## ABSTRACT

ENGINE PARAMETERS

A method 2040 of determining a calorific value of fuel supplied to a gas turbine engine of an aircraft comprises sensing 2042 at least one engine parameter during a first time period of aircraft operation during which the gas turbine engine uses the fuel; and, based on the at least one sensed engine parameter, determining 2044 a calorific value of the fuel. The sensing 2042 may be repeated such that the at least one engine parameter is monitored over time. The gas turbine engine may be a propulsive gas turbine engine of the aircraft or a gas turbine engine of an auxiliary power unit of the aircraft.

*To be reproduced with Figure 11 when published.*