

INTER PROVINCIAL AIR SERVICES Ltd.  
Windsor Ontario.

CORRECTED  
AIRCRAFT WEIGHT & BALANCE REPORT  
Piper J30-65 CF-DEK

103

The aircraft was weighed on May 1st., 1950, inside the closed hangar at Windsor Airport, on scales which are the property of Trans Canada Air Lines.

The measurements used are as measured with the aircraft in level flight position the leveling means — the top longeron on the left hand side of the cockpit.

The Fuel and Oil tanks were full and the fuel was at a temperature of  $\pm 10^{\circ}\text{C}$  ( $9/5^{\circ}\text{C} \pm 32$ ) or  $50^{\circ}\text{F}$ .

With the aircraft in level flight position the following weights were taken:

ITEM	Scale Reading	Tare	Net Weight	Arm in inches	Positive Moment	Negative Moment
Left Main Wheel	361	0	361 $\pm$	.875	315.875	
Right Main Wheel	390	0	390 $\pm$	.875	341.250	
Tail Wheel at 2	73.5	26	47.5 $\pm$	199.75	9486.125	
<b>SUB TOTAL AND MOMENT AS WEIGHED</b>	<b>824.5</b>	<b>26</b>	<b>798.5 <math>\pm</math></b>	<b>12.7</b>	<b>10145.250</b>	
<b>LESS:</b>						
Gasoline — 10 Imp. Gals. @ 7.2			72. -	18.	1296.	
Oil — 1 Imp. Gal. @ 9.			9. -	29	261.	
Radio Receiver			2. $\pm$	23.5		47.0
Radio Dry Battery Pack			2.25 $\pm$	51.		114.75
<b>WEIGHT EMPTY AND MOMENT</b>			<b>713.25 <math>\pm</math></b>	<b>16.2</b>	<b>11540.5</b>	

As stated in C.A.A. Specification A-691, the approved C. G. Range, weight empty for this type of aircraft is from plus 8.5 to plus 20.3 inches aft of the datum. The datum used is the Wing Leading Edge.

Prepared by

*W. D. ...*

for and on behalf of  
Inter Provincial Air Services Limited.

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