a)(6) of the Exchange Act.

- (c) Insurance company as defined in Section 3(a)(19) of the Exchange Act.
- (d) Investment company registered under Section 8 of the Investment Company Act.
- (e) An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E).
- (f) An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).
- (g) A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).
- (h) A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act.
- (i) A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act.
- (j) Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

If this statement is filed pursuant to Rule 13d-1(c), check this box.

Item 4. Ownership:

With respect to the beneficial ownership of the reporting person, see Items 5 through 11 of the cover pages to this Schedule 13G, which are incorporated herein by reference.

Item 5. Ownership of 5 Percent or Less of a Class:

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

Item 6. Ownership or More than Five Percent on Behalf of Another Person:

Not Applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person:

With respect to the beneficial ownership of the reporting person, see Items 5 through 11 of the cover pages to this Schedule 13G, which are incorporated herein by reference.

Item 8. Identification and Classification of Members of the Group:

Not Applicable.

Item 9. Notice of Dissolution of Group:

Not Applicable.

Item 10. Certification:

By signing below each of the undersigned certifies that, to the best of such undersigned's knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 1, 2010

Bank of America Corporation

Bank of America, N.A.

By: /s/ Angelina L. Richardson

Angelina L. Richardson

Vice President

Columbia Management Advisors, LLC

By: /s/ Robert McConnaughey

Robert McConnaughey

Managing Director

Merrill Lynch, Pierce, Fenner & Smith, Inc.

By: /s/ Robert Shine

Robert Shine

Attorney-In-Fact

Exhibit 99.1

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The undersigned hereby agree that they are filing this statement jointly pursuant to Rule 13d-1(k)(1). Each of them is responsible for the timely filing of such Schedule 13G and any amendments thereto, and for the completeness and accuracy of the information concerning such person contained therein; but none of them is responsible for the completeness or accuracy of the information concerning the other persons making the filing, unless such person knows or has reason to believe that such information is inaccurate.

In accordance with Rule 13d-1(k)(1) promulgated under the Securities and Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing with each other on behalf of each of them of to such a statement on Schedule 13G with respect to the common stock of beneficially owned by each of them. This Joint Filing Agreement shall be included as an exhibit to such Schedule 13G.

Dated: February 1, 2010

Bank of America Corporation

Bank of America, N.A.

By: /s/ Angelina L. Richardson

Angelina L. Richardson

Vice President

Columbia Management Advisors, LLC

By: /s/ Robert McConnaughey

Robert McConnaughey

Managing Director

Merrill Lynch, Pierce, Fenner & Smith, Inc.

By: /s/ Robert Shine

Robert Shine

Attorney-In-Fact