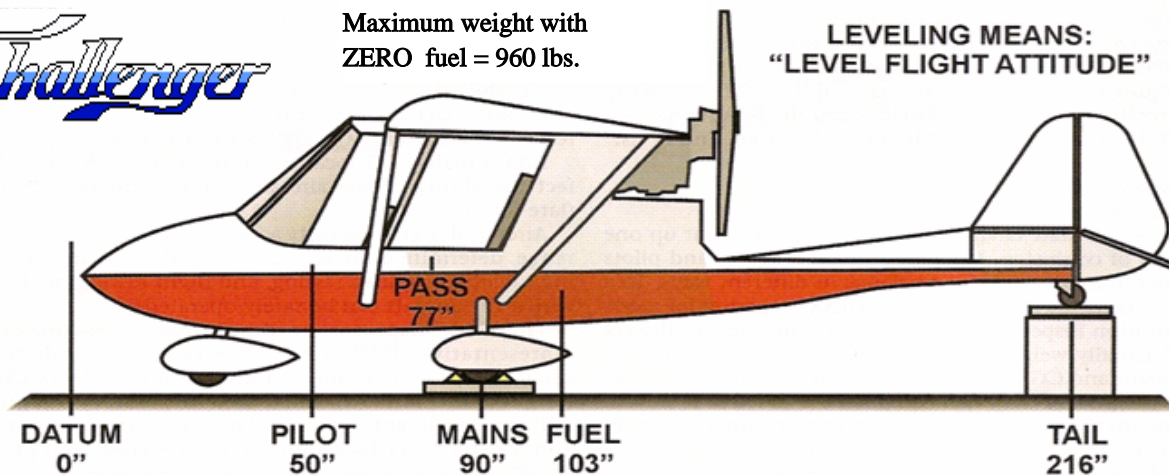


# Challenger

Maximum weight with  
ZERO fuel = 960 lbs.

LEVELING MEANS:  
"LEVEL FLIGHT ATTITUDE"



**W & B for Challenger XL-65 (582 Rotax) with wing tanks**  
**N - Number: \_\_\_\_\_ Serial Number: \_\_\_\_\_**

	WGT (LBS)	ARM (IN)	MOMENT (IN/LB)
LEFT WHEEL =	X	90	=
RIGHT WHEEL =	X	90	=
TAIL WHEEL =	X	216	=
TOTAL PLANE EMPTY =	<input type="text"/>	TOTAL EMPTY MOMENTS =	<input type="text"/>

PLANES EMPTY CTR OF GRAVITY =  INCHES FROM DATUM  
 (divide total empty moments by total empty weight)

NOTE: Empty weight does not include useable fuel. Aircraft must be weighted in a level flying attitude. Scale placed above blocking for tail wheel, or the weight of the blocking deducted from tailwheel weight if blocking is above scale

GALLONS OF GAS IN FUEL TANK =

PLANE WGT EMPTY =	<input type="text"/>	<input type="text"/>	<input type="text"/>
FRONT SEAT =	X	50	=
REAR SEAT =	X	77	=
FUEL (6 LB x US gallons) =	X	77	=
BAGGAGE =	X	103	=

PLANES GROSS WGT =  TOTAL MOMENTS =

**MAX ZERO FUEL WEIGHT 960 LB**  
**MAX GROSS WEIGHT 1060 LB**

CTR OF GRAVITY AT TAKE-OFF =  INCHES FROM DATUM  
 (Divide TOTAL MOMENTS by PLANES GROSS WEIGHT for center of Gravity at take-off)

**SAFE CTR OF GRAVITY RANGE AT TAKE-OFF IS 80" TO 90" FROM DATUM !**

**Quad City**  
**Ultralight Aircraft Corp.**