

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

Number **ST01051LA**

This Certificate issued to Zero Gravity Corporation
4601 N. Fairfax Dr., Suite 1200
Arlington, VA 22203

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.*

*Certification basis is set forth in Type Certificate Data Sheet A3WE.

Original Product Type Certificate Number: A3WE

Make Boeing

Model 727-200 Series

Description of Type Design Change: Installation of a modified hydraulic system, vertical rate indication system of parabolic flight, and interior arrangement in accordance with FAA Approved Zero Gravity Corporation Master Document List Number HA97-05, Revision "F" dated May 19, 2004, or later FAA approved revisions. FAA Approved Airplane Flight Manual Supplement Number HA-96-07, dated June 30, 2000, or later FAA approved revisions, is required as part of this installation. This STC has been amended to add the installation of the Emergency Floor Path Lighting System in accordance with the FAA Approved E4C Technologies Master Data List MDL2070-002 Revision A dated February 21, 2012 and Instructions for Continued Airworthiness ICA2070-001 Revision NC dated February 19, 2012 or later FAA approved revisions.

Limitations and Conditions: Structural inspections per Wagner Aeronautical Document WA10017-3, Initial Release dated June 22, 2000, Section 2.0 Airworthiness Limitations, Supplemental Structural Inspections, or later FAA approved revisions, is required for this installation. Intervalve STC SA3419NM must be installed in conjunction with the interior installation. FAA Exemption number 8306, dated May 5, 2004, is required for this modification. The forward left side door (L1) must not be used as a passenger entry door. A copy of this STC must be included in the permanent records of 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: November 6, 1998

Date reissued: October 17, 2002, February 27, 2012

Date of issuance: June 30, 2000

Date amended: March 28, 2004, August 18, 2008,
May 21, 2012



By direction of the Administrator

(Signature)

Manager, Cabin Safety, Mechanical and
Environmental Systems Branch
Los Angeles 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.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transferee) _____
(Number and street)

(City, State, and ZIP Code)

from *(Name of grantor) (Print or type)* _____

(Address of grantor) _____
(Number and street)

(City, State, and ZIP Code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____