

Certificate of Compliance

FMVSS 220 – Static Load Test

Section 571.220 – School Bus Rollover Protection

Issued to: National Van Builders, Inc.
80 Pine Street
Attleboro, MA 02703

Gentlemen:

Pursuant to the above captioned specification, your 2000 and later Model Year (structurally unchanged) Ford Econoline Van conversion meets or exceeds the requirements set forth therein for vehicles of gross weight of less than 10,000 lbs.

The prototype was subjected to load testing in accordance with the procedure set forth, and the results were within the required parameters. The maximum deflection experienced was 1-1/2 inches, and all exits remained operational during, and after application of a force greater than one and one-half times the unloaded vehicle weight.

Specific structure deflections experienced during testing were as follows:

- a. Deflection at center of roof bow..... 1-1/2"
- b. Deflection at each side pillar at window sill..... 1/2" (maximum)
- c. Deflection at center of floor..... Negligible(<1/16")

The vehicle was inspected after load removal, and no evidence of failure, joint separation, twisting, buckling or deformation of member cross sections was found. Residual deflection was negligible.

This certification shall remain in effect until the vehicle or attachment designs are altered, or the requirements of the above specification are revised. National Van Builders, Inc. shall be responsible for determining alterations in any of the above categories.

Respectfully Submitted,

Approved By:



Robert J. Grota
Testing Engineer



Edward A. Grota, PE
Supervising Engineer



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