

EMBRAER BRAZILIAN AVIATION CO  
Form 6-K  
October 15, 2007

**FORM 6-K**

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

**Report of Foreign Private Issuer  
Pursuant to Rule 13a-16 or 15d-16  
under the Securities Exchange Act of 1934**

For the month of October, 2007

Commission File Number: 333-132289

**Embraer - Brazilian Aviation Company**  
(Translation of registrant's name into English)

**EMBRAER - EMPRESA BRASILEIRA DE AERONÁUTICA S.A.**  
**Av. Brigadeiro Faria Lima, 2170**  
**12227-901 São José dos Campos, São Paulo, Brazil**  
(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): \_\_\_\_\_

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): \_\_\_\_\_

Indicate by check mark whether by furnishing the information contained in this Form, the registrant 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): \_\_\_\_\_

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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.

EMBRAER - EMPRESA BRASILEIRA DE  
AERONÁUTICA S.A.

Date: October 15, 2007

By: /s/ Antonio Luiz Pizarro Manso

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Name: Antonio Luiz Pizarro Manso  
Title: Executive Vice-President Corporate  
and Chief Financial Officer

**EXHIBIT INDEX**

1. copy of Company's market announcement dated October 10, 2007, announcing significant share ownership.
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