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Reference Radiosonde Private Club

GCOS UPPER-AIR WORKSHOP
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Lessons from Mauritius intercomparison

Thanks to WMO intercomparison of high quality radiosondes of Mauritius, we have pointed out a bias on temperature measurement of Modem M2K2 sonde at high altitude (above 22km) and at nighttime (White paint)

Today, the problem has been rectified and a test campaign at Camborne with UK Met Office is scheduled next summer.



New design

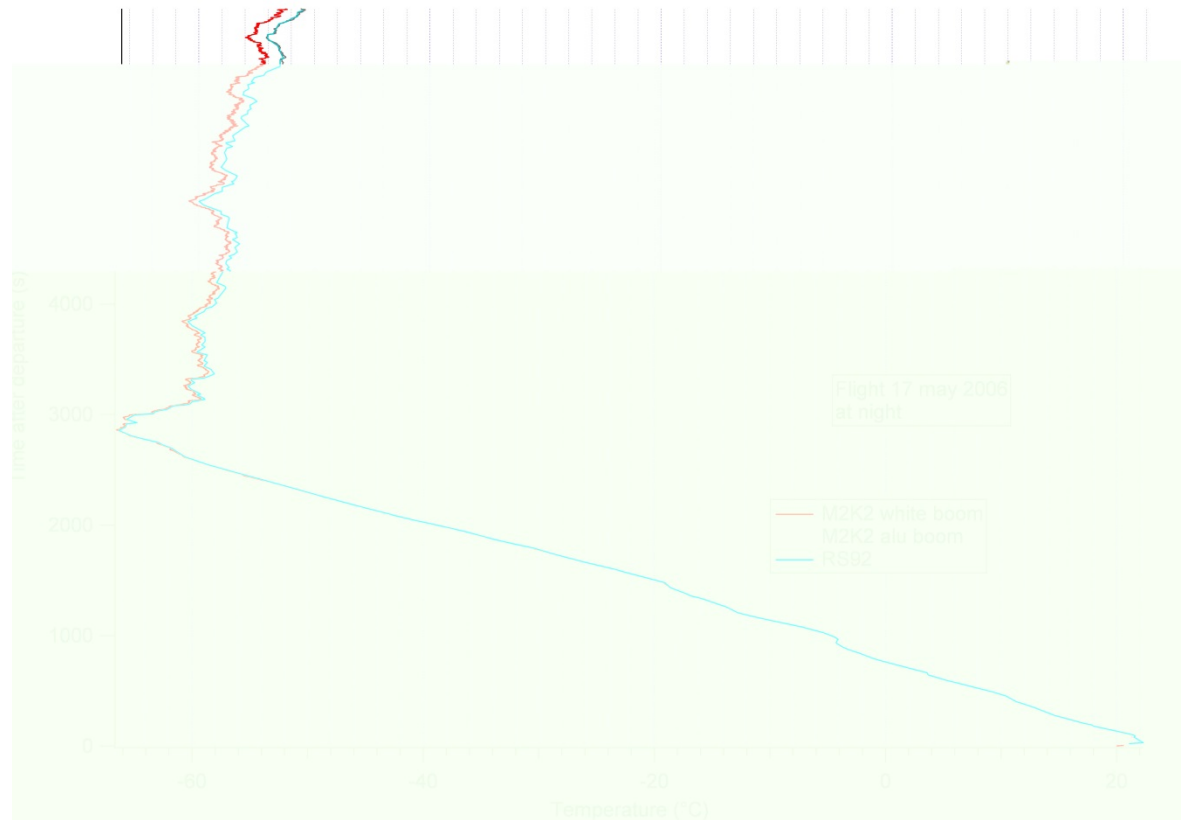
In fact, we have brought 2 main changes:

- Aluminized coating instead of white paint
- Redesign of the end of sensor boom (removal of the upper part of the boom above the temperature sensor)





Preliminary results



Complete results of the test campaign will be presented at the next TECO conference Geneva Dec 2006



MODEM UPPER-AIR STATIONS

