ReSeDA Aircraft Experiment Sensor File Errors Detected

These lists were created using reseda.exe option 4.8 at 13:00 on 20 August 1999, and were created by searching the whole of the sensor data look-up table for each flight.

Other glitches / errors found are also logged here.

Last updated 23 May 2002

f01sen0.lut

Payload data table created by reseda v 1.71, source file: f01sen0.csv
File contains 4928 data records; GPS start time: 550689728
Error at records 4 to 15, final record flag[0] = 191
Error at records 38 to 79, final record flag[0] = 191
Error at records 96 to 159, final record flag[0] = 1
Error at records 176 to 239, final record flag[0] = 1
Error at records 246 to 255, final record flag[0] = 191
Error at records 272 to 303, final record flag[0] = 191
Error at records 514 to 527, final record flag[0] = 191
Error at records 686 to 687, final record flag[0] = 191
Error at records 735 to 735, final record flag[0] = 191
Error at records 749 to 751, final record flag[0] = 191
Error at records 1326 to 1327, final record flag[0] = 191
Error at records 1672 to 1711, final record flag[0] = 191
Error at records 1715 to 1727, final record flag[0] = 191
Error at records 1742 to 1743, final record flag[0] = 191
Error at records 1855 to 1855, final record flag[0] = 191
Error at records 3647 to 3647, final record flag[0] = 191
Error at records 3679 to 3679, final record flag[0] = 191
Error at records 3693 to 3695, final record flag[0] = 191
Error at records 3704 to 3711, final record flag[0] = 191
Error at records 3716 to 3727, final record flag[0] = 191
Error at records 3731 to 3743, final record flag[0] = 191
Error at records 3752 to 3759, final record flag[0] = 191
Error at records 3764 to 3776, final record flag[0] = 191
Error at records 3781 to 3791, final record flag[0] = 191
Error at records 3799 to 3807, final record flag[0] = 191
Error at records 3818 to 3823, final record flag[0] = 191
Error at records 3825 to 3839, final record flag[0] = 191
Error at records 3844 to 3855, final record flag[0] = 191
Error at records 3857 to 3871, final record flag[0] = 191
Error at records 3873 to 3887, final record flag[0] = 191
Error at records 3894 to 3903, final record flag[0] = 191
Error at records 3911 to 3919, final record flag[0] = 191
Error at records 3924 to 3935, final record flag[0] = 191
Error at records 3947 to 3951, final record flag[0] = 191
Error at records 3960 to 3967, final record flag[0] = 191
Error at records 3980 to 3983, final record flag[0] = 191
Error at records 3988 to 3999, final record flag[0] = 191
Error at records 4006 to 4015, final record flag[0] = 191
Error at records 4021 to 4031, final record flag[0] = 191
Error at records 4034 to 4047, final record flag[0] = 191
Error at records 4053 to 4063, final record flag[0] = 191
Error at records 4067 to 4079, final record flag[0] = 191
Error at records 4082 to 4095, final record flag[0] = 191
Error at records 4102 to 4111, final record flag[0] = 191
Error at records 4119 to 4127, final record flag[0] = 191
Error at records 4133 to 4143, final record flag[0] = 191
Error at records 4148 to 4159, final record flag[0] = 191
Error at records 4170 to 4175, final record flag[0] = 191
Error at records 4184 to 4191, final record flag[0] = 191
Error at records 4198 to 4207, final record flag[0] = 191
Error at records 4210 to 4223, final record flag[0] = 191
Error at records 4234 to 4239, final record flag[0] = 191
Error at records 4248 to 4255, final record flag[0] = 191
Error at records 4269 to 4271, final record flag[0] = 191
Error at records 4283 to 4287, final record flag[0] = 191
Error at records 4299 to 4303, final record flag[0] = 191
Error at records 4317 to 4319, final record flag[0] = 191
Error at records 4324 to 4335, final record flag[0] = 191
Error at records 4340 to 4351, final record flag[0] = 191
Error at records 4354 to 4367, final record flag[0] = 191
Error at records 4375 to 4383, final record flag[0] = 191
Error at records 4390 to 4399, final record flag[0] = 191
Error at records 4404 to 4415, final record flag[0] = 191
Error at records 4420 to 4431, final record flag[0] = 191
Error at records 4436 to 4447, final record flag[0] = 191
Error at records 4453 to 4463, final record flag[0] = 191
Error at records 4468 to 4479, final record flag[0] = 191
Error at records 4488 to 4495, final record flag[0] = 191
Error at records 4504 to 4511, final record flag[0] = 191
Error at records 4514 to 4527, final record flag[0] = 191
Error at records 4536 to 4543, final record flag[0] = 191
Error at records 4554 to 4559, final record flag[0] = 191
Error at records 4565 to 4575, final record flag[0] = 191
Error at records 4580 to 4591, final record flag[0] = 191
Error at records 4595 to 4607, final record flag[0] = 191
Error at records 4613 to 4623, final record flag[0] = 191
Error at records 4631 to 4639, final record flag[0] = 191
Error at records 4647 to 4655, final record flag[0] = 191
Error at records 4661 to 4671, final record flag[0] = 191
Error at records 4677 to 4687, final record flag[0] = 191
Error at records 4699 to 4703, final record flag[0] = 191
Error at records 4718 to 4719, final record flag[0] = 191
Error at records 4725 to 4735, final record flag[0] = 191
Error at records 4743 to 4751, final record flag[0] = 191
Error at records 4756 to 4768, final record flag[0] = 191
Error at records 4771 to 4783, final record flag[0] = 191
Error at records 4789 to 4800, final record flag[0] = 191
Error at records 4811 to 4815, final record flag[0] = 191
Error at records 4819 to 4831, final record flag[0] = 191
Error at records 4836 to 4847, final record flag[0] = 191
Error at records 4853 to 4863, final record flag[0] = 191
Error at records 4871 to 4879, final record flag[0] = 191
Error at records 4884 to 4895, final record flag[0] = 191
Error at records 4907 to 4911, final record flag[0] = 191

