

Table of established Arms and Masses (Weights):

Designation	Unit of Measurement	Amount	Remarks
X _{O2}	Meter inch	+ 0.21 + 8.27	in factory-standard fitting location
m _{O2}	kg lbs.	4.4 9.70	O ₂ -bottle, 3 litres
X _T	Meter inch	- 1.73 - 68.1	Trim discs in front cockpit
X _{WW}	Meter inch	+ 0.24 ^{X)} + 9.45 ^{X)}	Wing water ballast distance from Datum
X _{WW}	Meter inch	variable ^{Y)} wet tanks	Wing water ballast distance from Datum
X _{WF}	Meter inch	variable ^{Z)}	Fuselage water ballast distance from Datum
X _B	Meter inch	+ 4.132 +162.67	Trim Ballast (Battery) in fin
m _B	kg lbs.	~ 1.8 * ~ 4.0 *	Optional Battery for Fin Position
X _I	Meter inch	- 0.98 -38.58	instrument mass arm in instrument panel
X _C	Meter inch	+ 0.175 + 6.89	baggage in baggage compartment
X _{HW}	Meter inch	+ 4.28 + 168.5	Ballast water inside the fin (tail) tank

X) Wing with soft water ballast bags !

Y) Varies relatively much for integrated tanks from:
 0.196 m (7.72 in.) for almost empty wing tanks leading to
 0.200 m (8.07 in.) for 80 litres water load to
 0.212 m (8.43 in.) for full tanks inside the wings

Z) Varies relatively much from:
 0.674 m (26.54 in.) for 10 litres to
 0.572 m (22.53 in.) for 20 litres to
 0.500 m (19.69 in.) for 30 litres

* The exact mass of the battery (see section 2.6) or the mass of the trim ballast has to be weighed!
 The max. permissible mass of **6 kg** (13.23 lbs.) in the fin must not be exceeded (see flutter calculation).