

TEST VEHICLE INFORMATION/TEST SPECIFICATIONS
FMVSS 105

NHTSA TEST VEHICLE – Supply Missing Information:

Vehicle Type: _____; Wheelbase: _____ in., _____ mm

Manufacturer: _____; Model:

VIN: _____; Build Date:

GVWR: _____ lbs., _____ kg

GAWR Front: _____ lbs., _____ kg

GAWR Rear: _____ lbs., _____ kg

ENGINE TYPE:

Gas, Diesel; No. of Cylinders: 4, 6, 8

Displacement: _____ liters, _____ cc

FINAL DRIVE TYPE:

Front Wheel Drive, Rear Wheel Drive, 4-wheel Drive

TRANSMISSION TYPE:

Automatic; No. of Speeds: 3, 4, 5

Overdrive: Yes, No

Manual; No. of Speeds: 3, 4, 5

Overdrive: Yes, No

TIRES:

Manufacturer _____

Size _____

Load Rating: _____ kg

Maximum Load Pressure: Front _____ psi, _____ bar

Rear _____ psi, _____ bar

**INFORMATION FOR MANUFACTURER'S VEHICLE
USED FOR CERTIFICATION TEST:**

Model: _____ ; Wheelbase: _____ in.,
_____ mm

VIN: _____ ; Test No. or Nos.:

TEST WEIGHTS:

LLVW: Front _____ kg
lbs., _____ kg
Rear _____ kg
lbs., _____ kg
Total _____
lbs., _____

GVWR: Front _____ kg
lbs., _____ kg
Rear _____ kg
lbs., _____ kg
Total _____
lbs., _____

CG LOCATION (UVW):

X = _____ in., _____ mm; Y = _____ in., _____ mm; Z = _____ in., _____ mm

ENGINE TYPE:

() Gas, () Diesel; No. of Cylinders () 4, () 6, () 8 () Electric () Hybrid

Displacement _____ CID, _____ cc or L

FINAL DRIVE TYPE:

() Front Wheel Drive, () Rear Wheel Drive, () 4-wheel Drive

TRANSMISSION TYPE:

() Automatic; No. of Speeds () 3, () 4, () 5
Overdrive () Yes, () No
() Manual; No. of Speeds () 3, () 4, () 5
Overdrive () Yes, () No

TIRES:

Manufacturer _____

Size _____

Load Rating: _____

Test Pressure – Front _____ psi, _____ bar
Rear _____ psi, _____ bar

TEST PROCEDURE OPTIONS SELECTED:

BRAKE ADJUSTMENTS AFTER BURNISH:

() Making Stops, Define: _____

NOTE: Service brake adjustments will not be made with the parking brake control nor will the parking brakes be adjusted after burnish

Procedure for Testing Inoperative Brake Power Assist/Brake Power Units:

() S5.1.3.1, S5.1.3.2(), S5.1.3.2, () S5.1.3.3, () S5.1.3.4

Procedure for the Parking Brake Test (define test by marking S5.2.1 and percent grade or S5.2.2 with X and test order used by placing number 1-4 or 1-8 in parentheses for load & direction):

S5.2.1 -- 30 percent or 20 percent grade; test order (1-4):

GVW up, GVW down, LLVW up, LLVW down

S5.2.2 -- 30 percent grade using parking brake + park mechanism and 20 percent grade using only the parking brake; Test Order (1-8):

Describe Parking Mechanism: _____

30 percent GVW up, GVW down, LLVW up, LLVW down

20 percent GVW up, GVW down, LLVW up, LLVW down

Brake System Indicator Lamp Labeling, Operation, & Ignition Key Check:

Single Lamp (Brake), Multiple Lamps

Condition(s) indicated: Pressure failure OR drop in fluid level

Pressure S5.3.1 -- (a)(1), (a)(2), (a)(3), (a)(4);

Lamp On At: Pressure _____ psi, Pedal Force _____ lbs.