f02sen0.lut

Payload data table created by reseda v 1.71, source file: f02sen0.csv
File contains 14528 data records; GPS start time: 550851459
Error at records 3 to 15, final record flag[0] = 191
Error at records 1055 to 1055, final record flag[0] = 191
Error at records 1119 to 1119, final record flag[0] = 191
Error at records 1487 to 1487, final record flag[0] = 191
Error at records 1562 to 1567, final record flag[0] = 191
Error at records 3215 to 3215, final record flag[0] = 191
Error at records 3263 to 3263, final record flag[0] = 191
Error at records 5423 to 5423, final record flag[0] = 191
Error at records 5471 to 5471, final record flag[0] = 191
Error at records 7631 to 7631, final record flag[0] = 191
Error at records 9775 to 9775, final record flag[0] = 191
Error at records 11567 to 11567, final record flag[0] = 191
Error at records 11615 to 11615, final record flag[0] = 191
Error at records 11689 to 11695, final record flag[0] = 191
Error at records 11723 to 11727, final record flag[0] = 191

Error at records 11743 to 11743, final record flag[0] = 191
Error at records 11935 to 11935, final record flag[0] = 191
Error at records 11983 to 11983, final record flag[0] = 191
Error at records 12078 to 12079, final record flag[0] = 191
Error at records 12447 to 12447, final record flag[0] = 191
Error at records 12558 to 12559, final record flag[0] = 191
Error at records 13432 to 13439, final record flag[0] = 191
Error at records 13453 to 13455, final record flag[0] = 191
Error at records 13814 to 13823, final record flag[0] = 191
Error at records 13837 to 13839, final record flag[0] = 191
Error at records 14159 to 14159, final record flag[0] = 191

