

altitudes with the pilot from the control system

toggle switch that communicates sampling

logging system, and a control connection the flasks, a data samples, a flexible stainless Package (PFP) contains 12 glass flasks for storing air The Programmable Flask steel manifold system

Aircraft sampling allows us to see where CO<sub>2</sub> and other greenhouse gases go after being emitted at the surface because the gases emitted at the surface mix their way up into the free troposphere over time and are blown Data from aircraft sampling are used to verify computer models,

Inlets: The sample air comes into

outside of the plane, wither below the plane from tubes run to the

the wings or right out the side of

like Carbon Tracker, that model  $CO_2$  concentrations across the  ${\it globe}$ .

the aircraft's cabin. This eliminates aircraft exhaust from the air

Carton Tracker CO ventre tot June 1

positioning of the aircraft and universal recorded by the data logger within the time to be recorded along with the air The GPS system allows for precise samples. The position and time is