OR Low Fluid S5.3.1(b) Reservoir Full _____ cc, Lamp On At _____ cc
Manuf. recommended safe level of reservoir _____ cc

S5.3.1(c) Electrical Failure: Antilock, Variable Proportioning

S5.3.1(d) Parking Brake On Ignition Key Check-all Lamps Yes, No

S5.3.1(e) Electrically Actuated Service Brake Failure

S5.3.1(f) Electronic Signal Transmission

S5.3.1 (g) EV with RBS, ABS failure

Procedure for adjustable engine speed governor S6.5 (submit)

Comments: _____

Certified Brake System – As Identified Below For NHTSA Test Vehicle

List Other Vehicle Models and Model Years Using the Same Brake System:

Model or Carline _____

MY 19__ to 19__

Model or Carline _____

MY 19__ to 19__

Model or Carline _____

MY 19__ to 19__

POWER BRAKES:

- Not Available, Vacuum, Hydraulic; Size _____ in., _____ mm
 Power Assist Unit, Brake Power Unit, Accumulator
 Electrically actuated, Electrical Backup

MASTER CYLINDER DIAMETER:

Primary _____ in., _____ mm

Secondary _____ in., _____ mm

SERVICE BRAKE PEDAL RATIO: _____ to 1

PARKING BRAKE:

Front Wheels, Rear Wheels, Drive Shaft Brake

Service Brake Linings, Non-service Brake Linings

NOTE: For non-service brake linings, submit a copy of the burnish instructions provided to vehicle owners

Hand Control, Foot Control, Ratio _____ to 1

Parking Mechanism Yes, No

Describe _____

PRESSURE VALVE:

Metering, _____ psi, _____ bar, Reblend _____ psi, _____ bar

Proportioning, _____ psi, _____ bar, Ratio _____ to 1

Variable Proportioning- Mechanical, Electrical
NOTE: For either, submit procedure to render inoperative

HYDRAULIC SPLIT:

Submit Diagram, LF&RR, RF&LR; LF&RF, LR&RR;
Other _____

ANTISKID SYSTEM:

Not Available, 4-Wheel Drive, Rears Only, _____
Manufacturer _____

NOTE: Submit procedure for rendering inoperative

FRONT BRAKES

TYPE:	<input type="checkbox"/> Drum,	Brake Type	<input type="checkbox"/> Disc,	Brake Type
	<input type="checkbox"/> Cast	<input type="checkbox"/> Duo Servo	<input type="checkbox"/> Cast	<input type="checkbox"/> Fixed
	<input type="checkbox"/> Composite	<input type="checkbox"/>	<input type="checkbox"/> Multipiece	Caliper
	<input type="checkbox"/> Finned	Leading/Trailing	<input type="checkbox"/> Vented	<input type="checkbox"/> Float
	_____	<input type="checkbox"/>	_____	Caliper
		Leading/Leading		<input type="checkbox"/> Pin, <input type="checkbox"/>
		_____		Slider

SIZE: Drum Diameter _____ in., _____ mm;
Disc Diameter _____ in., _____ mm
Thickness _____ in., _____ mm

Non-service Parking Brake Type & Size

LINING SIZE:

Drum - Length _____ in., _____ mm;
_____ mm
Disc - Length _____ in.,

Primary - Width _____ in., _____ mm;
_____ mm

Inboard - Width _____ in.,

Thickness _____ in., _____ mm;
_____ mm

Thickness _____ in.,

Fully Worn Thickness _____ in., _____ mm;
_____ in., _____ mm

Fully Worn Thickness

Drum - Length _____ in., _____ mm;
_____ mm

Disc - Length _____ in.,

Secondary - Width _____ in., _____ mm;
_____ mm

Outboard - Width _____ in.,

Thickness _____ in., _____ mm;
_____ mm

Thickness _____ in.,

Fully Worn Thickness _____ in., _____ mm; Fully Worn Thickness _____ in., _____ mm

LINING INSTALLED DIMENSIONS (Nominal Production Values):

Drum-Shoe Cage Diameter _____ in., _____ mm;
Diametral Clearance = Drum Diameter - Shoe Cage
_____ in., _____ mm;

Disc-Clearance To Lining
Inboard _____ in.,
_____ mm

Non-service Parking Brake _____

Outboard _____ in.,
_____ mm

LINING CODES:

Drum-Primary _____ ;
Secondary _____ ;

Disc-Inboard _____ or
leading
Outboard _____ or
trailing

LINING ATTACHMENT

BONDED RIVETED

BONDED RIVETED

Drum-
Primary or
Leading
Secondary or

() ()
() ()

Disc-
Inboard
Outboard

() ()
() ()

