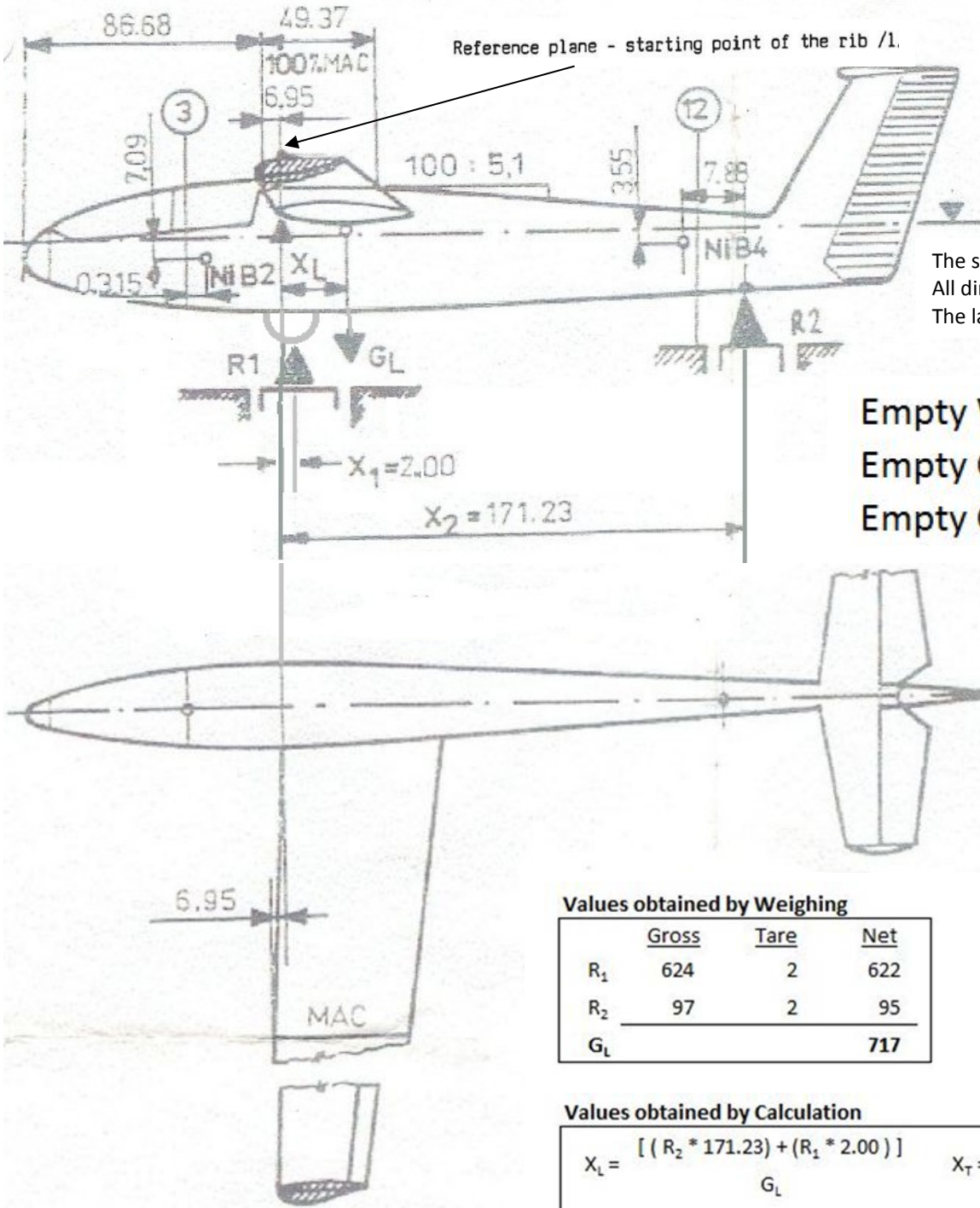


L-23 Super – Blanik
Serial Number: 928009 Registration: N809S
Mass and Balance Record



The sailplane weighed on supports
 All dimensions are in inches
 The landing gear extended

Empty Weight = 717 Lbs
Empty CG = 23.86 Ins
Empty CG = 62% MAC

Values obtained by Weighing

	<u>Gross</u>	<u>Tare</u>	<u>Net</u>
R ₁	624	2	622
R ₂	97	2	95
G _L			717

Values obtained by Calculation

$X_L = \frac{[(R_2 * 171.23) + (R_1 * 2.00)]}{G_L}$	$X_T = \frac{[(X_L + 6.95) * 100 \%]}{49.37}$
X_L = 23.86 In	X_T = 62% % MAC

The centre-of-gravity position of the empty sailplane calculated in Part B meets the sailplane specifications, and makes it possible to achieve the required operational (flight) centre-of-gravity range from 23 to 40% MAC. The centre-of-gravity position should be calculated as shown in the Flight Manual of the L-23 sailplane SUPER-BLANIK.

L-23 Super – Blanik

Serial Number: 928009 Registration: N809S

Equipment List

Weight and Balance Measurements dated: _____ by _____

	<u>Front Inst Pannel</u>	<u>Rear Inst Pannel</u>
Altimeter -----	X	X
Airspeed Indicator -----	X	X
Vertical Speed Indicator -----	X	X
Magnetic Compass -----	X	X
Audio Vario -----	X	-----
MicroAire 760 Radio -----	X	-----
Battery installed in holder behind second pilot seat		
<i>Refer to Sailplane Flight Manual for additional details</i>		

Equipment Installed or Removed

	Subject	Type	Mass(lbs)	Arm from the reference plane (rib No. 1) ft	Date of installation/removal
1					
2					
3					
4					
5					

Revised Mass and Balance -----

Date: _____

Reason for change _____

	<u>Prior</u>	<u>Change</u>	<u>Revised</u>
Empty Weight	_____	_____	_____
Empty CG relative to reference	_____	_____	_____
E:empty CG relative to MAC	_____	_____	_____
A&P signature	_____		

Date: _____

Reason for change _____

	<u>Prior</u>	<u>Change</u>	<u>Revised</u>
Empty Weight	_____	_____	_____
Empty CG relative to reference	_____	_____	_____
E:empty CG relative to MAC	_____	_____	_____
A&P signature	_____		