**3/31/2022 Revised weight and balance (calculated) N5720W PA28-160 SN 28-1231**

 **Tach 728.6 Hobbs 274.3 Airframe TT 4561 hours**

**Supercedes prior weight and balance**

 **weight arm moment**

previous Aircraft empty 1253.94 87.3 109482

**Items added**

Hobbs meter/switch .2 67 13.4

GPS garmin 155 XL 2.75 67 184

GMA 340 1.2 67 80

USB port .1 67 6.7

KI209A nav indicator 1.2 67 80.4

Narco AT150 transponder 2.3 67 154.1

Transcal encoder .5 60 30

ADS-B wing beacon .15 281 42.2

ADS-B in bracket .2 74 14.8

Shoulder harness 3.0 89.0 267

Garmin GPS antenna .5 130 65

**TOTAL ADDED +13.45 937.6**

**Items removed**

Collins Radios -9.0 67 -603

Collins Marker receiver -3.4 60 -204

Collins CDI -1.0 67 -67

Garmin portable mount -.5 67 -33.5

Loran Harness and connectors -1.5 67 -150.8

Narco 850 encoder -.9 67 -60.3

Narco transponder - 2.4 67 -160.8

DME antenna -0.7 120 -84

Excess wiring & cables - 1.3 135 -175.5

Navigation light and bracket -.12 281 -33.72

**TOTAL REMOVED -20.92 -1572.62**

Net change -7.47 -635.02

NEW FIGURES **1246.4** 87.33 **108847**

**108847 divided by 1246.4 = 87.33 Empty weight CG**

**Certified GW 2200**

New **empty weight of 5720W is 1246.4**# leaving a NEW useful load of **953.6 pounds at 87.33 CG**.

P. Douglas Combs A&P 2448624