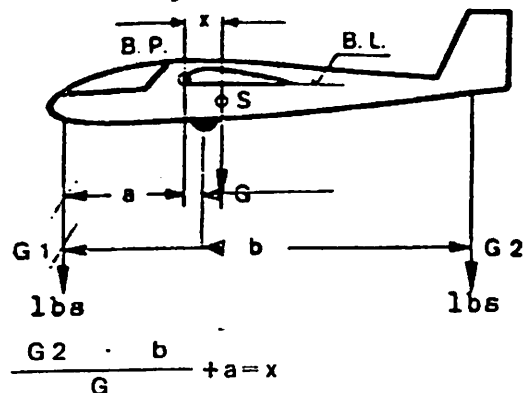


# REVISED WEIGHT AND BALANCE REPORT MAY 5.-2017

**A. Techn. Data** 1. Datum Point : wing leading edge 50 mm off root edge  
 2. Horizontal Datum Line: slope of rear top edge of fuselage 1000:40 according to Data Sheet

## B. Balance and Empty Weight Center of Gravity:



Empty Weight C.G. \_\_\_\_\_

$$\frac{22,5 \cdot 162,4}{537,8} + 21,1 = \underline{28,5} \text{ inch}$$

Center of gravity positions:

$X_v$  = foremost,  $X_h$  = rearmost limit

With an empty weight of: 543 LBS  
 $X_v = \underline{678} \text{ mm}$   $X_h = \underline{716} \text{ mm}$  both o. dat.

Number of occupants: 1

| Individual weights     |                | lbs  | Non lift producing members lbs |
|------------------------|----------------|------|--------------------------------|
| ASK23                  | NI9RT SN 23022 |      |                                |
| right wing             |                | 140  |                                |
| left wing              |                | 142  |                                |
| fuselage               |                | 230  | 230                            |
| elevator               | *              | 25,1 | 25,1                           |
| rudder                 | *              | 3,8  | 3,8                            |
| aircraft equipment:    |                |      |                                |
| instruments            | *              | 6,6  | 6,6                            |
| safety belts           | *              | 2,4  | 2,4                            |
| RADIO                  | *              | 1,3  |                                |
| BATTERY                | *              | 8,0  |                                |
| * INCLUDED IN FUSE WT. |                |      |                                |

Empty weight 543 lbs 257,0

## C. Type Certification Data

Empty weight: 543 lbs

Maximum permitted payload: 296 lbs

Maximum permitted all up weight: 838 lbs

Weight of non lift producing members: 556,9 lbs (including payload)