

Weight and Balance For N170WS

1950 Cessna 170A

Serial # 19490

May 17, 2014

Item	Weight	Arm	Moment
EI EGT/CHT gauge	.4 lb	19 in	8
EI Volt / Amp gauge	.6 lb	16.5 in	10
Garmin GNS-430	6.6 lb	13.6 in	89.1
King 170B - REMOVED 07-16-2014	7.1 lb	12 in	85
Sigtronics SPA 400	1 lb	15 in	15
King KI-206	1.3 lb	14 in	18.2
Narco AT-50	2.8 lb	12 in	34
Narco Encoder A-850	.7 lb	2.5 in	9
EI SC-5 Clock	.75 lb	15 in	11.25
Martech Eagle ELT	3.8 lb	93 in	353
ARC-31640 Nav head - REMOVED 07-16-2014 LHA	.9 lb	15 in	116
King KMA-20 audio panel	2.6 lb	21.5 in	60
EDO directional gyro	2.8 lb	15 in	36
EDO attitude gyro	2.5 lb	14.5 in	36
UMA 2-1/4 man pressure	.2 lb	4 in	1
ARI-107 carb ice detector	.6 lb	2 in	1
Whelan A-490 strobes	3.7 lb	44.5 in	165
BAS inertial reels	3 lb	60 in	180
Scott 3200 tail wheel	8 lb	249 in	1992
9 inch Venturi	5 lb	17 in	85
1 inch vacuum gauge	.4 lb	15 in	6
Airborne 1J71 filter	1.2 lb	7.5 in	9
Heated Pitot	1 lb	12 in	12
Aeroflash beacon supply	.6 lb	111 in	67
Aeroflash beacon Top	.3 lb	102 in	31
Aeroflash beacon bottom	.4 lb	62 in	24
Cessna speed fairings	6 lb	21 in	125
Cessna oil filter	4.5 lb	-7 in	-31
Datcon hour meter	.5 lb	15 in	7
Grimes A-1425 post lights	1 lb	33 in	33
Cessna sun visor	2.4 lb	35 in	84
Grimes ceiling lights	3.1 lb	49 in	152
P-Ponk main gear kit	2.2 lb	23 in	51
Cabin sound proofing	19.5 lb	53 in	1032

ADDED KING MAC 1700 5.4 lb 12 IN
 ON 07-16-2014 KING KI-201C 2.8 lb 15 IN

Revised A&P 3281768 JA

Item	Weight	Arm	Moment
Rear shoulder harness	1.5 lb	30 in	120
Seat track stop kit	.4 lb	55 in	22
Landing lights	2 lb	32 in	64
Two 12 volt power sockets	.2 lb	27 in	5.4
AV-529 comm antenna	.5 lb	46 in	21
AV-526 comm antenna	.5 lb	46 in	21
STS loran antenna	.7 lb	95 in	67
Narco transponder ant.	.4 lb	10 in	4
Marker beacon antenna	.8 lb	91.5 in	73
Narco VCR antenna	.8 lb	218 in	174
<i>LI</i> <i>ET FUEL FLOW</i>	<i>.7 lb</i>	<i>19 in</i>	
A/C empty weight	1337.25 lb	38.48 in.	51458.35

Maximum gross weight 2200 lb.

Useful load 799 lb

Aircraft was drained of fuel and weighed. 19 lbs of fuel weight was added at +46 arm for unusable fuel.

This report supersedes the report dated January 07, 2014



Lee Allen 3281768 A&P