



## DEFINITIONS FOR SNOWMOBILES—SAE J33

## SAE Recommended Practice

Report of Snowmobile and All-Terrain Vehicle Committee approved March 1973.

**Floatation Area** (was Bearing Area)—The projection in a horizontal plane of the bearing area on the surfaces of the track and skis within 3 in (76 mm) or less above a nonyielding horizontal surface upon which the snowmobile is standing while in a curb weight condition.

**Snowmobile Cutter**—A sleigh designed to be drawn behind a snowmobile.

**Curb Weight**—The total weight of an operational snowmobile including a full load of fuel, oil, coolant, and tool kit supplied by the manufacturer, but without any occupants or cargo.

**Unladen Weight**—The weight of a snowmobile without load, fuel, and oil, but comprising of all other materials necessary for its operation.

**Snowmobile**—A self-propelled vehicle intended for off-road travel primarily on snow, having a curb weight of not more than 1000 lb (450 kg), driven by a track or tracks in contact with the snow, steered by a ski or skis in contact with the snow, with the following special classes:

**Class I—Competition Snowmobile**—A snowmobile intended only for competition as stated and identified publicly by the manufacturer.

**Class II—Children's Snowmobile**—A snowmobile intended only for use by children, as stated and identified publicly by the manufacturer.

**Snowmobile Dimensional Definitions**—The dimensions listed below are defined by Fig. 1 with the following exceptions:

**Overall Length**—The horizontal distance from the foremost part of the snowmobile, to include the bumper and ski or skis, to the rear-most part of the snowmobile, to include the bumper or other fixed attachments.

**Overall Height**—The vertical distance from any unyielding horizontal surface on which the snowmobile, in an unladen weight condition, rests to the topmost fixed part of the unladen snowmobile, including the windshield.

**Overall Width**—The horizontal dimension of the minimum aperture through which the snowmobile can pass.

**Driver Position**—The seated, forward-facing position which is necessary to operate the controls under normal operating conditions.

**Passenger Position** (if provided)—The seated forward facing position in the area in which adequate handholds have been provided.

All the following dimensions are to be taken with the snowmobile in an unladen weight condition on an unyielding horizontal surface. See Fig. 1.

Note: Fig. 1 is on page 2.

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