



4.5 MW GE Gas Turbines Power TurboJET's *Foilcat* Fast Ferry

Two 4.5 MW GE marine gas turbines have been operating since 1995 onboard TurboJET's *Foilcat* fast ferry.

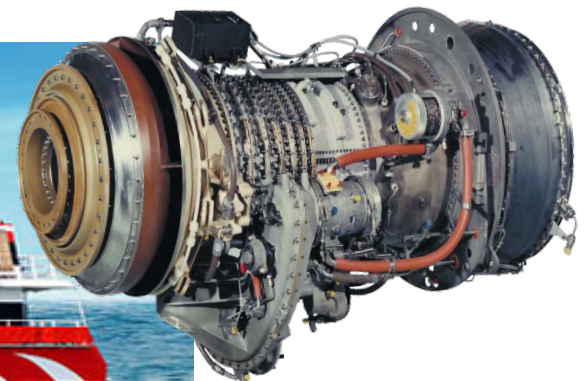
This multihull hydrofoil catamaran, which links Hong Kong to Macau, measures 35 meters long. It can carry 423 passengers, with a maximum service speed of 45 knots.

Shun Tak-China Travel Ship Management Limited, operating under the brand name TurboJET, is the recognized leader in the Hong Kong-Macau high-speed passenger transportation industry. With over 50 years of shipping experience, it is the first to provide round-the-clock jetfoil service.

4.5 MW Gas Turbine

GE's 6,130 shaft horsepower/4.5 MW gas turbine is derived from GE's TF34/CF34 turbofan aircraft engines, and has 90% commonality with the CF34 engine that powers the popular CRJ100/200 regional jet with more than 14 million hours of operation.

The simple cycle 4.5 MW unit is GE's smallest and most compact marine engine. The two-shaft gas turbine consists of a gas generator, a free power turbine and cold end drive capabilities.



GE's 4.5 MW gas turbine

Shown is *Foilcat* fast ferry (photo courtesy of TurboJET).