

# KINGS AVIONICS, INC.

New Century Air Center  
 280 Gardner Drive Ste. 3  
 New Century, KS 66031-1104

## MINOR ALTERATION WEIGHT & BALANCE AND INSTALLED EQUIPMENT DATA

DATE	MAKE AND MODEL	REGISTRATION NUMBER	SERIAL NUMBER
7/1/2014	Cessna 177RG	N76177	177RG0817

Owner: IAL Corp.

ITEM	WEIGHT	ARM	MOMENT
Aircraft Empty Weight:	1873.00	103.17	193239.50
Removed:			
Audio Panel	-1.90	69.30	-131.67
MX-300	-6.00	68.00	-408.00
Glideslope Receiver	-2.40	211.70	-508.08
Maker Receiver	-0.70	204.60	-143.22
Transponder	-2.70	68.50	-184.95
ADF	-3.20	69.50	-222.40
ADF Indicator	-2.30	69.50	-159.85
KNI-520	-1.80	69.00	-124.20
CDI	-1.00	69.00	-69.00
Directional Gyro	-3.40	72.00	-244.80
Attitude Gyro	-2.50	71.90	-179.75
KLN-94	-3.00	68.50	-205.50
PC-4 Intercom	-0.50	69.00	-34.50
Glove Box	-1.00	68.00	-68.00
Clock	-0.30	73.60	-22.08
EGT	-0.40	74.00	-29.60
Installed:			
GMA-340	1.70	69.00	117.30
GNS-430	6.20	68.00	421.60
GTX-327	3.00	69.00	207.00
Attitude Gyro	2.30	70.00	161.00
KA-51B	0.20	73.60	14.72
Davtron Clock	0.25	73.60	18.40
EDM-700	1.00	72.00	72.00
KA-57	0.40	69.00	27.60
Cooling Fan	1.00	69.00	69.00
Dimmer Control	0.50	73.60	36.80
KI-525A	3.94	72.00	283.68
KMT-112A	0.30	134.00	40.20
KG-102A	4.30	202.00	868.60
JPI Temp Probes	1.00	378.00	37.00
	1865.99		192878.80

Gross Weight: 2800  
 Empty Weight: 1865.99  
 Useful Load: 934.01  
 C. G. (arm) 103.36

Signature of Authorized Individual



2347550

KINGS AVIONICS, INC.

Repair #TE2B49E1