

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

Number ST00817CH

This certificate issued to U.S. Technical Consultants, Inc.
2461 E. Orangethorpe, STE 105
Fullerton, CA 92831

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.
(See Type Certificate Data Sheet 00011AT for complete certification basis.)

Original Product--Type Certificate Number: T00011AT
Make: Embraer
Model: EMB-145

Description of Type Design Change:

Installation of Hughes Magnastar Inflight Telecommunication System installed per GTE Airfone
STC Documentation Checklist AFD70-2118-00, Rev. 0, dated December 22, 1997, or later FAA Approved revision.

Limitations and Conditions:

1. Compatability of this design change with previously approved modifications must be determined by the installer.
2. FAA Approved Airplane Maintenance Manual Supplement, dated January 30, 1998, or later FAA Approved revision is required.
3. 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: October 14, 1997

Date reissued: April 24, 2002; September 29, 2006

Date of issuance: January 30, 1998

Date amended:

By direction of the Administrator



(Signature)

Charles L. Smalley
Manager, Systems and Flight Test Branch
Chicago Aircraft Certification Office

(Title)