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If trade or manufacturers' names or products are mentioned, it is only because they are considered essential to the object of the publication and should not be construed as an endorsement.

Prepared By: Doris Beale

Approved By: 

Accepted By: Theresa M. Acosta

Acceptance Date: September 18, 2007
Compliance tests were conducted on the subject 2007 Hyundai Entourage four-door MPV in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No. TP-110T-01 for the determination of FMVSS 110 compliance. Test failures identified were as follows: NONE.
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SECTION 1

INTRODUCTION

1.1 PURPOSE OF COMPLIANCE TEST

A 2007 Hyundai Entourage four-door MPV was tested to determine if the vehicle was in compliance with the requirements of FMVSS 110. All tests were conducted in accordance with NHTSA, Office of Vehicle Safety Compliance (OVSC) Laboratory Test Procedure, TP-110T-01, dated December 15, 2005.

This standard establishes requirements to ensure that applicable vehicles are equipped with tires of adequate size and load rating and rims of appropriate size and type designation. This standard also establishes location, content, and format requirements for the Vehicle Placard and optional Tire Inflation Pressure Label.

1.2 TEST VEHICLE

The test vehicle was a 2007 Hyundai Entourage four-door MPV. Nomenclatures applicable to the test vehicle are:

A. Vehicle Identification Number: KNDMC233776011787

B. NHTSA No.: C70504

C. Manufacturer: Kia Motors Corporation

D. Manufacture Date: 02/2006

1.3 TEST DATE

The test vehicle was tested August 22 through August 24, 2007.
SECTION 2
TEST PROCEDURE AND SUMMARY OF RESULTS

2.1 TEST PROCEDURE

The test vehicle was inspected for completeness, systems operability, and appropriate fuel and liquid levels, i.e. oil and coolant. The vehicle was then photographically documented as required by the NHTSA/OVSC Test Procedure. Tire sidewall information was recorded. The owner’s manual was reviewed. Pertinent information from the tire and rim was photographed.

Subsequent events included weighing the vehicle to establish delivered Unloaded Vehicle Weight and the distribution of weight on the front and rear axles and each wheel position. At each step of the ballasting procedure, data was recorded. Vehicle was ballasted to Full Occupant Load, and Maximum Vehicle Load weight. Ballast was photographically documented for Maximum Vehicle Load weight. The vehicle maximum load on each wheel was measured. Data from each tire furnished with the vehicle were recorded. Tire size information was taken from vehicle certification label and vehicle placard. The right front wheel was removed from the vehicle and the tire was dismounted from the rim. The rim was measured from flange to flange, and rim markings were photographically documented. The owner’s manual was checked for all required information on tire loading, and on general tire and loading parameters.

2.2 SUMMARY OF RESULTS

The data indicate compliance of the Hyundai Entourage test vehicle with all requirements tested.
SECTION 3

TEST DATA
DATA SUMMARY SHEET (1 of 2)

VEHICLE MAKE/MODEL/BODY STYLE: 2007 Hyundai Entourage four-door MPV

VEHICLE NHTSA NO.: C70504 VIN: KNDMC233776011787

VEHICLE TYPE: MPV DATE OF MANUFACTURE: 02/2006

LABORATORY: US DOT San Angelo Test Facility

LIGHT TRUCK TYPE REQUIREMENTS

PASS/FAIL

General (Data Sheet 2)

The vehicle must be equipped with tires that meet the requirements of S109 or S119. (S120, S5.1.1) 

PASS

Tire Load Limits (Data Sheet 2)

The sum of the maximum load ratings of the tires fitted to an axle is not less than the gross axle weight rating (GAWR) of the axle system as specified on the certification label. (S120, S5.1.2)

PASS

Rim (Data Sheet 3)

Each rim is constructed to the dimensions of a rim specified for the tire size equipped on the vehicle. (S120, S5.1.1) 

PASS

Each rim is properly marked. (S120, S5.2)

PASS

Certification, Placard, and Tire Inflation Pressure Labels (Data Sheets 4)

The placard and tire inflation pressure label (if provided) are affixed and located correctly, and display the information and format required. (S110, S4.3)

PASS

The Part 567 certification label shows the size designation of the tires and rims appropriate for the vehicle including the tire size(s) listed on the vehicle placard and, if provided, tire inflation pressure label (S110, S4.3.3)