f03sen0.lut

Payload data table created by reseda v 1.71, source file: f03sen0.csv
File contains 15776 data records; GPS start time: 550861004
Error at records 16 to 79, final record flag[0] = 191
Error at records 96 to 159, final record flag[0] = 1
Error at records 176 to 239, final record flag[0] = 1
Error at records 246 to 255, final record flag[0] = 191
Error at records 272 to 303, final record flag[0] = 1
Error at records 365 to 367, final record flag[0] = 191
Error at records 1055 to 1055, final record flag[0] = 191
Error at records 3231 to 3231, final record flag[0] = 191
Error at records 5407 to 5407, final record flag[0] = 191
Error at records 5455 to 5455, final record flag[0] = 191
Error at records 6175 to 6175, final record flag[0] = 191
Error at records 6189 to 6191, final record flag[0] = 191
Error at records 6367 to 6367, final record flag[0] = 191
Error at records 6598 to 6607, final record flag[0] = 191
Error at records 6621 to 6623, final record flag[0] = 191
Error at records 7247 to 7247, final record flag[0] = 191
Error at records 7631 to 7631, final record flag[0] = 191
Error at records 8431 to 8431, final record flag[0] = 191
Error at records 9807 to 9807, final record flag[0] = 191
Error at records 9967 to 9967, final record flag[0] = 191
Error at records 10760 to 10767, final record flag[0] = 191
Error at records 10781 to 10783, final record flag[0] = 191
Error at records 11486 to 11487, final record flag[0] = 191
Error at records 11999 to 11999, final record flag[0] = 191
Error at records 12031 to 12031, final record flag[0] = 191
Error at records 12926 to 12927, final record flag[0] = 191
Error at records 12941 to 12943, final record flag[0] = 191
Error at records 13113 to 13119, final record flag[0] = 191
Error at records 13133 to 13135, final record flag[0] = 191
Error at records 14122 to 14127, final record flag[0] = 191
Error at records 14141 to 14143, final record flag[0] = 191
Error at records 14175 to 14175, final record flag[0] = 191
Error at records 14223 to 14223, final record flag[0] = 191
Error at records 15694 to 15695, final record flag[0] = 191
Error at records 15709 to 15711, final record flag[0] = 191

f04sen0.lut

Payload data table created by reseda v 1.71, source file: f04sen0.csv
File contains 19072 data records; GPS start time: 550938989
Error at records 2 to 15, final record flag[0] = 191
Error at records 2095 to 2095, final record flag[0] = 191
Error at records 3239 to 3247, final record flag[0] = 191
Error at records 3382 to 3391, final record flag[0] = 191
Error at records 3404 to 3407, final record flag[0] = 191
Error at records 3481 to 3487, final record flag[0] = 191
Error at records 4319 to 4319, final record flag[0] = 191
Error at records 6527 to 6527, final record flag[0] = 191
Error at records 8111 to 8111, final record flag[0] = 191
Error at records 8735 to 8735, final record flag[0] = 191
Error at records 10927 to 10927, final record flag[0] = 191
Error at records 11048 to 11055, final record flag[0] = 191
Error at records 13071 to 13071, final record flag[0] = 191
Error at records 13119 to 13119, final record flag[0] = 191
Error at records 13933 to 13935, final record flag[0] = 191
Error at records 14180 to 14191, final record flag[0] = 191
Error at records 14204 to 14207, final record flag[0] = 191
Error at records 15295 to 15295, final record flag[0] = 191
Error at records 15343 to 15343, final record flag[0] = 191
Error at records 16591 to 16591, final record flag[0] = 191
Error at records 16597 to 16607, final record flag[0] = 191
Error at records 17503 to 17503, final record flag[0] = 191

f05sen0.lut

Payload data table created by reseda v 1.71, source file: f05sen0.csv
File contains 18304 data records; GPS start time: 550943321
Error at records 16 to 79, final record flag[0] = 191
Error at records 96 to 159, final record flag[0] = 1
Error at records 176 to 271, final record flag[0] = 191
Error at records 412 to 415, final record flag[0] = 191
Error at records 2511 to 2511, final record flag[0] = 191
Error at records 2942 to 2943, final record flag[0] = 191
Error at records 4710 to 4719, final record flag[0] = 191
Error at records 4732 to 4735, final record flag[0] = 191
Error at records 5951 to 5951, final record flag[0] = 191
Error at records 6911 to 6911, final record flag[0] = 191
Error at records 7161 to 7167, final record flag[0] = 191
Error at records 7180 to 7183, final record flag[0] = 191
Error at records 9103 to 9103, final record flag[0] = 191
Error at records 11295 to 11295, final record flag[0] = 191
Error at records 12087 to 12095, final record flag[0] = 191
Error at records 12108 to 12111, final record flag[0] = 191
Error at records 13503 to 13503, final record flag[0] = 191
Error at records 14598 to 14607, final record flag[0] = 191
Error at records 14620 to 14623, final record flag[0] = 191
Error at records 15695 to 15695, final record flag[0] = 191
Error at records 15720 to 15727, final record flag[0] = 191
Error at records 15740 to 15743, final record flag[0] = 191
Error at records 16841 to 16847, final record flag[0] = 191
Error at records 16849 to 16863, final record flag[0] = 191
Error at records 16876 to 16879, final record flag[0] = 191
Error at records 17871 to 17871, final record flag[0] = 191
Error at records 18188 to 18191, final record flag[0] = 191
Error at records 18204 to 18207, final record flag[0] = 191

