

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA5109NM*This certificate, issued to*

**Heath Tecna Inc.
3225 Woburn Street
Bellingham, WA 98226**

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: A20WE
Make: Boeing
Model: 747-100 series, 747-300 series,
 747-200B series

Description of the Type Design Change: Installation of modular lavatories in accordance with Heath Tecna Drawing List HPD-DL-40, Revision E, dated December 7, 1992, or later FAA approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval is limited to aircraft incorporating Supplemental Type Certificate SA5931NM, SA5121NM, or SA5124NM, issued to Flights Structures, Inc. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated, unless it is determined that the relationship between this change and any of those previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. The resulting interior arrangement, along with the required placarding, has not been evaluated and is not part of this STC. A copy of this Certificate must be maintained as part of the permanent records for the modified aircraft.

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: April 19, 1990*Date reissued:* 3/10/93; 6/1/96; 7/20/00;
2/18/05*Date of issuance:* January 16, 1991*Date amended:* December 31, 1991*By direction of the Administrator**(Signature)*

Acting Manager, Seattle Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.