



DATE: 1/19/24
MODEL: A-22 LS
SERIAL: 049
REGISTRATION: N678DK

WEIGHT AND BALANCE

PREPARED BY HENDRICKS FIELD AVIATION; REFER TO WO_24002.

Justin Smith

JUSTIN SMITH AP3888851

ITEM	SCALE WEIGHT (lbs)	TARE (lbs)
FRONT LEFT WHEEL	96.0	
FRONT RIGHT WHEEL	90.0	
REAR LEFT WHEEL	352.0	
REAR RIGHT WHEEL	367.0	

NET WEIGHT (lbs)	ARM (in)	MOMENT (in-lbs)
96.0	X -24.5	= -2352
90.0	X -24.5	= -2205
352.0	X 81.75	= 28776
367.0	X 81.75	= 30002
TOTAL 905.0 lbs		54221 in-lbs

EMPTY C.G. = TOTAL MOMENT / TOTAL WEIGHT =

59.9 in.

ITEM	ARM (in)	WEIGHT (lbs)	MOMENT (in-lbs)
EMPTY AIRCRAFT	59.9	X	=
PILOT	63.0	X	=
PASSENGER	63.0	X	=
FUEL	78.8	X	=
CARGO	90.5	X	=
TOTAL		lbs	in-lbs

LOADED C.G. = TOTAL MOMENT/TOTAL WEIGHT =

in.

C.G. LOCATION MUST BE BETWEEN 57.875 IN. AND 70.075 IN.

GROSS WEIGHT = 1430 LBS.