AILER TOW BAR EYE AND PINTLE OOK/COUPLER PERFORMANCE-AE J847 NOV87

SAE Recommended Practice

nort of the Transportation and Maintenance and Truck and Bus Technical Committees, approved June 1963 and revised by the Truck and Bus

I. Scope-This SAE Recommended Practice applies to highway trail-

tow bar eye-type applications, including multiple trailers. 2. Performance Requirements—Trailer tow bar eyes, coupling de-ices, their attachments and support structures must withstand the indi-ted test loads without residual deformation of any components which ill affect their intended performance. The coupling device must be

provided with a locking system which prevents accidental separation of the truck tractor or trailer from the trailer being towed. The coupling device and trailer tow bar eye, when mounted and coupled, must provide the minimum clearance necessary for adequate articulation.

NOTE: Many tow bar eye sizes and shapes are available. Two common ed. sizes are shown:







115% <u>T. T. V. W.</u>



50% ATVW (ATTACHED TRAILER ONLY)





36.91