

InterMet
International Met Systems

- Internal R&D funds focused on clearly defined projects with the greatest market potential
- Climatological initiatives are less well defined and distributed cross numerous agencies/programs
 - SBIR (DoD, NASA, DoE, NSF)
 - NCAR
 - NOAA / NWS

- Four programs applied for or underway
 - iMet-1 Radiosonde (NWS, RRS)
 - SBIR N06-009, Miniature Dropsonde for Sonobuoy Applications (U.S. Navy)
 - RFI, Ultra-Light Dropsonde (NOAA Earth Systems Research Lab, Global Systems Div.)
 - SBIR, Solar Flux Radiosonde (National Science Foundation)



NSF RadSonde GAC/InterMet Kickoff Meeting

Scientific Needs for Global Warming Research

- Repeated climatology-grade measurements of atmospheric temperature profiles
- Raw data on atmospheric fluxes

Climatology Accuracy (GUAN)	ATM (Schmidlin) 3 thermistor colors Solve simultaneous eqns to estimate air temp	
	Meteorological Accuracy (2x daily flights)	 Existing Sondes
	High Cost	Low Cost

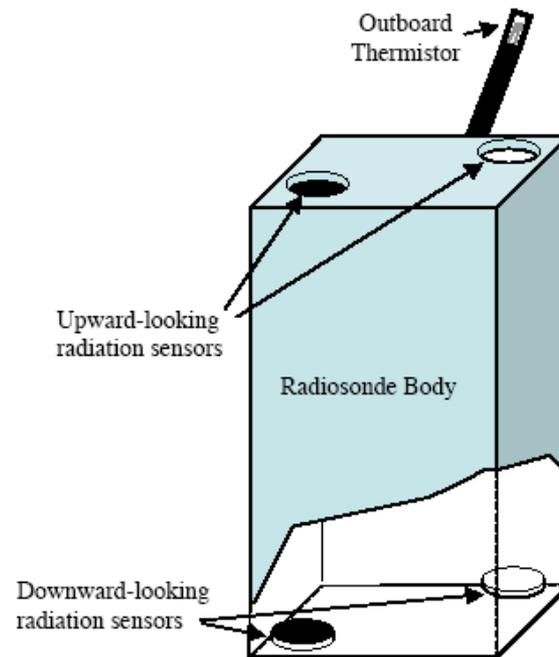


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RadSonde Design Concept



Global Aerospace Corporation Proprietary Information



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