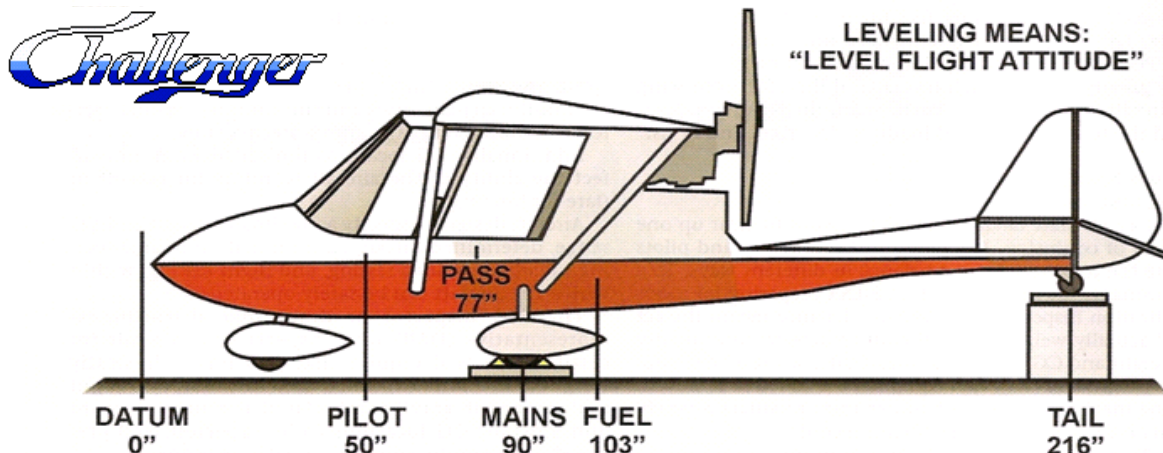




WEIGHT & BALANCE FOR ALL CHALLENGER II AIRCRAFT

(except XL-65 & XS-50 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 =			TOTAL EMPTY MOMENTS =		

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

PLANE WGT EMPTY =					
FRONT SEAT =	X		50	=	
REAR SEAT =	X		77	=	
FUEL (6 LB/GAL) =	X		103	=	
BAGGAGE =	X			=	

PLANES GROSS WGT =

TOTAL MOMENTS =

MAX ALLOWABLE GROSS WGT (CHALLENGER II STD) = 960

CTR OF GRAVITY AT TAKE-OFF = INCHES FROM DATUM
(Total moments divided by gross weight)

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

Quad City
Ultralight Aircraft Corp.