



MAC AVIONICS INC.  
FAA.CRS# UM4R575M  
3240 Airfield Drive East  
Lakeland, Florida 33811  
(863) 646-8790

WEIGHT & BALANCE

AIRCRAFT TYPE: Commander 114A  
AIRCRAFT SERIAL NO: 14502  
AIRCRAFT REGISTRATION NO: N5887N  
DATE: 12/22/06

<u>ITEM</u>	<u>WEIGHT</u>	<u>ARM</u>	<u>MOMENT</u>
Aircraft:	2117.0	101.06	213954.2
Removed: Collins VHP-251 Comm	-3.77	74.3	-280.11
VIR-351 Nav	-3.23	74.8	-241.6
IND-351 Indicator	-1.13	78.6	-88.82
GLS-350 GS Receiver	-1.85	195.0	-360.75
Installed: Garmin GNS-530 Com/Nav/GS/GPS	7.5	76.0	570.0
GT-106A Indicator	1.2	78.0	93.6
GA-56 GPS Antenna	.5	89.0	44.5
	<u>2115.72</u>	<u>101.00</u>	<u>213691.02</u>

NEW AIRCRAFT EMPTY WEIGHT 2115.72  
NEW AIRCRAFT USEFUL LOAD 1144.28

AIRCRAFT GROSS WEIGHT 3260.0  
NEW AIRCRAFT EMPTY C.G. 101.0

PREPARED BY Jeff Mc Donald

CERTIFICATE NO: UM4R575M