f06sen0.lut

Payload data table created by reseda v 1.71, source file: f06sen0.csv
File contains 22800 data records; GPS start time: 551019221
Error at records 16 to 79, final record flag[0] = 191
Error at records 96 to 159, final record flag[0] = 1
Error at records 176 to 239, final record flag[0] = 191
Error at records 248 to 255, final record flag[0] = 191
Error at records 316 to 319, final record flag[0] = 191
Error at records 2495 to 2495, final record flag[0] = 191
Error at records 2527 to 2527, final record flag[0] = 191
Error at records 4068 to 4079, final record flag[0] = 191
Error at records 4093 to 4095, final record flag[0] = 191
Error at records 4703 to 4703, final record flag[0] = 191
Error at records 6886 to 6895, final record flag[0] = 191
Error at records 8991 to 8991, final record flag[0] = 191
Error at records 9055 to 9055, final record flag[0] = 191
Error at records 9103 to 9103, final record flag[0] = 191
Error at records 10043 to 10047, final record flag[0] = 191
Error at records 10057 to 10063, final record flag[0] = 191
Error at records 10067 to 10079, final record flag[0] = 191
Error at records 10093 to 10095, final record flag[0] = 191
Error at records 11247 to 11247, final record flag[0] = 191
Error at records 11311 to 11311, final record flag[0] = 191

Error at records 13487 to 13487, final record flag[0] = 191
Error at records 14143 to 14143, final record flag[0] = 191
Error at records 15647 to 15647, final record flag[0] = 191
Error at records 15679 to 15679, final record flag[0] = 191
Error at records 16044 to 16047, final record flag[0] = 191
Error at records 16061 to 16063, final record flag[0] = 191
Error at records 17839 to 17839, final record flag[0] = 191
Error at records 20015 to 20015, final record flag[0] = 191
Error at records 22207 to 22207, final record flag[0] = 191
Error at records 22255 to 22255, final record flag[0] = 191

f07sen0.lut

Payload data table created by reseda v 1.71, source file: f07sen0.csv
File contains 20832 data records; GPS start time: 551027086
Error at records 16 to 79, final record flag[0] = 191
Error at records 96 to 175, final record flag[0] = 191
Error at records 237 to 239, final record flag[0] = 191
Error at records 2319 to 2319, final record flag[0] = 191
Error at records 2383 to 2383, final record flag[0] = 191
Error at records 4543 to 4543, final record flag[0] = 191
Error at records 4575 to 4575, final record flag[0] = 191
Error at records 6783 to 6783, final record flag[0] = 191
Error at records 7807 to 7807, final record flag[0] = 191
Error at records 8927 to 8927, final record flag[0] = 191
Error at records 10358 to 10367, final record flag[0] = 191
Error at records 10380 to 10383, final record flag[0] = 191
Error at records 10703 to 10703, final record flag[0] = 191
Error at records 10717 to 10719, final record flag[0] = 191
Error at records 11035 to 11039, final record flag[0] = 191
Error at records 11053 to 11055, final record flag[0] = 191
Error at records 11151 to 11151, final record flag[0] = 191
Error at records 13343 to 13343, final record flag[0] = 191
Error at records 15503 to 15503, final record flag[0] = 191
Error at records 15583 to 15583, final record flag[0] = 191
Error at records 17727 to 17727, final record flag[0] = 191
Error at records 19887 to 19887, final record flag[0] = 191