Trailing

WHEEL CYLINDER DIAMETER: _____ in., _____ mm

CALIPER BORE DIAMETER: _____ in., _____ mm

NUMBER PER BRAKE _____ Number Per Caliper _____

Calipers Per Wheel _____

REAR BRAKES

TYPE:	<input type="checkbox"/> Drum,	Brake Type	<input type="checkbox"/> Disc,	Brake Type
	<input type="checkbox"/> Cast	<input type="checkbox"/> Duo Servo	<input type="checkbox"/> Cast	<input type="checkbox"/> Fixed
	<input type="checkbox"/> Composite	<input type="checkbox"/>	<input type="checkbox"/> Multipiece	Caliper
	<input type="checkbox"/> Finned	Leading/Trailing	<input type="checkbox"/> Vented	<input type="checkbox"/> Float
	_____	<input type="checkbox"/>	_____	Caliper
		Leading/Leading		<input type="checkbox"/> Pin, <input type="checkbox"/>
		_____		Slider

SIZE: Drum Diameter _____ in., _____ mm; Disc Diameter _____ in., _____ mm
Thickness _____ in., _____ mm

Non-service Parking Brake Type & Size

LINING SIZE:

Drum - Length _____ in., _____ mm;
_____ mm

Disc - Length _____ in.,

Primary - Width _____ in., _____ mm;
_____ mm

Inboard - Width _____ in.,

Thickness _____ in., _____ mm;
_____ mm

Thickness _____ in.,

Fully Worn Thickness _____ in., _____ mm;
_____ in., _____ mm

Fully Worn Thickness

Drum - Length _____ in., _____ mm;
_____ mm

Disc - Length _____ in.,

Secondary - Width _____ in., _____ mm;
_____ mm

Outboard - Width _____ in.,

Thickness _____ in., _____ mm;
_____ mm

Thickness _____ in.,

Fully Worn Thickness _____ in., _____ mm; Fully Worn Thickness
in., mm

LINING INSTALLED DIMENSIONS (Nominal Production Values):

Drum-Shoe Cage Diameter _____ in., _____ mm;
Diametral Clearance = Drum Diameter - Shoe Cage
_____ in., _____ mm;

Disc-Clearance To Lining
Inboard _____ in.,
_____ mm

Non-service Parking Brake _____

Outboard _____ in.,
_____ mm

LINING CODES:

Drum-Primary _____ ;
Secondary _____ ;

Disc-Inboard _____ or
leading
Outboard _____ or
trailing

LINING ATTACHMENT

BONDED RIVETED

BONDED RIVETED

Drum-
Primary or
Leading
Secondary or
Trailing

() ()
() ()

Disc-
Inboard
Outboard

() ()
() ()

WHEEL CYLINDER DIAMETER: _____ in., _____ mm

CALIPER BORE DIAMETER: _____ in., _____ mm

NUMBER PER BRAKE _____ Number Per Caliper _____

Calipers Per Wheel _____

**FMVSS 105 DATA SUMMARY
TRUCK/MPV/BUS (GVW <8K lbs.)**

MY _____ ; Manufacturer _____

Make _____ ; Model _____

Test No. _____ ; GVWR/LLVW _____ lbs.

TEST SECTION	REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
First Effectiveness 30 mph	65 ft., 15-150 lbs.	_____
First Effectiveness 60 mph	242 ft., 15-150 lbs.	_____
Second Effectiveness 30 mph		
Second Effectiveness 60 mph	57 ft., 15-150 lbs.	_____
Second Effectiveness 80 mph	216 ft., 15-150 lbs.	_____
	Not Applicable	_____
Parking Brake 30%, GVW & LLVW () Hand, () Foot, () P/Mechanism	90 lbs. Hand Control 125 lb-foot Control	GVWR: Up _____ lbs., Down _____ lbs. LLVW: Up _____ lbs., Down _____ lbs.
Third Effectiveness 60 mph	216 ft., 15-150 lbs.	_____

Brake Lamp Activation-- Manual	25 lbs. or 225 psi 50 lbs. or 225 psi More Than 25%	_____ lbs., _____ psi _____ lbs., _____ psi cc: _____ on, _____ Total, _____ %
Brake Lamp Activation--Power Reservoir Fluid Level		
Partial Failure	517 ft., 15-150 lbs.	Inop. __ , __ :
LLVW 60 mph	517 ft., 15-150 lbs.	_____
(define Brakes Inoperative)	517 ft., 15-150 lbs.	Inop. __ , __ :
GVW 60 mph	517 ft., 15-150 lbs.	_____
		Inop. __ , __ :

