



Vertigo

A.R.M., INC.
1506 FERNWOOD ROAD
WINTERSVILLE, OH 43953

NAME VERTIGO
MODEL VG100
SERIAL NUMBER VG106
MANUFACTURE DATE FEBRUARY, 2013
MAX ROTATE SPEED 11 RPM
DIRECTION OF ROTATION COUNTERCLOCKWISE
MAX ASCEND RATE 180' (55 m) / MIN
MAX RIDE CYCLE 2 MIN 45 SEC
MAX STATIC WIND SPEED 90 mph (145 kph)
MAX OPERATION WIND SPEED 35 mph (56 kph)

PASSENGER REQUIREMENTS
MINIMUM HEIGHT 48" (122 cm)
MAX PASSENGERS 24
MAX PASSENGER WEIGHT PER SEAT 340 lb (154 kg)
MAX TOTAL PER TWO-POSITION SEAT 340 lb (154 kg)
MAX PASSENGER LOAD 4080 lb (1850 kg)
MAX LOAD IMBALANCE 25% OF LOAD

TOWER/WING BOLT TORQUE 380 lb/ft (515 Nm)

	TRAVELING	STATIC	DYNAMIC
WIDTH	8'-6" (2.59m)	76' (23.16m)	80'-6" (24.54m)
LENGTH	53' (16.15m)	79' (24.08m)	80'-6" (24.54m)
HEIGHT	13'-6" (4.11m)	94'-4" (28.75m)	94'-4" (28.75m)
WEIGHT	66720 lb (30 ton)	66720 lb (30 ton)	70800 lb (32 ton)

