**KANSAS FWD CALIBRATION CENTER**

**USERS PRE-TRIP CHECKLIST**

FWD Operator: __________________________________________

Agency: __________________________________________

FWD Mfg and Model No.: __________________________________________

Serial Nos.: __________________________________________

Calibration Date (dd/mm/yyyy): _ _ / _ _ / _ _ _ _

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| Repair or replace any damaged connections, fittings, or cables.  
Damaged cables and bad connections might affect deflection data. |
| Properly lubricate, if applicable, the load cell swivel and the bolts torqued to specification.  
Assure that 12-in (300-mm) diameter load plate is installed. |
| Remove the rear extension bar removed on Dynatest FWD, if currently installed. |
| Clean the sensor bases.  
(*Note: Deflection sensors will be removed from holders for calibration.*). |
| Ensure that the printer is in working order with an adequate supply of printer paper, ink cartridges, etc. |
| Format a 3 ½ in” diskette for the calibration data.  
If your FWD was previously calibrated, bring the diskette that has the last set of calibration results. |
| Place your FWD manuals and typical spare parts in the tow vehicle as you may need them in case of unforeseen problems. |
| Test all batteries with a hydrometer or load tester. Check battery terminals for corrosion and clean if necessary. |
| Bring a relative calibration stand that accommodates the maximum number of sensors used on your FWD. |
| Properly maintain the hydraulic system; check for leaks. |
| Program the proper test setups into the FWD software (reference and relative calibration). |
| Attain target loads of 6,000, 9,000, 12,000, and 16,000 pounds (± 10%) at drop heights 1, 2, 3, and 4.  
(*Note: If 6,000 lbs. Load cannot be achieved, use lowest practical drop height.*). |

*Note: Complete this checklist and present it to the calibration center operator prior to calibration.*

Comments: ____________________________________________________________________
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_____________________________________________________________________________

Prepared by: _________________________     Data (dd/mm/yyyy): _ _ / _ _ / _ _ _ _