		Inop. __ , __ :

Antilock Inoperative 60 mph	517 ft., 15-150 lbs.	() NA, _____
Variable Proprtng Inop. 60 mph	517 ft., 15-150 lbs.	() NA, _____
Brake Signal Transmitted electrically RBS Failure Electrically Actuated Brakes		
Inoperative Power Assist 60 mph	517 ft., 15-150 lbs.	() NA, _____
Depleted EV batteries Depleted electrically actuated brake batteries		
First Fade	10-60 lbs./10 fss	_____
Baseline, 30 mph	15-150 lbs./15 fss	_____
Stops 1-5, 60 mph	15-150 lbs./5-15 fss	_____
Stops 6-10, 60 mph		
Recovery Stops 1- 4, 30 mph	10-150 lbs./10 fss + 20/ - 10# or	_____
Stop 5, 30 mph	0.6xbl	R = __ - __ lbs., Measured __ lbs.
Second Fade	10-60 lbs./10 fss	_____

Baseline, 30 mph	15-150 lbs./15 fss	_____
Stops 1-10, 60 mph	15-150 lbs./5-15 fss	_____
Stops 11-15, 60 mph		
Recovery Stops 1-4, 30 mph	10-150 lbs./10 fss + 20/ - 10# or	R = ___ - ___ lbs., Measured ___ lbs.
Stop 5, 30 mph	0.6xbl	
Fourth Effectiveness, 30 mph	72 ft., 15-150 lbs.	_____
60 mph	242 ft., 15-150 lbs.	_____
80 mph	459 ft., 15-150 lbs.	_____
If Applicable 95 mph	Not Applicable	_____
If Applicable 100 mph	Not Applicable	_____
Water Recovery/baseline, 30 mph	10-60 lbs./10 fss	_____
Stops 1-4, 30 mph	10-150 lbs./10 fss + 45/ - 10# or	_____
Stop 5, 30 mph	0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.
Spike Stops (10), 30 mph	200 lbs. in 0.08 sec.	Max. _____ lbs., Min. time _____ ms
Post Spike Effective, 60 mph	242 ft., 15-150 lbs.	_____
Reservoir Volume	Sufficient For Full Lining Wear	Required _____ cc Measured _____ cc, _____ %
Final Inspection	Linings Attached	() OK,
	Mechanical Components	_____ () OK,
	Hydraulic Cylinder W/O Leak	_____ () OK,

Comments:

**FMVSS 105 DATA SUMMARY
TRK/MPV/BUS-EXCEPT S/BUS (GVW 8-10K lbs.)**

MY ____ ; Manufacturer

Make _____ ; Model

Test No. _____ ; GVWR/LLVW _____ lbs.

TEST SECTION	REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
First Effectiveness 30 mph	72 ft., 15-150 lbs.	_____
First Effectiveness 60 mph	267 ft., 15-150 lbs.	_____
Second Effectiveness 30 mph		
Second Effectiveness 60 mph	57 ft., 15-150 lbs.	_____
Second Effectiveness 80 mph	216 ft., 15-150 lbs. Not Applicable	_____ _____
Parking Brake 30%, GVW & LLVW () Hand, () Foot	90 lbs. Hand Control 125 lb-foot Control	GVWR: Up _____ lbs., Down _____ lbs. LLVW: Up _____ lbs., Down _____ lbs.
Third Effectiveness 60 mph	242 ft., 15-150 lbs.	_____
Brake Lamp Activation-- Manual Brake Lamp Activation--Power	25 lbs. or 225 psi 50 lbs. or 225 psi More Than 25%	_____ lbs., _____ psi _____ lbs., _____ psi cc: _____ on, _____ Total, _____%

Reservoir Fluid
Level

Partial Failure	517 ft., 15-150 lbs.	Inop. __ , __ :
LLVW 60 mph	517 ft., 15-150 lbs.	_____
(define Brakes	517 ft., 15-150 lbs.	Inop. __ , __ :
Inoperative)	517 ft., 15-150 lbs.	_____
GVW 60 mph		Inop. __ , __ :

		Inop. __ , __ :

