

N516BW

516-001

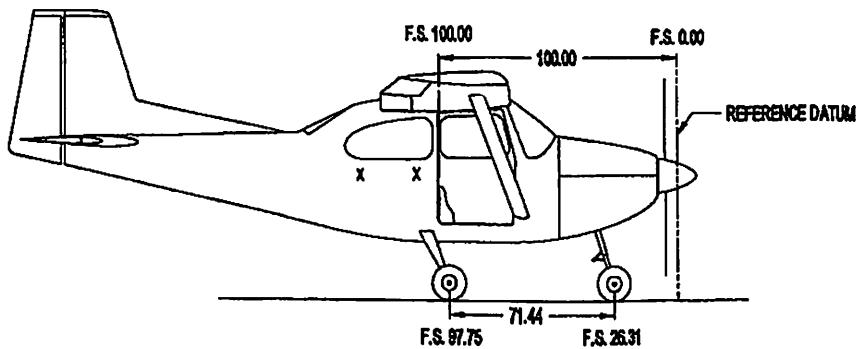
SECTION 6
WEIGHT, BALANCE & EQUIPMENT LIST

FIGURE 6-1

Note: Level against two protruding screw heads on right side of fuselage.

WEIGHING POSITION	SCALE READING	- TARE	= NET WEIGHT	x ARM	= MOMENT
LEFT MAIN	611.0	0	611.0	97.75	59725.25
RIGHT MAIN	629.0	0	629.0	97.75	61484.75
NOSE	371.0	0	371.0	26.31	9761.01
TOTAL AS WEIGHED	1611.0	0	1611.0	CG= 81.30	130971.01
CG = TOTAL MOMENT / TOTAL WEIGHT					

EMPTY WEIGHT		CG=	
ENGINE OIL (IF DRAINED)			
15 lbs @ FS 25, MOMENT = 375			
UNUSABLE FUEL		86.8	
BASIC EMPTY WT		CG=	

FIGURE 6-2
WEIGHT & BALANCE CALCULATION

Weight and Balance Record

The Weight and Balance Record is a continuous history of changes in structure and/or equipment affecting the weight and balance of the individual airplane. The record starts with the "as delivered" weight and balance data. It is the airplane owner's responsibility to maintain and record when changes in the weight or moments of the airplane are made so that accurate starting data is available to calculate the weight and CG during normal operation of the airplane. (See Figures 6-3 and 6-4)