**Revised weight and balance (calculated) N5546W Pa28-160 SN 28-637**

**Tach 3331 Hobbs**

**Certified GW 2200**

**previous**

**Previous useful load = 946.0 Prior weight and balance dated 2 October 1990**

**weight arm moment**

**Aircraft empty 1253.94 87.3 109482**

**Items added**

Hobbs meter .2 67 13.4

GPS garmin 155 XL 2.75 67 184.3

GMA 340 1.7 67 113.9

USB port .1 67 6.7

KI209A nav indicator 1.2 67 80.4

Narco AT150 transponder 2.3 67 154.1

ADS-B tail beacon .15 281 42.2

Champion Filter STC .6 20.1 12.1

ADS-B in bracket .2 74 14.8

Shoulder harness 3.0 89.0 267

Garmin GPS antenna .5 130 65

TOTAL ADDED +12.1 1041

**Items removed**

Narco 890 DME - 3.9 67 -261.3

King KT 76 transponder - 3.1 67 -207.7

Fram Air filter - .9 20.1 -18.1

DME antenna - 1.3 135 -175.5

Navigation light and bracket - .12 281 -33.72

TOTAL REMOVED -9.3 696.3

Net change +2.8 344.7

Old figures 1253.9 109482

NEW FIGURES 1256.7 87.4 109826.7

109826.7 divided by 1256.7 = 87.4 CG

New empty weight of 5546W is 1256.7# leaving a NEW useful load of 943.3 pounds At 87.4 CG.

P. Douglas Combs A&P 2448624