

AIR TRACTOR, INC.

Olney, Texas

1.6 WEIGHT LIMITS:

Maximum: 7,000 lbs. (3175 kg.)
Baggage Compartment: 60 lbs. (+94 in.) (27.2 kg. at +239 cm)
Maximum Hopper Load: 3,250 lbs (1,474 kg.) at +12.0 in. (+30.5cm)
(400 U.S. Gallons at +12.0 in.)
(1514 Liters at +30.5 cm)

NOTE: (1) It is the responsibility of the airplane owner and operator to insure that the airplane is properly loaded. See Weight and Balance data for proper loading instructions.

(2) When crew member is carried in optional loader seat the hopper rinse tank located forward of the engine firewall must be filled with water and/or fuel quantity must be adjusted to prevent exceeding the aft C.G. limit or weight limit.

1.7 CENTER OF GRAVITY LIMITS:

(+17.5) (44.5 cm) to (+24.0 in.) (61.0 cm) at 7,000 lbs. (3175 kg.)
(+17.5) (44.5 cm) to (+28.0 in.) (71.1 cm) at 6,400 lbs. (2903 kg.)

Straight line variation between points.
Datum is wing leading edge.

1.8 MANEUVER LIMITS:

No acrobatic maneuvers, including spins, are approved. Compliance with the spinning requirements for FAR 23 has not been demonstrated.

1.9 FLIGHT LOAD FACTOR LIMITS:

	Flaps Retracted	Flaps Extended
Maximum Positive	+3.8	+1.9
Maximum Negative	-1.9	0.0

2.0 FLIGHT CREW LIMITS: One (1) pilot (+74.0 in.) (+188 cm),
One crew (+110.0 in) (279.4cm) when optional loader seat is
installed in accordance with Dwg 11524.

2.1 KINDS OF OPERATION:

This airplane is certificated in the RESTRICTED CATEGORY and is eligible for the following kinds of operations when the appropriate instruments and equipment required by the airworthiness and/or operating regulations are installed, approved, and are in operable condition.

- a. DAY VFR
- b. NIGHT VFR (Only if Strobe lights, instrument, flap and dome lights are installed per drawing 60004)
- c. Flight into icing conditions is prohibited.
- d. Night work operations are prohibited unless appropriate working lights are installed and operable.
- e. Flight in vicinity of thunderstorms prohibited.