PASS

No inflation pressure other than the maximum permissible inflation pressure is shown on the placard and, if any, tire inflation pressure label unless as required (S110, S4.3.4)

PASS
**Vehicle Weight Distribution** (Data Sheet 5)

The Gross Vehicle Weight Rating (GVWR) is not less than the sum of the unloaded vehicle weight, rated cargo load, and 68 kg times the vehicle’s designated seating capacity. However, for school buses, the minimum occupant weight allowance is 54 kg. (49 CFR 567, *Certification*)

**Owner’s Manual** (Data Sheet 6)

Owner’s manual or other document has discussion of Loading and Tires (575.6 (a)(4))

Owner’s manual includes exact statement relating to “Steps for Determining Correct Load Limits.” (575.6 (a)(5))
DATA SHEET 1
TEST VEHICLE INFORMATION / RECEIVING INSPECTION

VEHICLE MAKE/MODEL/BODY STYLE: 2007 Hyundai Entourage four-door MPV

VEHICLE NHTSA NUMBER: C70504 TEST DATE: August 22, 2007

VIN: KNDMC23376011787 MANUFACTURE DATE: 02/2006

GVWR: 2,675 kg (5,898 lbs) GAWR (front): 1,360 kg (2,998 lbs)

GAWR (rear): 1,390 kg (3,064 lbs)

SEATING POSITIONS: FRONT 2 MID 2 REAR 3

ODOMETER READING AT START OF TEST: 1,156 km (718 mi)

ENGINE DATA: 6 Cylinders

Liters

Cubic Inches

TRANSMISSION DATA: X Automatic

Manual

No. of Speeds

FINAL DRIVE DATA: Rear Drive

X Front Drive

4 Wheel Drive

CHECK APPROPRIATE BOXES FOR INSTALLED VEHICLE EQUIPMENT:

<table>
<thead>
<tr>
<th></th>
<th>Air Conditioning</th>
<th>Traction Control</th>
<th>Clock</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tinted Glass</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tachometer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Steering</td>
<td>X</td>
<td>Cruise Control</td>
<td>X</td>
</tr>
<tr>
<td>Power Windows</td>
<td>X</td>
<td>Rear Window Defroster</td>
<td>X</td>
</tr>
<tr>
<td>Power Door Locks</td>
<td>Sun Roof or T-Top</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Seat(s)</td>
<td>X</td>
<td>Tilt Steering Wheel</td>
<td>X</td>
</tr>
<tr>
<td>Power Brakes</td>
<td>X</td>
<td>Stereo</td>
<td>X</td>
</tr>
<tr>
<td>Antilock Brake System</td>
<td>Telephone</td>
<td></td>
<td>Rear Disc Brakes</td>
</tr>
</tbody>
</table>

Navigation System | Telephone |

REMARKS: Vehicle did not have a window sticker as received from previous lab.

RECORDED BY: Robert N. Gregg DATE: August 22, 2007

APPROVED BY: Kenneth H. Yates
DATA SHEET 2 (1 of 2)
VEHICLE RIM IDENTIFICATION AND LOAD LIMITS

VEHICLE MAKE/MODEL/BODY STYLE: 2007 Hyundai Entourage four-door MPV

VEHICLE NHTSA NO. C70504 VIN: KNDMC233776011787

LABORATORY: US DOT San Angelo Test Facility TEST DATE: August 24, 2007

All tires on the vehicle (excluding the spare) are the same size: (X) YES ( ) NO
Spare tire is the same size as all other tires: ( ) YES (X) NO

<table>
<thead>
<tr>
<th>Tire Sidewall</th>
<th>Right Front</th>
<th>Left Rear (If different)</th>
<th>Spare Tire (If different)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer and Model</td>
<td>Kumho Solus KH16</td>
<td></td>
<td>Kumho</td>
</tr>
<tr>
<td>Tire Size Designation</td>
<td>225/70R16</td>
<td></td>
<td>T135/90R17</td>
</tr>
<tr>
<td>Load Index/Speed Symbol</td>
<td>102T</td>
<td></td>
<td>104M</td>
</tr>
<tr>
<td>Maximum Inflation Pressure</td>
<td>300 kPa (44 psi)</td>
<td></td>
<td>420 kPa (60 psi)</td>
</tr>
<tr>
<td>Maximum Load Rating</td>
<td>850 kg (1,874 lbs)</td>
<td></td>
<td>900 kg (1,984 lbs)</td>
</tr>
<tr>
<td>Tread/Traction/Temperature</td>
<td>440/AA/A</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Tires Have “DOT” Markings</td>
<td>Yes</td>
<td></td>
<td>Yes</td>
</tr>
</tbody>
</table>

