

WEIGHT AND BALANCE

MAKE Zenith
MODEL STOL 750
SERIAL NUMBER 75-8974
GROSS WEIGHT 1440

N NUMBER 750YB
DATUM LOCATION MAC
CG RANGE 11.02 - 19.68

EMPTY WEIGHT CG

	WEIGHT	ARM	MOMENT
RIGHT WHEEL	285.0000	27.1875	7748.4375
LEFT WHEEL	285.0000	26.6250	7873.1250
NOSE WHEEL	219.8125	-29.7500	-6539.4219
TOTAL	789.8125		9082.1406
EMPTY WEIGHT CG		11.4990	

GROSS WEIGHT CG

	WEIGHT	ARM	MOMENT
AIRCRAFT	789.8125	11.4990	9082.1406
FUEL	180.0000	24.80	4464.0000
PILOT	190.0000	25.59	4862.1000
PASSENGER	190.0000	25.59	4862.1000
BAGGAGE	80.0000	45.28	3622.4000
TOTAL	1429.8125		26484.7406
GROSS WEIGHT CG		18.8	

MOST FORWARD CG

	WEIGHT	ARM	MOMENT
AIRCRAFT	789.8125	11.4990	9082.1406
FUEL	0		0
PILOT	190.0000	25.59	4862.1000
PASSENGER	0		0
BAGGAGE	0		0
TOTAL	979.8125		138944.3812
MOST FORWARD CG		14.2317	

MOST AFT CG

	WEIGHT	ARM	MOMENT
AIRCRAFT	789.8125	11.4990	9082.1406
FUEL	180.0000	24.80	4464.0000
PILOT	190.0000	25.59	4862.1000
PASSENGER	190.0000	25.59	4862.1000
BAGGAGE	80.0000	45.28	3622.4000
TOTAL	1429.8125		26484.7406
MOST AFT CG		18.8	

FIRST FLIGHT CG

	WEIGHT	ARM	MOMENT
AIRCRAFT	789.8125	11.4990	9082.1406
FUEL	60.000	24.80	1488.0000
PILOT	190.0000	25.59	4862.1000
PASSENGER	0		0
BAGGAGE	0		0
TOTAL	1039.8125		15432.2406
FIRST FLIGHT CG		14.8414	