Antilock	517 ft., 15-150 lbs.	() NA,
Inoperative 60		_____
mph		

Variable Proprtng	517 ft., 15-150 lbs.	() NA,
Inop. 60 mph		_____

Brake Signal Transmitted electrically
RBS Failure
Electrically Actuated Brakes

Inoperative Power	517 ft., 15-150 lbs.	() NA,
Assist 60 mph		_____

Depleted EV batteries
Depleted electrically actuated brake
batteries

First Fade	10-60 lbs./10 fss	_____
Baseline, 30 mph	15-150 lbs./15 fss	_____
Stops 1-5, 60 mph	15-150 lbs./5-15 fss	_____
Stops 6-10, 60		
mph		

Recovery Stops 1-	10-150 lbs./10 fss	_____
4, 30 mph	+ 20/ - 10# or	R = __ - __ lbs., Measured __ lbs.
Stop 5, 30 mph	0.6xbl	

Second Fade	10-60 lbs./10 fss	_____
Baseline, 30 mph	15-150 lbs./15 fss	_____
Stops 1-10, 60	15-150 lbs./5-15 fss	_____
mph		
Stops 11-15, 60		
mph		

Recovery Stops 1-4, 30 mph	10-150 lbs./10 fss + 20/ - 10# or	_____
Stop 5, 30 mph	0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.

Fourth Effectiveness, 30 mph	65 ft., 15-150 lbs.	_____
60 mph	267 ft., 15-150 lbs.	_____
80 mph	510 ft., 15-150 lbs.	_____
If Applicable 95 mph	Not Applicable	_____
If Applicable 100 mph	Not Applicable	_____

Water Recovery/baseline, 30 mph	10-60 lbs./10 fss	_____
Stops 1-4, 30 mph	10-150 lbs./10 fss + 45/ - 10# or	_____
Stop 5, 30 mph	0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.

Spike Stops (10), 30 mph	200 lbs. in 0.08 sec.	Max. _____ lbs., Min. time _____ ms
Post Spike Effective, 60 mph	267 ft., 15-150 lbs.	_____

Reservoir Volume	Sufficient For Full Lining Wear	Required _____ cc Measured _____ cc, _____ %
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Final Inspection	Linings Attached	() OK,
	Mechanical Components	_____ () OK,
	Hydraulic Cylinder	_____ () OK,
	W/O Leak	_____ () OK,

Comments:

**FMVSS 105 DATA SUMMARY
SCHOOL BUS (GVW 8-10K lbs.)**

MY ____ ; Manufacturer _____

Make _____ ; Model _____

Test No. _____ ; GVWR/LLVW _____ lbs.

TEST SECTION	REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
First Effectiveness 30 mph	69 ft., 15-150 lbs.	_____
First Effectiveness 60 mph	267 ft., 15-150 lbs.	_____
Second Effectiveness 30 mph		
Second Effectiveness 60 mph	57 ft., 15-150 lbs.	_____
	216 ft., 15-150 lbs.	_____
	Not Applicable	_____
Second Effectiveness 80 mph		
Parking Brake 30%, GVW & LLVW () Hand, () Foot, () P/Mechanism	90 lbs. Hand Control 125 lb-foot Control	GVWR: Up _____ lbs., Down _____ lbs. LLVW: Up _____ lbs., Down _____ lbs.
Third Effectiveness 60 mph	242 ft., 15-150 lbs.	_____
Brake Lamp Activation-- Manual Brake Lamp Activation--Power Reservoir Fluid Level	25 lbs. or 225 psi 50 lbs. or 225 psi More Than 25%	_____ lbs., _____ psi _____ lbs., _____ psi cc: _____ on, _____ Total, _____%
Partial Failure LLVW 60 mph (define Brakes Inoperative)	517 ft., 15-150 lbs. 517 ft., 15-150 lbs. 517 ft., 15-150 lbs. 517 ft., 15-150 lbs.	Inop. __ , __ : _____ Inop. __ , __ : _____

GVW 60 mph

Inop. __ , __ :

Inop. __ , __ :

Antilock 517 ft., 15-150 lbs.
Inoperative 60 mph

() NA,

Variable Proprtng 517 ft., 15-150 lbs.
Inop. 60 mph

() NA,

Brake Signal Transmitted electrically
RBS Failure
Electrically Actuated Brakes

Inoperative Power 517 ft., 15-150 lbs.
Assist 60 mph

() NA,

Depleted EV batteries
Depleted electrically actuated brake
batteries

First Fade 10-60 lbs./10 fss
Baseline, 30 mph 15-150 lbs./15 fss
Stops 1-5, 60 mph 15-150 lbs./5-15 fss
Stops 6-10, 60 mph

Recovery Stops 1-4, 30 mph 10-150 lbs./10 fss
+ 20/ - 10# or
Stop 5, 30 mph 0.6xbl

R = __ - __ lbs., Measured __ lbs.