Serial Number: Right Front 27VFYA5M0806 Left Front 27VFYA5M0806
Right Rear 27VFYA5M0806 Left Rear 27VFYA5M1507*
Spare H2PTYA1F0806

*Replacement tire
## VEHICLE TIRE IDENTIFICATION AND LOAD LIMITS

<table>
<thead>
<tr>
<th>MOUNTED TIRE VS. AXLE RATING COMPARISON (at sidewall maximum inflation pressure)</th>
<th>FRONT AXLE</th>
<th>REAR AXLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. GAWR from certification label</td>
<td>1,360 kg (2,998 lbs)</td>
<td>1,390 kg (3,064 lbs)</td>
</tr>
<tr>
<td>B. Tire Maximum Load Rating from above</td>
<td>850 kg (1,874 lbs)</td>
<td>850 kg (1,874 lbs)</td>
</tr>
<tr>
<td>C. Reduced tire load rating if applicable*</td>
<td>773 kg (1,704 lbs)</td>
<td>773 kg (1,704 lbs)</td>
</tr>
<tr>
<td>D. (No. of tires) x (Tire load rating de-rated if appropriate)</td>
<td><strong>1,546 kg (3,408 lbs)</strong></td>
<td><strong>1,546 kg (3,408 lbs)</strong></td>
</tr>
</tbody>
</table>

*If a passenger car tire is installed on a multipurpose passenger vehicle (MPV), truck or bus, the tire’s load rating is reduced by dividing by 1.10.

**DATA INDICATES COMPLIANCE:**  PASS/FAIL: **PASS**

**REMARKS:** A replacement tire was installed on left rear position because the OE tire was damaged during a different FMVSS test.

**RECORDED BY:** Robert N. Gregg  **DATE:** August 24, 2007

**APPROVED BY:** Kenneth H. Yates
DATA SHEET 3
VEHICLE RIM IDENTIFICATION

VEHICLE MAKE/MODEL/BODY STYLE: 2007 Hyundai Entourage four-door MPV

VEHICLE NHTSA NO. C70504 VIN: KNDMC23376011787

LABORATORY: US DOT San Angelo Test Facility TEST DATE: August 24, 2007

Rim Markings

<table>
<thead>
<tr>
<th>Item</th>
<th>RIGHT FRONT</th>
<th>LEFT REAR (if different)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Source of published dimensions (letter designation)</td>
<td>T</td>
<td></td>
</tr>
<tr>
<td>B. Rim Size</td>
<td>16x6½J</td>
<td></td>
</tr>
<tr>
<td>C. Does rim contain DOT symbol? (Yes/No)</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>D. Manufacturer’s name, symbol or trademark (copy format)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. Date of manufacture or symbol (copy format)</td>
<td>02 18 06</td>
<td></td>
</tr>
<tr>
<td>F. Letter height (not less than 3 mm)</td>
<td>5 mm</td>
<td></td>
</tr>
<tr>
<td>G. Lettering (impressed or embossed)</td>
<td>Impressed</td>
<td></td>
</tr>
<tr>
<td>H. Are all rim markings legible? (Yes/No)</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Do items A-C appear on weather side of rim (Yes/No)</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Do all markings comply with requirements (Yes/No)</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

Rim Measurements

<table>
<thead>
<tr>
<th>Item</th>
<th>RIGHT FRONT</th>
<th>LEFT REAR (if different)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rim width</td>
<td>16.5 cm (6.5 in)</td>
<td></td>
</tr>
<tr>
<td>Rim diameter</td>
<td>40.6 cm (16 in)</td>
<td></td>
</tr>
<tr>
<td>Rim measurements same as rim markings?</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

Rims are suitable for tires on vehicle? (X) YES ( ) NO

Reference source used for tire/rim match verification:
2007 Japan Automobile Tyre Manufacturers Association Yearbook

