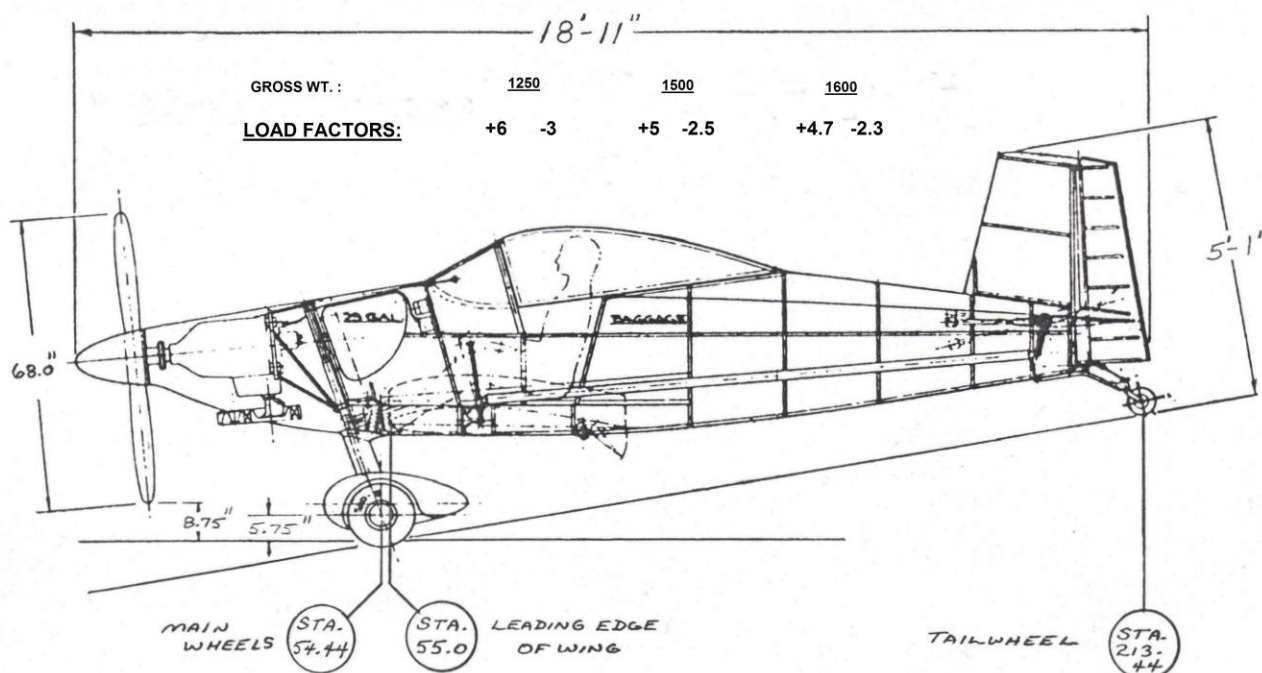


**WEIGHT and BALANCE    THORP T-18    N71JE    s/n 1171**

**DATE: 6/2/2006**



**Empty Wt: 968#   Rt. Main: 468#   Lft. Main: 458#   Tail: 42#**

ITEM	WEIGHT		STATION	MOMENT	% C
Main Wheels	926	x	54.44 =	50,422.4	
Tail Wheel	42	x	213.44 =	8,964.5	
<b>EMPTY CG</b>	968	x	61.35 =	59,386.9	<b>12.7</b>
Fuel (29 gals.)	174	x	50.0 =	8,700.0	
Pilot	180	x	85.5 =	15,390.0	
<b>MOST FORWARD</b>	1322	x	63.14 =	83,476.9	<b>16.3</b>
Passenger (+9# under seat)	170 + 9	x	85.5 =	15,304.5	
Baggage (+19# tools, etc.)	80 + 19	x	109.0 =	10,791.0	
<b>GROSS CG</b>	1600	x	68.5 =	109,572.4	<b>27.0</b>
Fuel (leave 5 gals.)	-144	x	50.0 =	-7,200.0	
<b>MOST AFT CG</b>	1456	x	70.3 =	102,372.4	<b>30.6</b>

**- 8 QTS. OF OIL INCLUDED IN EMPTY WT. -**

**FORWARD CG LIMIT: 15% CHORD (50.0")    AFT LIMIT: 32% CHORD**