

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: _____

Prepared by: _____ Data (dd/mm/yyyy): __ / __ / ____