DATA INDICATES COMPLIANCE: PASS/Fail: PASS

REMARKS: None

RECORDED BY: Robert N. Gregg DATE: August 24, 2007

APPROVED BY: Kenneth H. Yates
DATA SHEET 4 (1 of 3)

VEHICLE MAKE/MODEL/BODY STYLE: 2007 Hyundai Entourage four-door MPV

VEHICLE NHTSA NO. C70504 VIN: KNDMC233776011787


Identification of Vehicle Labeling

<table>
<thead>
<tr>
<th>(Yes/No)</th>
<th>Location</th>
<th>PASS/FAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Certification Label*</td>
<td>Yes</td>
<td>Driver's side B pillar</td>
</tr>
<tr>
<td>2. Vehicle Placard*</td>
<td>Yes</td>
<td>Driver's side B pillar</td>
</tr>
<tr>
<td>3. Tire Inflation Pressure Label*</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

* Labels must be located as specified in section 12.4 of test procedure.

Vehicle Placard

![Vehicle Placard Diagram](FIGURE 1 (70 FR 14425))

Labeling Notes:
1. Tire size and pressure can be omitted from the Vehicle Placard if same data is displayed on a Tire Inflation Pressure Label.
2. The Alphanumeric Identifier or Barcode is optional. It can be located vertically, along the right edge or the left edge of the placard or the label, or horizontally, along the bottom edge of the placard or the label.
3. Tire size can include the tire load range identification symbol ("XL" or "reinforced", "B", "C", "D", "E", or "F"), the load index number, and the speed rating symbol, located immediately to the right of the tire size designation.
4. The tire "SIZE" heading can be replaced with "ORIGINAL TIRE SIZE" or "ORIGINAL SIZE."
5. The "SPARE" tire heading can be replaced with "SPARE TIRE."
6. For full size spare tires, the recommended cold tire inflation pressure can be replaced with "SEE ABOVE".
7. If no spare tire is provided, the word "NONE" is to replace the manufacturer’s cold tire inflation pressure.

Vehicle Placard has the exact color and format as specified in the above Figure 1 and text is in English language. (X) YES ( ) NO

If no, explain: Text is bilingual.

Tire Inflation Pressure Label

![Tire Inflation Pressure Label Diagram](FIGURE 2 (70 FR 14426))
Vehicle Placard and, if provided, Tire Inflation Pressure Label are permanently affixed.  
(X) YES   ( ) NO

Combined weight of occupants and cargo 525 kg (1,157 lbs)

Seating Capacity: Total 7; Front 2; Rear 5  
Is the number of belted seating positions the same as the labeled seating capacity?  
(X) YES   ( ) NO

Is the tire size and pressure provided?  
(X) YES   ( ) NO

Tire Information:

Tire Size: Front 225/70R16; Rear 225/70R16

Tire Inflation Pressure: Front 240 kPa (35 psi); Rear 240 kPa (35 psi)

Are the sizes of the installed tires the same as the sizes of the labeled tires?  
(X) YES   ( ) NO

Is the labeled cold tire inflation pressure equal to or less than the sidewall labeled maximum cold tire inflation pressure?  
Front axle:  (X) YES   ( ) NO   Rear axle:  (X) YES   ( ) NO

Vehicle Certification Label information:

<table>
<thead>
<tr>
<th>Tire Size</th>
<th>Rim Size</th>
<th>Rim Suitable for Tire?*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front Axle</td>
<td>225/70R16</td>
<td>6.5Jx16</td>
</tr>
<tr>
<td>Rear Axle</td>
<td>225/70R16</td>
<td>6.5Jx16</td>
</tr>
</tbody>
</table>

*Referenced source used for tire/rim match verification:

2007 Japan Automobile Tyre Manufacturers Association Yearbook
Is (Are) tire size(s) listed on the vehicle placard and/or tire inflation pressure label also listed on the certification label with suitable rim size? ( X ) YES (   ) NO