f08sen0.lut

Payload data table created by reseda v 1.71, source file: f08sen0.csv
File contains 16144 data records; GPS start time: 551036446
Error at records 15 to 15, final record flag[0] = 191
Error at records 32 to 79, final record flag[0] = 191
Error at records 96 to 159, final record flag[0] = 191
Error at records 179 to 255, final record flag[0] = 191
Error at records 319 to 319, final record flag[0] = 191
Error at records 333 to 335, final record flag[0] = 191
Error at records 959 to 959, final record flag[0] = 191
Error at records 1007 to 1007, final record flag[0] = 191
Error at records 2371 to 2383, final record flag[0] = 191
Error at records 2397 to 2399, final record flag[0] = 191
Error at records 3183 to 3183, final record flag[0] = 191
Error at records 3215 to 3215, final record flag[0] = 191
Error at records 4044 to 4047, final record flag[0] = 191
Error at records 5407 to 5407, final record flag[0] = 191
Error at records 5902 to 5903, final record flag[0] = 191
Error at records 7615 to 7615, final record flag[0] = 191
Error at records 9741 to 9743, final record flag[0] = 191
Error at records 9775 to 9775, final record flag[0] = 191
Error at records 11999 to 11999, final record flag[0] = 191
Error at records 13363 to 13375, final record flag[0] = 191
Error at records 13382 to 13391, final record flag[0] = 191
Error at records 13407 to 13407, final record flag[0] = 191
Error at records 14175 to 14175, final record flag[0] = 191
Error at records 16127 to 16127, final record flag[0] = 191

f09sen0.lut

Payload data table created by reseda v 1.70, source file: f09sen.csv
File contains 15120 data records; GPS start time: 551098030
Error at records 4 to 15, final record flag[0] = 191
Error at records 2191 to 2191, final record flag[0] = 191
Error at records 2841 to 2848, final record flag[0] = 191
Error at records 2861 to 2863, final record flag[0] = 191
Error at records 4261 to 4271, final record flag[0] = 191
Error at records 4279 to 4287, final record flag[0] = 191
Error at records 4399 to 4399, final record flag[0] = 191
Error at records 4728 to 4735, final record flag[0] = 191
Error at records 4743 to 4751, final record flag[0] = 191
Error at records 4760 to 4767, final record flag[0] = 191
Error at records 4780 to 4783, final record flag[0] = 191
Error at records 6575 to 6575, final record flag[0] = 191
Error at records 6607 to 6607, final record flag[0] = 191
Error at records 6671 to 6671, final record flag[0] = 191
Error at records 6911 to 6911, final record flag[0] = 191
Error at records 8767 to 8767, final record flag[0] = 191
Error at records 8799 to 8799, final record flag[0] = 191
Error at records 9645 to 9647, final record flag[0] = 191
Error at records 9661 to 9663, final record flag[0] = 191
Error at records 10541 to 10543, final record flag[0] = 191
Error at records 10549 to 10559, final record flag[0] = 191
Error at records 10604 to 10607, final record flag[0] = 191
Error at records 10621 to 10623, final record flag[0] = 191
Error at records 10959 to 10959, final record flag[0] = 191
Error at records 13119 to 13119, final record flag[0] = 191
Error at records 13295 to 13295, final record flag[0] = 191
Error at records 14655 to 14655, final record flag[0] = 191
Error at records 14763 to 14767, final record flag[0] = 191
Error at records 14894 to 14895, final record flag[0] = 191
Error at records 14969 to 14975, final record flag[0] = 191
Error at records 14990 to 14991, final record flag[0] = 191
Error at records 14997 to 15007, final record flag[0] = 191
Error at records 15021 to 15023, final record flag[0] = 191
Error at records 15054 to 15055, final record flag[0] = 191
Error at records 15069 to 15071, final record flag[0] = 191
Error at records 15074 to 15087, final record flag[0] = 191
Error at records 15101 to 15103, final record flag[0] = 191