Second Fade 10-60 lbs./10 fss
Baseline, 30 mph 15-150 lbs./15 fss
Stops 1-10, 60 mph 15-150 lbs./5-15 fss
Stops 11-15, 60 mph

Recovery Stops 1-4, 30 mph 10-150 lbs./10 fss
+ 20/ - 10# or
Stop 5, 30 mph 0.6xbl

R = __ - __ lbs., Measured __ lbs.

Fourth Effectiveness, 30 65 ft., 15-150 lbs.
267 ft., 15-150 lbs.

mph	510 ft., 15-150 lbs.	_____
60 mph	Not Applicable	_____
80 mph	Not Applicable	_____
If Applicable 95 mph		
If Applicable 100 mph		
Water	10-60 lbs./10 fss	_____
Recovery/baseline, 30 mph	10-150 lbs./10 fss + 45/ - 10# or	_____
Stops 1-4, 30 mph	0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.
Stop 5, 30 mph		
Spike Stops (10), 30 mph	200 lbs. in 0.08 sec.	Max. _____ lbs., Min. time _____ ms
Post Spike Effective, 60 mph	267 ft., 15-150 lbs.	_____
Reservoir Volume	Sufficient For Full Lining Wear	Required _____ cc Measured _____ cc, _____ %
Final Inspection	Linings Attached	() OK,
	Mechanical Components	_____ () OK,
	Hydraulic Cylinder W/O Leak	_____ () OK,

Comments:

**FMVSS 105 DATA SUMMARY
SCHOOL BUS (GVW > 10K lbs.)**

MY ____ ; Manufacturer

Make _____ ; Model

Test No. _____ ; GVWR/LLVW _____ lbs.

TEST SECTION	REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
First Effectiveness 30 mph First Effectiveness 60 mph	88 ft., 15-150 lbs. 388 ft., 15-150 lbs.	_____ _____
Second Effectiveness 30 mph Second Effectiveness 60 mph Second Effectiveness 80 mph	81 ft., 15-150 lbs. 388 ft., 15-150 lbs. Not Applicable	_____ _____ _____
Parking Brake 30%, GVW & LLVW () Hand, () Foot	125 lbs. Hand Control 150 lb-foot Control	GVWR: Up _____ lbs., Down _____ lbs. LLVW: Up _____ lbs., Down _____ lbs.
Third Effectiveness 60 mph	388 ft., 15-150 lbs.	_____
Brake Lamp Activation-- Manual Brake Lamp Activation--Power Reservoir Fluid Level	25 lbs. or 225 psi 50 lbs. or 225 psi More Than 25%	_____ lbs., _____ psi _____ lbs., _____ psi cc: _____ on, _____ Total, _____%
Partial Failure LLVW 60 mph (define Brakes Inoperative) GVW 60 mph	613 ft., 15-150 lbs. 613 ft., 15-150 lbs. 613 ft., 15-150 lbs. 613 ft., 15-150 lbs.	Inop. __ , __ : _____ Inop. __ , __ : _____ Inop. __ , __ : _____ Inop. __ , __ : _____
Antilock	613 ft., 15-150 lbs.	() NA,

Inoperative 60 mph		_____
Variable Proprtng Inop. 60 mph	613 ft., 15-150 lbs.	() NA, _____
Brake Signal Transmitted electrically RBS Failure Electrically Actuated Brakes		
Inoperative Power Assist 60 mph	613 ft., 15-150 lbs.	() NA, _____
Depleted EV batteries Depleted electrically actuated brake batteries		
First Fade Baseline, 40-20 mph Snubs 1-10, 40-20 mph	10-90 lbs./10 fss 15-150 lbs./15 fss	_____ _____
Recovery Snubs 1-4, 40-20 mph Snub 5, 40-20 mph	10-150 lbs./10 fss + 45/ - 10# or 0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.
Second Fade Baseline, 40-20 mph Snubs 1-20, 40-20 mph	10-90 lbs./10 fss 15-150 lbs./15 fss	_____ _____
Recovery Snubs 1-4, 40-20 mph Snub 5, 40-20 mph	10-150 lbs./10 fss + 45/ - 10# or 0.6xbl	R = ___ - ___ lbs., Measured ___ lbs.
Fourth Effectiveness, 30 mph 60 mph 80 mph If Applicable 95 mph	88 ft., 15-150 lbs. 383 ft., 15-150 lbs. Not Applicable Not Applicable Not Applicable	_____ _____ _____ _____