<table>
<thead>
<tr>
<th>LABELED TIRE CAPACITY AT SPECIFIED PRESSURE</th>
<th>FRONT AXLE</th>
<th>REAR AXLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>GVWR 2,675 kg (5,898 lbs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. GAWR from certification label</td>
<td>1,360 kg (2,998 lbs)</td>
<td>1,390 kg (3,064 lbs)</td>
</tr>
<tr>
<td>B. Tire load rating of labeled tire size at labeled inflation pressure*</td>
<td>850 kg (1,874 lbs)</td>
<td>850 kg (1,874 lbs)</td>
</tr>
<tr>
<td>C. Reduced tire load rating if applicable**</td>
<td>773 kg (1,704 lbs)</td>
<td>773 kg (1,704 lbs)</td>
</tr>
<tr>
<td>D. (No. of tires) x (Tire load rating de-rated if appropriate)</td>
<td>1,546 kg (3,408 lbs)</td>
<td>1,546 kg (3,408 lbs)</td>
</tr>
</tbody>
</table>

Is “D” equal to or greater than “A”? Yes Yes

*Reference source used for determining load rating:
2007 Japan Automobile Tyre Manufacturers Association Yearbook

** If a passenger car tire is installed on a multipurpose passenger vehicle (MPV), truck or bus, the tire’s load rating is reduced by dividing by 1.10.

DATA INDICATES COMPLIANCE: PASS/FAIL: PASS

REMARKS: None

RECORDED BY: Robert N. Gregg DATE: August 22, 2007
APPROVED BY: Kenneth H. Yates
VEHICLE MAKE/MODEL/BODY STYLE: 2007 Hyundai Entourage four-door MPV

VEHICLE NHTSA NO. C70504 VIN: KNDMC233776011787


Full Fluid Levels: Fuel Full Coolant Full Other Fluids* Full

* Transmission, windshield washer, power steering fluid, & engine oil

Tire Pressures: (prior to adjustment for weighing)

<table>
<thead>
<tr>
<th></th>
<th>LF  232 kPa (33.6 psi)</th>
<th>LR  232 kPa (33.6 psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF</td>
<td>231 kPa (33.5 psi)</td>
<td>RR  234 kPa (33.9 psi)</td>
</tr>
</tbody>
</table>

Vehicle Occupant Load

Seating Capacity from Placard:

Total  7 ; Front  2 ; Rear  5

Full Occupant Load  476 kg (1,050 lbs)
[# of occupants x 68 KG per adult occupant and 54 KG per student occupant]

Vehicle Luggage/Cargo Load

(1) Vehicle Capacity Weight (from placard)

525 kg (1,157 lbs)

(2) Full Occupant Load (from above)

476 kg (1,050 lbs)

(3) Luggage/Cargo Load (subtract (2) from (1))

49 kg (107 lbs)

Describe placement of cargo: Equally spaced weight distribution, front to rear and side to side
### DATA SHEET 5 (2 of 2)
#### VEHICLE WEIGHT DISTRIBUTION

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Tire or Vehicle Rating*</th>
<th>Unloaded Vehicle Weight</th>
<th>Vehicle Weight with Full Occupant Load</th>
<th>Vehicle Maximum Weight with Occupants and Cargo</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Measured</td>
<td>Over-load</td>
<td>Measured</td>
</tr>
<tr>
<td>Left Front Tire</td>
<td>773 kg (1,704 lbs)</td>
<td>625.5 kg</td>
<td>no</td>
<td>693.0 kg</td>
</tr>
<tr>
<td>Right Front Tire</td>
<td>773 kg (1,704 lbs)</td>
<td>575.0 kg</td>
<td>no</td>
<td>637.0 kg</td>
</tr>
<tr>
<td>Front Axle (GAWR)</td>
<td>1,360 kg (2,998 lbs)</td>
<td>1,200.5 kg</td>
<td>no</td>
<td>1,330.0 kg</td>
</tr>
<tr>
<td>Left Rear Tire</td>
<td>773 kg (1,704 lbs)</td>
<td>433.5 kg</td>
<td>no</td>
<td>606.5 kg</td>
</tr>
<tr>
<td>Right Rear Tire</td>
<td>773 kg (1,704 lbs)</td>
<td>440.0 kg</td>
<td>no</td>
<td>613.5 kg</td>
</tr>
<tr>
<td>Rear Axle (GAVR)</td>
<td>1,390 kg (3,064 lbs)</td>
<td>873.5 kg</td>
<td>no</td>
<td>1,220.0 kg</td>
</tr>
<tr>
<td>Total Vehicle (GVWR)</td>
<td>2,675 kg (5,898 lbs)</td>
<td>2,074.0 kg</td>
<td>no</td>
<td>2,550.0 kg</td>
</tr>
</tbody>
</table>

* Vehicle and axle weight ratings (GVWR & GAWR) are located on the vehicle certification label. Vehicle tire load ratings are based upon the inflation pressure specified on the Vehicle Placard or Tire Inflation Pressure Label for each respective axle, as determined from the appropriate Tire and Rim reference manual. If a passenger car tire is installed on a multipurpose passenger vehicle (MPV), truck or bus, the tire’s load rating is reduced by dividing by 1.10.

