

**Weight and Balance Report with wheels Installed**

Christen A-1 Husky (Aviat Aviation, Inc) N2881P Serial #1011 May 20, 2020

<u>Item</u>	<u>Weight</u>	<u>Arm</u>	<u>Moment</u>
Airplane as weighed by Christen Industries 6/12/1987	1226.0		88965.2
This weight includes 2 Gallons Oil, 2 Gallons Unusable Fuel and equipment listed in actual Weight and Balance Equipment List dated June 22, 1987 pages 8 and 9.			
Turn Coordinator	1.2	48.00	57.6
Rate of Climb	.7	48.00	33.6
TOST Tow Release Installation	8.6	145.90	1254.8
Remove: KT 76A Transponder with Altitude Encoder	-6.0	51.00	-306.0
Install: Stratus ESG and WAAS GPS Antenna + Altitude Encoder	4.8	51.00	244.8
PS Engineering PM 1000II Intercom	1.0	48.00	48.0
<b>New Empty Weight</b>	<b>1236.3</b>		<b>90298.0</b>
New Empty Weight CG	73.04" aft of Datum		
Datum is located 60.0 inches forward of the wing leading edge (Fuselage Station FS 0.00)			
Maximum Gross Weight	1800.0 Lbs		
Useful Load	563.7 Lbs		
CG Limits – See CG Envelope in Airplane Flight Manual Section V: Loading Information, Page 7			

**Weight and Balance Report with Federal Fluidyne A-2000-A Skis installed**

Christen A-1 Husky (Aviat Aviation, Inc) N2881P Serial #1011 May 20, 2020

<u>Item</u>	<u>Weight</u>	<u>Arm</u>	<u>Moment</u>
Airplane as weighed by Christen Industries 6/12/1987	1226.0		88965.2
This weight includes 2 Gallons Oil, 2 Gallons Unusable Fuel and equipment listed in actual Weight and Balance Equipment List dated June 22, 1987 pages 8 and 9.			
Turn Coordinator	1.2	48.00	57.6
Rate of Climb	.7	48.00	33.6
TOST Tow Release Installation	8.6	145.90	1254.8
Remove: KT 76A Transponder with Altitude Encoder	-6.0	51.00	-306.0
Install: Stratus ESG and WAAS GPS Antenna + Altitude Encoder	4.8	51.00	244.8
PS Engineering PM 1000II Intercom	1.0	48.00	48.0
Remove Wheels (19.3# each wheel)	-38.6	61.50	-2373.9
Install Federal Fluidyne A-2000-A Skis	48.8	56.50	2757.2
<b>New Empty Weight</b>	<b>1246.5</b>		<b>90681.3</b>
New Empty Weight CG	72.75" aft of Datum		
Datum is located 60.0 inches forward of the wing leading edge (Fuselage Station FS 0.00)			
Maximum Gross Weight	1800.00 Lbs		
Useful Load with Skis installed	553.5 Lbs		
CG Limits – See CG Envelope in Airplane Flight Manual Section V: Loading Information, Page 7			

