**Urano/Paraná-XVb**

LT 7 Set 2018

Objetivos: teste de motor da classe H para H1k e localizador LoRa.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **altímetro** | **mp-61** | **mp-85** | **ml-4** | **sl-up-1** | **média** |
| **dados descarregados?** | Sim | Sim | Sim | Sim |  |
| **dados válidos?** | Sim | Sim | Não | Sim |  |
| **observação** |  |  |  | t(0)=1.20 s  h(0)=0.0 m |  |
|  |  |  |  |  |  |
| **tq (s)** | 0.768 | 0.960 |  |  | **0.86** |
| **hq (m)** | 146.7 | 185.8 |  |  | **166.2** |
|  |  |  |  |  |  |
| **Vmax (m/s)** | 299.3 | 287.1 |  | 337.4 | **307.9** |
| **Vmax (km/h)** | 1077 | 1034 |  | 1215 | **1109** |
| **amax (g)** | 44.9 | 42.0 |  |  | **43.4** |
|  |  |  |  |  |  |
| **tH (s)** | 13.440 | 13.824 |  | 12.50 | **13.25** |
| **H (m)** | 1218.9 | 1218.1 |  | 1212.2 | **1216.4** |
|  |  |  |  |  |  |
| **tI (s)** |  |  |  | 128.15 | **128.25** |
| **hI (m)** |  |  |  | 5.2 | **5.2** |
|  |  |  |  |  |  |
| **H – hI (m)** |  |  |  | 1207.0 | **1207.0** |
| **tqueda = tI – tH (s)** |  |  |  | 115.65 | **115.65** |
| **Vqueda-média 1 (m/s)** |  |  |  |  |  |
| **Vqueda-média 1 (km/h)** |  |  |  |  |  |
| **Vqueda-média 2 (m/s)** |  |  |  |  |  |
| **Vqueda-média 2 (km/h)** |  |  |  |  |  |
| **Vqueda-média (m/s)** | 10.4 | 10.1 |  | 10.4 | **10.3** |
| **Vqueda-média (km/h)** | 37.3 | 36.3 |  | 37.6 | **37.1** |
|  |  |  |  |  |  |
| **H (pés)** |  |  |  | 3977 |  |
| **hI (pés)** |  |  |  | 17 |  |
|  |  |  |  |  |  |
| **Vmax (pés/s)** |  |  |  | 1107 |  |

mp-61: Vq = (1204.2-859.9)/(14.976-48.192) = 344.3 / 33.216 = 10.37 m/s = 37.3 km/h

mp-85: Vq = (1206.0-871.5)/(14.976-48.192) = 334.5 / 33.216 = 10.07 m/s = 36.3 km/h

m/s \* 3.6 = km/h pés \* 0.3048 = m pés/s \* 0.3048 = m/s

Vqueda-média = (H-hI) / tqueda

Marchi, 21 Set 2018