在加载农药的情况下，不同姿态角全机重量重心随农药消耗的数据见下表，中间重量需插值。

最大起飞重量850kg，为方便插值，将最大重量写到了897。

空载重心为：

|  |  |  |  |
| --- | --- | --- | --- |
| 427.844 | 2231.707 | 45.0723 | 29.43% |

满载农药滑跑重心为

|  |  |  |  |
| --- | --- | --- | --- |
| 850 | 2250 | -90.0027 | 31.64% |

满载化肥滑跑重心为

|  |  |  |  |
| --- | --- | --- | --- |
| 856.244 | 2211.841 | -34.0152 | 27.46% |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 姿态 | 重量 | 重心X | 重心Z | 重心MAC |
| -5 | 897.144 | 2197.335 | -93.5882 | 26.02% |
| -5 | 786.944 | 2197.16 | -99.1585 | 26.01% |
| -5 | 676.744 | 2197.242 | -90.3012 | 26.02% |
| -5 | 568.444 | 2200.12 | -59.3239 | 26.30% |
| -5 | 475.344 | 2215.548 | -3.2999 | 27.83% |
| -5 | 427.844 | 2231.707 | 45.0723 | 29.43% |
| 0 | 881.944 | 2267.385 | -88.8351 | 32.97% |
| 0 | 769.844 | 2279.371 | -91.3433 | 34.15% |
| 0 | 660.594 | 2289.241 | -79.6796 | 35.13% |
| 0 | 563.694 | 2287.93 | -51.1039 | 35.00% |
| 0 | 488.644 | 2268.698 | -10.3062 | 33.10% |
| 0 | 427.844 | 2231.707 | 45.0723 | 29.43% |
| 5 | 873.394 | 2232.367 | -95.7622 | 29.50% |
| 5 | 763.194 | 2237.987 | -98.6444 | 30.05% |
| 5 | 652.044 | 2245.218 | -85.6125 | 30.77% |
| 5 | 546.594 | 2251.106 | -49.4491 | 31.35% |
| 5 | 462.044 | 2242.239 | 8.131505 | 30.47% |
| 5 | 427.844 | 2231.707 | 45.0723 | 29.43% |
| 10 | 932.294 | 2245.393 | -87.5326 | 30.79% |
| 10 | 824.944 | 2253.991 | -96.0027 | 31.64% |
| 10 | 712.844 | 2263.409 | -92.4902 | 32.57% |
| 10 | 604.544 | 2271.251 | -70.1097 | 33.35% |
| 10 | 512.394 | 2266.572 | -28.0389 | 32.89% |
| 10 | 448.744 | 2241.688 | 21.36254 | 30.42% |
| 10 | 427.844 | 2231.707 | 45.0723 | 29.43% |
| 15 | 881.944 | 2267.385 | -88.8351 | 32.97% |
| 15 | 769.844 | 2279.371 | -91.3433 | 34.15% |
| 15 | 660.594 | 2289.241 | -79.6796 | 35.13% |
| 15 | 563.694 | 2287.93 | -51.1039 | 35.00% |
| 15 | 488.644 | 2268.698 | -10.3062 | 33.10% |
| 15 | 427.844 | 2231.707 | 45.0723 | 29.43% |

在加载化肥/种子的情况下，不同姿态角全机重量重心随农药消耗的数据见下表，中间重量需插值。

最大起飞重量850kg。

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 姿态 | 重量 | 重心X | 重心Z | 重心MAC |
| -5 | 856.244 | 2211.841 | -34.0152 | 27.46% |
| -5 | 847.244 | 2207.101 | -37.1363 | 26.99% |
| -5 | 820.844 | 2204.557 | -46.4084 | 26.74% |
| -5 | 784.244 | 2205.028 | -55.3941 | 26.79% |
| -5 | 724.244 | 2204.816 | -63.4097 | 26.77% |
| -5 | 654.644 | 2205.478 | -64.4303 | 26.83% |
| -5 | 585.044 | 2206.528 | -53.8279 | 26.94% |
| -5 | 516.644 | 2209.757 | -27.4729 | 27.26% |
| -5 | 457.844 | 2221.111 | 13.3537 | 28.38% |
| -5 | 427.844 | 2231.707 | 45.0723 | 29.43% |
| 0 | 856.244 | 2211.841 | -34.0152 | 27.46% |
| 0 | 831.644 | 2226.994 | -41.8752 | 28.96% |
| 0 | 807.044 | 2239.832 | -47.5247 | 30.24% |
| 0 | 771.044 | 2250.087 | -54.2196 | 31.25% |
| 0 | 714.644 | 2259.516 | -59.2996 | 32.19% |
| 0 | 643.844 | 2267.702 | -57.9458 | 33.00% |
| 0 | 574.844 | 2273.464 | -45.4716 | 33.57% |
| 0 | 513.644 | 2270.677 | -21.5894 | 33.29% |
| 0 | 466.244 | 2256.192 | 8.416007 | 31.86% |
| 0 | 427.844 | 2231.707 | 45.0723 | 29.43% |
| 5 | 856.244 | 2211.841 | -34.0152 | 27.46% |
| 5 | 842.444 | 2218.071 | -39.1191 | 28.08% |
| 5 | 810.644 | 2223.345 | -48.9331 | 28.60% |
| 5 | 772.244 | 2227.824 | -57.5337 | 29.05% |
| 5 | 709.244 | 2232.22 | -64.4623 | 29.48% |
| 5 | 639.644 | 2236.44 | -63.2284 | 29.90% |
| 5 | 569.444 | 2241.478 | -49.4378 | 30.40% |
| 5 | 502.844 | 2245.025 | -19.8194 | 30.75% |
| 5 | 449.444 | 2238.545 | 21.08719 | 30.11% |
| 5 | 427.844 | 2231.707 | 45.0723 | 29.43% |
| 10 | 856.244 | 2211.841 | -34.0152 | 27.46% |
| 10 | 826.244 | 2227.991 | -43.6841 | 29.06% |
| 10 | 792.644 | 2235.524 | -52.0699 | 29.81% |
| 10 | 746.444 | 2242.503 | -59.5304 | 30.50% |
| 10 | 678.644 | 2248.815 | -63.2356 | 31.13% |
| 10 | 607.844 | 2255.188 | -56.8174 | 31.76% |
| 10 | 539.444 | 2259.696 | -36.4533 | 32.20% |
| 10 | 481.244 | 2255.153 | -4.09208 | 31.75% |
| 10 | 441.044 | 2238.121 | 29.83628 | 30.07% |
| 10 | 427.844 | 2231.707 | 45.0723 | 29.43% |
| 15 | 856.244 | 2211.841 | -34.0152 | 27.46% |
| 15 | 831.644 | 2226.994 | -41.8752 | 28.96% |
| 15 | 807.044 | 2239.832 | -47.5247 | 30.24% |
| 15 | 771.044 | 2250.087 | -54.2196 | 31.25% |
| 15 | 714.644 | 2259.516 | -59.2996 | 32.19% |
| 15 | 643.844 | 2267.702 | -57.9458 | 33.00% |
| 15 | 574.844 | 2273.464 | -45.4716 | 33.57% |
| 15 | 513.644 | 2270.677 | -21.5894 | 33.29% |
| 15 | 466.244 | 2256.192 | 8.416007 | 31.86% |
| 15 | 427.844 | 2231.707 | 45.0723 | 29.43% |