

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* ST01465WI

*This certificate issued to*

Watermark Aviation LLC  
1860 S. 151st West  
Goddard, Kansas 67052

*Certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.*

*Original Product--Type Certificate Number:* T00011AT

*Make:* Embraer

*Model:* EMB-135 and EMB-145 Series

*Description of Type Design Change:* STC Approval for the Use of Barometric Vertical Navigation (VNAV) for Instrument Approach Operations Using Decision Altitude (DA) as installed in Embraer EMB-135 and EMB-145 Series Aircraft. Data Required: FAA Approved Airplane Flight Manual Supplement No. SO7/EMB145-1.0 dated January 16, 2008, or later FAA Approved Revision.

*Limitations and Conditions:* The prior installation and approval of a Single or Dual Honeywell FMZ-2000 Flight Management System (FMS) with software version NZ4.8 (or later approved version) is a prerequisite to this STC.

Compatibility of this design change with previously approved modifications must be determined by the installer.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* August 24, 2007

*Date reissued:*

*Date of issuance:* January 16, 2008

*Date amended:*



*By direction of the Administrator*

Original signed by Harvey E. Nero

(Signature)

Harvey E. Nero  
FAA Program Manager  
Wichita Aircraft Certification Office

(Title)