RV-12 WEIGHT & BALANCE WORKSHEET
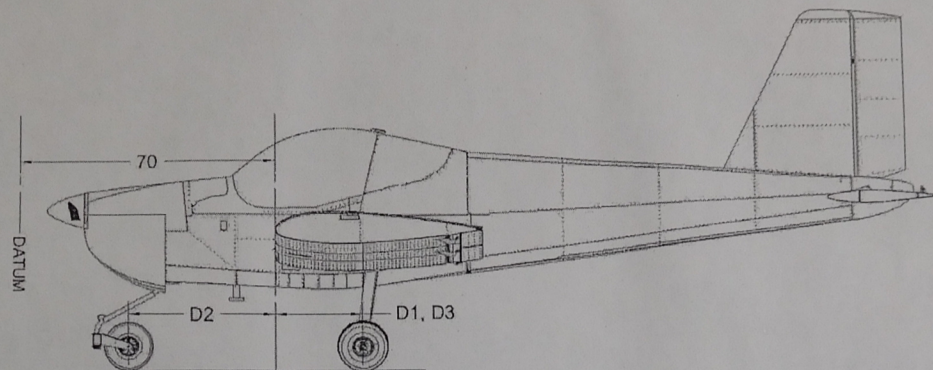
AIRCRAFT: __N800L H__ (registration)
           __120052__ (serial number)

DATE: __4/20/2010__

TABLE 1

	LEFT WHEEL	NOSE WHEEL	RIGHT WHEEL
WEIGHT	296 lb (W1)	144 lb (W2)	315 lb (W3)
DISTANCE FROM AXLE CENTER TO LEADING EDGE	23.75 inches (D1)	40.25 inches (D2)	23.75 inches (D3)

TABLE 2

	WEIGHT	ARM	MOMENT
LEFT WHEEL	296 lb (W1)	(70+23.75) = 93.75 inches (D1) (A1)	(296)*(93.75) = 27,750 in-lb (W1) (A1) (M1)
NOSE WHEEL	144 lb (W2)	(70−40.25) = 29.75 inches (D2) (A2)	(144)*(29.75) = 4,284 in-lb (W2) (A2) (M2)
RIGHT WHEEL	315 lb (W3)	(70+23.75) = 93.75 inches (D3) (A3)	(315)*(93.75) = 29,531 in-lb (W3) (A3) (M3)

EMPTY WEIGHT = __755__ lb   EMPTY ARM = __81.54__ inches
             (W1 + W2 + W3)   (Empty Moment / Empty Weight)

EMPTY MOMENT = __61,565__ in-lb
                 (M1 + M2 + M3)

Aircraft measured, weighed, and worksheet filled-out by: __LARRY HOFFMAN__
                                              printed name

Signature: _Larry Hoffman_