**DATA INDICATES COMPLIANCE:** PASS

**REMARKS:** None

**RECORDED BY:** Robert N. Gregg  **DATE:** August 22, 2007

**APPROVED BY:** Kenneth H. Yates
DATA SHEET 6 (1 of 2)
OWNER’S MANUAL REQUIREMENTS

VEHICLE MAKE/MODEL/BODY STYLE: 2007 Hyundai Entourage four-door MPV

VEHICLE NHTSA NO. C70504 VIN: KNDMC233776011787

LABORATORY: US DOT San Angelo Test Facility TEST DATE: August 24, 2007

Owner’s Manual Discusses:

<table>
<thead>
<tr>
<th>Part 575.6(a) Paragraph</th>
<th>Required Discussion Topic</th>
<th>Discussed in Manual? (YES/NO)</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>(4)(i)</td>
<td>Tire labeling, including a description and explanation of each marking on the tires provided with the vehicle, and information about the location of the Tire Identification Number (TIN).</td>
<td>YES</td>
<td>8-3</td>
</tr>
<tr>
<td>(4)(ii)</td>
<td>(A) Description and explanation of recommended cold tire inflation pressure.</td>
<td>YES</td>
<td>8-3</td>
</tr>
<tr>
<td></td>
<td>(B) Description and explanation of FMVSS 110 Vehicle Placard and Tire Inflation Pressure Label and their location(s).</td>
<td>YES</td>
<td>7-3</td>
</tr>
<tr>
<td></td>
<td>(C) Description and explanation of adverse safety consequences of under-inflation including tire failure.</td>
<td>YES</td>
<td>6-38</td>
</tr>
<tr>
<td></td>
<td>(D) Description and explanation for measuring and adjusting air pressure to achieve proper inflation.</td>
<td>YES</td>
<td>6-39</td>
</tr>
<tr>
<td>(4)(iii)</td>
<td>Glossary of tire terminology, including “cold tire pressure,” maximum inflation pressure,” and “recommended inflation pressure,” and all non-technical terms defined in S3 of FMVSS 110 &amp; 139.</td>
<td>YES</td>
<td>6-37</td>
</tr>
<tr>
<td>(4)(vi)</td>
<td>Tire care, including maintenance and safety practices.</td>
<td>YES</td>
<td>6-40</td>
</tr>
<tr>
<td>(4)(v)</td>
<td>(A) Description and explanation of locating and understanding load limit information, total load capacity, seating capacity, towing capacity, and cargo capacity.</td>
<td>YES</td>
<td>4-41, 6-38</td>
</tr>
<tr>
<td></td>
<td>(B) Description and explanation for calculating total and cargo load capacities with varying seating configurations including quantitative examples showing/illustrating how the vehicle’s cargo and luggage capacity decreases as the combined number and size of occupants increases.</td>
<td>YES</td>
<td>4-41, 4-42, 4-43, 4-44</td>
</tr>
<tr>
<td></td>
<td>(C) Description and explanation for determining compatibility of tire and vehicle load capabilities.</td>
<td>YES</td>
<td>4-41, 4-42, 4-43</td>
</tr>
<tr>
<td></td>
<td>(D) Description and explanation of adverse safety consequences of overloading on handling and stopping and on tires.</td>
<td>YES</td>
<td>4-44</td>
</tr>
</tbody>
</table>
DATA SHEET 6 (2 of 2)
OWNER’S MANUAL REQUIREMENTS

The following statement, in the English language, is provided verbatim in the Owner’s Manual. Reference Part 575.6(a)(5) YES ( X ) NO ( )

Steps for Determining Correct Load Limit

(1) Locate the statement “The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs.” on your vehicle’s placard.

(2) Determine the combined weight of the driver and passengers that will be riding in your vehicle.

(3) Subtract the combined weight of the driver and passengers from XXX kg or XXX lbs.

