

Hamilton Jet Model HJ241  
Application Review

## Twin Model HJ241 Jets for Lake Taupo's SuperJet



“SuperJet” is an apt description for this 10 metre Hamilton Jet powered excursion craft operating on Lake Taupo in the centre of New Zealand’s North Island. Twin model 241 jets provide thrust for a maximum lightship speed of 42 knots, dropping only slightly to 39 knots when fully fuelled and loaded with 31 passengers.

Lake Taupo is the largest lake in the Southern Hemisphere and has many scenic attractions to view from the water, including sheer cliffs, waterfalls, Maori rock carvings and bush clad coves and bays. The special capabilities of “SuperJet” make it an ideal platform to view these attractions.

At high speeds the vessel's foil assisted hull design provides a very smooth and comfortable ride in all surface conditions. The Hamilton Jet control system allows the craft to be easily handled by a single

operator (positioned in the raised aft helm station), including manoeuvres such as turning in any direction around a single pivot point and “walking” sideways. The outstanding controllability afforded by the Hamilton propulsion system allows the craft to be manoeuvred in tight coves and close to the shoreline to give passengers spectacular views of the many natural features created by one of the world’s most violent volcanic eruptions in recorded history.

### ▶ Brief Specifications

**SERVICE:**  
Tourist Excursion Craft

**TYPE:**  
Foil Assisted Catamaran

**LENGTH:**  
10.00 metres [LOA]

**BEAM:**  
3.3 metres

**DRAUGHT:**  
0.60 metres [static]

**CONSTRUCTION:**  
Aluminium

**DISPLACEMENT:**  
8.3 tonnes [laden]

**PAYLOAD:**  
31 passengers

**SPEED:**  
42 knots (lightship)  
39 knots (laden)

**WATERJETS:**

Twin Hamilton Jet Model 241

**ENGINES:**  
Twin Yanmar Model 6LY diesels  
220kW (295hp) @ 3100rpm

**DESIGNER:**  
Teknicraft Design Ltd  
Auckland, New Zealand

**BUILDER:**  
Q-West Boatbuilders, Wanganui,  
New Zealand

**OPERATOR:**  
Great Lake SuperJet,  
Lake Taupo, New Zealand

**Hamilton Jet DISTRIBUTOR:**  
Hamilton Marine  
Christchurch, New Zealand