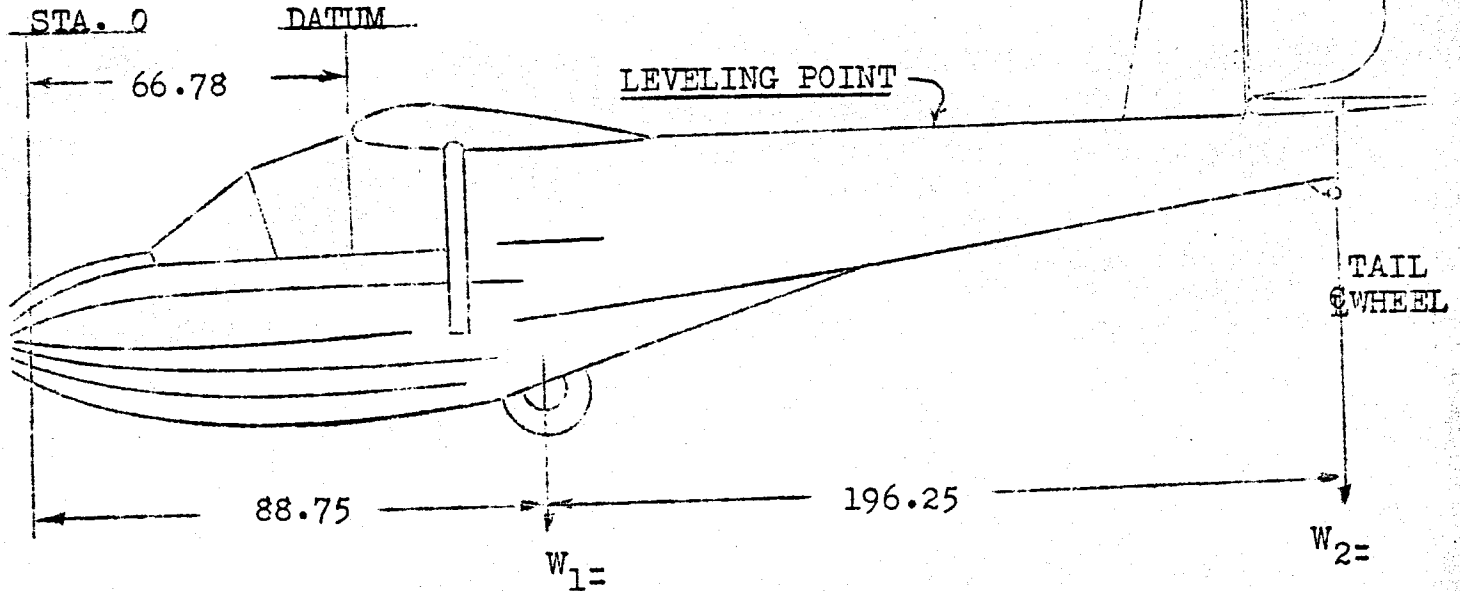


Wt. & Bal. SGU 2-22 Mfg. Ser. No. _____
(SGU 2-22A,B,C,CK,E & EK) Reg. No. _____



Empty Wt. = $W_1 + W_2 =$ _____

C.G. Sta. Empty = $\frac{W_2(196.25)}{W_1 + W_2} + 88.75 =$ _____ $\div 88.75 =$ Sta. _____

SHIP AS WEIGHED INCLUDES:

REQUIRED EQUIPMENT	WEIGHT	ARM	MOMENT
Cleveland Wheel & Brake with Goodyear Tire, S/N 74 & up	16.50	88.75	1,464
Airspeed Indicator (Ref.: Glider Spec. G18)	.25	22.78	5
OPTIONAL OR SPECIAL EQUIPMENT (Ref. Form F-476B)			

NOTES:

Fw'd Pilot C.G. at Sta. 43.80
Aft Pilot C.G. at Sta. 74.73
C.G. Limits Sta. 78.2 to 86.1
11.4 to 19.3 Aft Datum (L.E. Wing)