(4) The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the “XXX” amount equals 1400 lbs. and there will be five 150 lb passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs. (1400-750 (5x150) = 650 lbs.)

(5) Determine the combined weight of the luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

(6) If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle.

DATA INDICATES COMPLIANCE: PASS/F fail: ___PASS___

REMARKS: None

RECORDED BY: Robert N. Gregg DATE: August 24, 2007
APPROVED BY: Kenneth H. Yates
### TABLE 1 – EQUIPMENT INFORMATION LIST

<table>
<thead>
<tr>
<th>EQUIPMENT</th>
<th>DESCRIPTION</th>
<th>MODEL/ SERIAL NO</th>
<th>CAL. DATE</th>
<th>NEXT CAL. DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLATFORM SCALE (BALLAST)</td>
<td>HOWE RICHARDSON</td>
<td>MODEL #6401 SERIAL #0181-5509-26</td>
<td>8/14/2007</td>
<td>8/14/2008</td>
</tr>
<tr>
<td>AIR PRESSURE GAUGE</td>
<td>ASHCROFT GENERAL PURPOSE DIGITAL GAUGE</td>
<td>MODEL #D1005PS 02L 100 PSI SERIAL #20017398-01</td>
<td>12/20/07</td>
<td>12/20/2008</td>
</tr>
<tr>
<td>FLOOR SCALES (VEHICLE)</td>
<td>INTERCOMP SW DELUXE SCALES</td>
<td>PART #100156 SERIAL #27032382</td>
<td>8/14/2007</td>
<td>8/14/2008</td>
</tr>
</tbody>
</table>
SECTION 5
PHOTOGRAPHS
2007 HYUNDAI ENTOURAGE
NHTSA NO. C70504
FMVSS NO. 110

FIGURE 5.2
¾ REAR VIEW FROM RIGHT SIDE OF VEHICLE
2007 HYUNDAI ENTOURAGE
NHTSA NO. C70504
FMVSS NO.110

FIGURE 5.3
VEHICLE CERTIFICATION LABEL
The combined weight of occupants and cargo should never exceed 525 kg or 1,157 lbs.
Le poids combiné des occupants et du chargement ne doit jamais excéder 525 kg ou 1,157 lb.

<table>
<thead>
<tr>
<th>TIRE/ PNEU</th>
<th>SIZE/ DIMENSION</th>
<th>COLD TIRE PRESSURE/ PRESSION À FROID</th>
<th>SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION</th>
<th>CONSULTER LE GUIDE DU PROPRIÉTAIRE POUR OBTENIR DES RENSEIGNEMENTS ADDITIONNELS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRONT/ AVANT</td>
<td>225/70R16</td>
<td>240KPA , 35PSI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REAR/ ARRIÈRE</td>
<td>225/70R16</td>
<td>240KPA , 35PSI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPARE/ SECOURS</td>
<td>T135/90R17</td>
<td>420kPa , 60psi</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2007 HYUNDAI ENTOURAGE
NHTSA NO. C70504
FMVSS NO. 110

FIGURE 5.6
TIRE SHOWING MODEL
2007 HYUNDAI ENTOURAGE
NHTSA NO. C70504
FMVSS NO. 110

FIGURE 5.7
TIRE SHOWING SIZE, LOAD INDEX, AND SPEED SYMBOL
FIGURE 5.8
TIRE SHOWING MAX LOAD RATING AND MAX INFLATION PRESSURE

MAX. LOAD 850 kg (1874 lbs)
MAX. PRESS. 300 kPa (44 psi)
FIGURE 5.11
RIM CONTOUR FOR FULL WIDTH OF CROSS SECTION
FIGURE 5.12
RIM SHOWING MANUFACTURE DATE, SIZE, TYPE DESIGNATION, DOT SYMBOL, REFERENCE SOURCE, AND MANUFACTURER SYMBOL
FIGURE 5.13
VEHICLE FRONT SEAT BALLASTED FOR MAXIMUM LOAD
FIGURE 5.14
VEHICLE MID SEAT BALLASTED
FOR MAXIMUM LOAD
2007 HYUNDAI ENTOURAGE
NHTSA NO. C70504
FMVSS NO. 110

FIGURE 5.16
REAR OF VEHICLE SHOWN BALLASTED FOR CARGO