Projeto Netuno-R: simulações com Trajetoria 1.1 do voo da cápsula Paraná II

Prefixo: NR-2016 Marchi, 11 Fev 2016

Fixos: empuxo cte, Cd cte, g = 9.7876, par = 90.57 kPa, Tar = 26.3, Rar = 286.9,

dtq = dtb = 1e-4, Iq = Ib = 1, LT vertical, sem vento, sem PQ

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Data | 11/02/16 | 11/02/16 | 11/02/16 |  |  |  |  |
| Observação | Cd Marchi motor off | Cd Marchi motor off | Cd Marchi motor off |  |  |  |  |
| --- | --- | --- | --- |  |  |  |  |
| Dados | 06 | 07 | 08 |  |  |  |  |
| Motor | &-14Nov15 | G-14Nov15 | Dg=9.50 |  |  |  |  |
| Mf (g) | 540 | 540 | 552 |  |  |  |  |
| Mp (g) | 106 | 106 | 106 |  |  |  |  |
| Mo (g) | 646 | 646 | 658 |  |  |  |  |
| dr (mm) | 44.45 | 44.45 | 44.45 |  |  |  |  |
| Ec (N) | 50.01 | 47.29 | 70.94 |  |  |  |  |
| tq (s) | 1.265 | 1.490 | 1.17 |  |  |  |  |
| It (Ns) | 63.26 | 70.46 | 83.00 |  |  |  |  |
| Cd | 0.50 | 0.50 | 0.50 |  |  |  |  |
| --- | --- | --- | --- |  |  |  |  |
| Saida | 06 | 07 | 08 |  |  |  |  |
| hq (m) | 57 | 74 | 70 |  |  |  |  |
| Vq (km/h) | 331 | 364 | 439 |  |  |  |  |
| aq (g) | 7.8 | 7.2 | 11.0 |  |  |  |  |
| tH (s) | 9.17 | 9.93 | 10.75 |  |  |  |  |
| H (m) | 390 | 458 | 580 |  |  |  |  |
| tI (s) | 18.55 | 20.17 | 22.43 |  |  |  |  |