Wt. & Bal. by: _____
Date: _____
Checked By: _____
Date: _____

SCHWEIZER AIRCRAFT CORPORATION
ELMIRA, NEW YORK

WT. & BAL. SGU 2-22
(SGU 2-22A, B, C, CK, E, EK)

Ser. No. _____

Reg. No. _____

Min. Wt. Pilot Solo (Fwd. Seat)

$$\text{Pilot Wt.} = \frac{\text{Empty Wt. (C.G. Empty - 86.1)}}{42.30} = \frac{(\text{ } - 86.10)}{42.30} =$$

$$\frac{x}{42.30}$$

Min. Aft Pilot Wt. (100# Fwd. Pilot)

$$\text{Pilot Wt.} = \frac{\text{Empty Wt. (C.G. Empty - 86.1)} - 372}{11.37} =$$

$$\frac{(\text{ } - 86.10) - 372}{11.37} = \frac{x - 372}{11.37} =$$

Max. Aft Pilot Wt. (220# Fwd. Pilot)

USE LOWER WT. FROM STEP 1 or 2 for MAX. PILOT WT.

$$\text{Step \#1: Pilot Wt.} = \frac{\text{Empty Wt. (C.G. Empty - 78.2)} - 7568.0}{3.47} =$$

$$\frac{x (\text{ } - 78.2) - 7568.0}{3.47} = \frac{(\text{ } x \text{ }) - 7568.0}{3.47} =$$

$$\text{Step \#2: Pilot Wt.} = *900 - (\text{Empty Wt.} \div 220) = 900 - (\text{ } \div 220) =$$

* Maximum Gross Weight is 900 lbs.

Wt. & Bal. By: _____ Checked By: _____

Date: _____ Date: _____

EQUIPMENT LIST
SGU 2-22A,B,C,CK,E & EK

The following items are required equipment or available and approved as special or optional equipment on listed Models.

<u>REQUIRED EQUIPMENT</u>	<u>WEIGHT</u>	<u>ARM</u>	<u>MOMENT</u>
1. Goodyear Wheel, Tire & Brake #52 thru #73	16.50	88.75	1,464
2. Cleveland Wheel & Brake with Goodyear Tire #74 and up	16.50	88.75	1,464
3. Airspeed Indicator	Neg. Wt.	22.78	- - -
<u>OPTIONAL OR SPECIAL EQUIPMENT</u>			
1. Robinson Rate of Climb (Variometer)	Neg. Wt.	22.78	- - -
2. Cosim Variometer	1.50	14.11	22
3. Sensitive Altimeter	1.25	22.78	28
4. Turn & Bank Indicator with 4.5 V. Battery (Friebe 4.5 V. Elect.)	1.50	22.78	34
5. Rate of Climb with Tank	1.00	22.78	22
6. B-21 Standby Compass	1.00	22.78	22
7. Clock	Neg. Wt.	22.78	- - -
8. Air Vent (Schweizer Dwg. #22B-320)	1.25	20.00	25
9. Fiberglass Wheel Cover (Dwg. #22G-212)	Neg. Wt.	88.75	- - -
10. (a) Allen Turn & Bank Ind. (12 v.)	1.6	22.78	36
(b) (12 v.) B. & T. Power Supply (Dwg. #22D-931)	3.5	97.50	341
11. Cosim Total Energy Head w/Water Trap (Dwg. 22D-935)	.4	10.00	4
12. Safety Cushions (Dwg. 22D-319)			
(a) Front Seat	4.25	44.00	187
(b) Rear Seat	4.25	75.00	319
13. Wing-Tip Wheels @ 3.5 lbs. (Wing-Tip Skids, Wood @ 1.5# = 3.0#-Ref.)	7.00	87.00	609
14. Skycrafter Radio (TRV-122)	13.50	18.00	243
15. B.E.I. Radio (#990): Transeiver	3.50	20.00	70
Battery & Mount	3.50	25.50	89