f10sen4.lut

Payload data table created by reseda v 1.62, source file: f10sen.csv
File contains 16496 data records; GPS start time: 551105350
Error at records 16 to 79, final record flag[0] = 191
Error at records 96 to 175, final record flag[0] = 191
Error at records 237 to 239, final record flag[0] = 191
Error at records 335 to 335, final record flag[0] = 191
Error at records 2527 to 2527, final record flag[0] = 191
Error at records 2559 to 2559, final record flag[0] = 191
Error at records 4702 to 4703, final record flag[0] = 191
Error at records 4735 to 4735, final record flag[0] = 191
Error at records 5599 to 5599, final record flag[0] = 191
Error at records 6207 to 6207, final record flag[0] = 191
Error at records 6649 to 6655, final record flag[0] = 191
Error at records 6669 to 6671, final record flag[0] = 191
Error at records 6927 to 6927, final record flag[0] = 191
Error at records 6959 to 6959, final record flag[0] = 191
Error at records 7727 to 7727, final record flag[0] = 191
Error at records 7742 to 7743, final record flag[0] = 191
Error at records 7766 to 7775, final record flag[0] = 191
Error at records 7788 to 7791, final record flag[0] = 191
Error at records 9017 to 9023, final record flag[0] = 191
Error at records 9037 to 9039, final record flag[0] = 191
Error at records 9064 to 9071, final record flag[0] = 191
Error at records 9081 to 9087, final record flag[0] = 191
Error at records 9135 to 9135, final record flag[0] = 191

Error at records 9647 to 9647, final record flag[0] = 191
Error at records 9769 to 9775, final record flag[0] = 191
Error at records 9789 to 9791, final record flag[0] = 191
Error at records 10735 to 10735, final record flag[0] = 191
Error at records 10783 to 10783, final record flag[0] = 191
Error at records 11327 to 11327, final record flag[0] = 191
Error at records 11629 to 11631, final record flag[0] = 191
Error at records 11643 to 11647, final record flag[0] = 191
Error at records 12319 to 12319, final record flag[0] = 191
Error at records 12430 to 12431, final record flag[0] = 191
Error at records 12508 to 12511, final record flag[0] = 191
Error at records 12524 to 12527, final record flag[0] = 191
Error at records 13230 to 13231, final record flag[0] = 191
Error at records 13487 to 13487, final record flag[0] = 191
Error at records 14806 to 14815, final record flag[0] = 191
Error at records 14829 to 14831, final record flag[0] = 191
Error at records 14971 to 14975, final record flag[0] = 191
Error at records 14988 to 14991, final record flag[0] = 191
Error at records 15663 to 15663, final record flag[0] = 191
Error at records 15711 to 15711, final record flag[0] = 191
Error at records 15919 to 15919, final record flag[0] = 191
Error at records 15935 to 15935, final record flag[0] = 191
Error at records 15983 to 15983, final record flag[0] = 191
Error at records 16126 to 16127, final record flag[0] = 191
Error at records 16158 to 16159, final record flag[0] = 191
Error at records 16175 to 16175, final record flag[0] = 191
Error at records 16207 to 16207, final record flag[0] = 191
Error at records 16223 to 16223, final record flag[0] = 191
Error at records 16233 to 16239, final record flag[0] = 191
Error at records 16244 to 16255, final record flag[0] = 191
Error at records 16269 to 16271, final record flag[0] = 191
Error at records 16301 to 16304, final record flag[0] = 191
Error at records 16319 to 16319, final record flag[0] = 191
Error at records 16335 to 16335, final record flag[0] = 191
Error at records 16341 to 16351, final record flag[0] = 191
Error at records 16367 to 16367, final record flag[0] = 191
Error at records 16374 to 16384, final record flag[0] = 191
Error at records 16394 to 16399, final record flag[0] = 191
Error at records 16410 to 16415, final record flag[0] = 191
Error at records 16426 to 16431, final record flag[0] = 191
Error at records 16456 to 16464, final record flag[0] = 191
Error at records 16467 to 16479, final record flag[0] = 191

f02all0.txt 23 May 2002

Glitches found in datafile at records 6681 and 11599 – affects Humitter data. Glitches corrected by linear interpolation from the two neighbouring records.



https://dspace.org/

Surface layer profiles of air temperature and humidity measured from unmanned aircraft

Hobbs, Stephen; Dyer, David; Courault, Dominique; Olioso, Albert; Lagouarde, Jean-Pierre ...

2002-09-01T00:00:00Z

http://dx.doi.org/10.1051/agro:2002050

Stephen Hobbs, David Dyer, Dominique Courault, Albert Olioso, Jean-Pierre Lagouarde, Yann Kerr, John Mcaneney and Jean Bonnefond, Surface layer profiles of air temperature and humidity measured from unmanned aircraft, Agronomie for Sustainable Development, 2002 Vol. 22 No. 6 (Sept-Oct) pg 635-640

Downloaded from a DSpace repository. https://dspace.org/