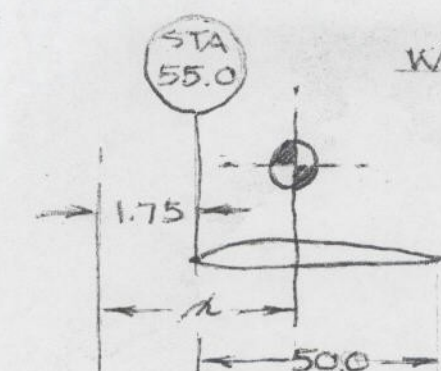


WEIGHT & BALANCE
THORP T-18 SERIAL # 02
N 18 JT (JOHN W. THORP)

WEIGHED BY: VAUGHN PARKER
FRED BARNES
JACK PARK



WEIGHED WITH OIL

LEFT 448.5
RIGHT 448.5

TAIL = 41 #

MAIN GEAR 897.0 #

$$\text{WEIGHT EMPTY (WITH OIL)} = 897 - 41 = 938 \#$$

$$\sum \text{MOMENTS} = 0 = 938 x - 161.06 \times 41$$

$$938 x = 6603.46$$

$$x = 7.04$$

$$\text{STATION} = 55.0 - 1.75 + x = 53.25 + 7.04$$

$$\text{STATION} = 60.29" \text{ (AS WEIGHED)}$$

$$\text{MOMENT} = 938 \times 60.29 = 56,552.0 \text{ (AS WEIGHED)}$$

PREPARED	Thorp	23 MAR 72	WEIGHT & BALANCE SERIAL # 02 THORP ENGINEERING CO.	MODEL
TRACED				T-18
CHECKED				E-130
APPROVED				63

[illegible]