

Summary

Project Name: Testing & Validation

Scope: ANSI Testing for MEWP

- Complete Protobuild, Testing & Validation has been carried out at the Center according to ANSI/SIA A92.2-2009
- Operation on a 5 degree slope.
- Loads produced from manual forces applied at the upper periphery of the platform (Minimum value shall be 50 pounds applied horizontally for aerial devices designed to carry one person and 100 pounds applied horizontally for aerial devices designed to carry more than one person)
- Dual controls
- Controls mounted on platform as well as panel on truck
- Safe with all interlocks
- Structural Design helps in achieving different degrees of freedom for movement of booms
- Rated Platform height: The distance measured at maximum elevation from the bottom of the platform to the ground based on a chassis height of 40 inches (1 meter)
- Platform Reach: The distance measured horizontally from the centerline of the pedestal (rotation) to the outer edge (rail) of the platform.
 - Operational Tests:
 - Boom(s) elevating and lowering mechanism.
 - Boom extension mechanism.
 - Rotating mechanism.
 - Stability Tests
 - Safety devices.

All 4 booms extended as per ANSI A92.2



**STABILITY TEST WITHOUT INCLINATION OF THE CHASSIS
(ZERO DEG) WITH LOAD 225KG**

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**ALL 4 BOOMS EXTENDED WITH SWING ROTATION
360 DEGREE FOR DIFFERENT INCLINATION**

