



WEIGHED: \_\_\_\_\_ BY: \_\_\_\_\_

DATUM: FRONT FACE OF PROP FLANGE  
 MAC 40.75  
 LE MAC @ 50.66" AFT OF DATUM  
 LEVELING POINT: TOP LONGERONS, REAR COCKPIT

EMPTY WEIGHT:  
 LEFT MAIN: \_\_\_\_\_  
 RIGHT MAIN: \_\_\_\_\_  
 TAIL WHEEL: \_\_\_\_\_  
 TOTAL EMPTY WEIGHT: \_\_\_\_\_

EMPTY WEIGHT C.G.:  
 LM 42.000  
 RM 42.000  
 TW 226.000

EMPTY C.G. =  $o/b = \dots$  c" AFT OF DATUM  
 EMPTY WEIGHT C.G. =  $(c'' - 50.66'')/40.75'' = \dots$  % MAC  
 EWCC

MOST FORWARD LOADING:  
 WEIGHT Pt. WEIGHT ARM MOMENT  
 FUEL 120 51,000 6,120  
 PILOT 190 115,000 21,850

MOST FORWARD LOAD =  $d/e = \dots$  c" AFT OF DATUM  
 MOST FORWARD LOAD =  $(f'' - 50.66'')/40.75'' = \dots$  % MAC  
 MFCC

MOST REARWARD LOADING:  
 WEIGHT Pt. WEIGHT ARM MOMENT  
 FUEL 320 51,000 16,320  
 PASS 200 83,000 16,600  
 PILOT 290 115,000 23,900  
 BAGGAGE 40 143,000 5,720

MOST REARWARD LOAD =  $g/h = \dots$  c" AFT OF DATUM  
 MOST REARWARD LOAD =  $(j'' - 50.66'')/40.75'' = \dots$  % MAC  
 MRCG

PERFORMANCE:  
 239 MPH NEVER EXCEED SPD.  
 175 MPH 70% CRUISE SPD.  
 165 MPH MAX MANEUVERING SPD.  
 65 MPH STALL SPEED  
 525 MILE RANGE W/ RESERVE  
 54 GAL. FUEL CAPACITY  
 3000+ FPM RATE OF CLIMB  
 300+ DEG./SEC. ROLL RATE

SPECIFICATIONS:  
 LENGTH - 19 FT. 8 IN.  
 HEIGHT - 8 FT. 9 IN.  
 SPAN - UPPER 22 FT.  
 SPAN - LOWER 21 FT.  
 AREA - TOTAL 150 SQ. FT.  
 WING LOADING 15.33PSF  
 GROSS WEIGHT 2250 LBS.  
 EMPTY WEIGHT 1450 LBS.

Model 12, Incorporated  
 P. O. BOX 849  
 ELLENDALE, PA. 22789  
 FITTS MODEL 12  
 WEIGHT AND BAL DIAGRAM  
 HIGH PERF. PITTS MODEL 12  
 12-102HP