If
Applicable 100
mph

Water 10-90 lbs./10 fss _____
Recovery/baseline, 10-150 lbs./10 fss _____
30 mph + 60/ - 10# or _____
Stops 1-4, 30 mph 0.6xbl R = ___ - ___ lbs., Measured ___ lbs.
Stop 5, 30 mph

Reservoir Volume Sufficient For Full Lining Wear Required _____ cc
Measured _____ cc, _____ %

Final Inspection Linings Attached () OK,
Mechanical _____
Components () OK,
Hydraulic Cylinder _____
W/O Leak () OK,

Comments:

**FMVSS 105 DATA SUMMARY
TRUCKS/MPVs/BUSES -- EXCEPT SCHOOL BUSES (GVW > 10K lbs.)**

MY ____; Manufacturer _____

Make _____; Model _____

Test No. _____; GVWR/LLVW _____
_____ lbs.

TEST SECTION	REQUIREMENTS	ACTUAL PERF.-BEST STOP DIST., MAX PF AND DECEL.
First Effectiveness 30 mph	NA (not applicable) NA	_____ _____
First Effectiveness 60 mph		
Second Effectiveness 30	NA	_____ _____

mph	NA	_____
Second		_____
Effectiveness 60		_____
mph		
Second		
Effectiveness 80		
mph		
Parking Brake	NA	GVWR: Up _____ lbs., Down
30%, GVW &	NA	_____ lbs.
LLVW		LLVW: Up _____ lbs., Down
() Hand, () Foot		_____ lbs.
Third	Not Applicable	_____
Effectiveness 60		
mph		
Brake Lamp	25 lbs. or 225 psi	_____ lbs., _____ psi
Activation--	50 lbs. or 225 psi	_____ lbs., _____ psi
Manual	More Than 25%	cc: _____ on, _____ Total, _____ %
Brake Lamp		
Activation--Power		
Reservoir Fluid		
Level		
Partial Failure	613 ft., 15-150 lbs.	Inop. __ , __ :
LLVW 60 mph	613 ft., 15-150 lbs.	_____
(define Brakes	613 ft., 15-150 lbs.	Inop. __ , __ :
Inoperative)	613 ft., 15-150 lbs.	_____
GVW 60 mph		Inop. __ , __ :

		Inop. __ , __ :

Antilock	613 ft., 15-150 lbs.	() NA,
Inoperative 60		_____
mph		
Variable Proprtng	613 ft., 15-150 lbs.	() NA,
Inop. 60 mph		_____
Brake Signal Transmitted electrically		
RBS Failure		
Electrically Actuated Brakes		
Inoperative Power	613 ft., 15-150 lbs.	() NA,

Assist 60 mph _____

Depleted EV batteries
Depleted electrically actuated brake
batteries

First Fade NA
Baseline, 40-20 NA
mph
Snubs 1-10, 40-20
mph

Recovery Snubs 1- NA
4, 40-20 mph NA
Snub 5, 40-20
mph
R = ___ - ___ lbs., Measured ___ lbs.

Second Fade NA
Baseline, 40-20 NA
mph
Snubs 1-20, 40-20
mph

Recovery Snubs 1- NA
4, 40-20 mph NA
Snub 5, 40-20
mph
R = ___ - ___ lbs., Measured ___ lbs.

Fourth NA
Effectiveness, 30 NA
mph NA
60 mph NA
80 mph NA

If Applicable 95
mph
If
Applicable 100
mph

Water NA
Recovery/baseline, NA
30 mph NA
Stops 1-4, 30 mph
Stop 5, 30 mph
R = ___ - ___ lbs., Measured ___ lbs.

Reservoir Volume Sufficient For Required _____ cc

	Full Lining Wear	Measured _____ cc, _____ %
Final Inspection	Linings Attached	() OK,
	Mechanical	_____
	Components	() OK,
	Hydraulic Cylinder	_____
	W/O Leak	() OK,

Comments: