

Hamilton Jet Model HJ212
Application Review

New HJ212 Jet Takes North West USA by Storm



Hamilton Jet's newest waterjet for trailerable boats, the Model HJ212, has been favourably received, especially by builders and operators of tour and excursion boats in the Pacific northwest area of the USA.

LOCATION: Hells Canyon, Idaho, U.S.A.

DATE: February, 1996

CRAFT: 28' Bentz Jet Boat

DRIVER: Darell Bentz

Inter-mountain Excursions' new 18 passenger tour boat was put to the test on an expedition through the spectacular rapids of Granite Creek. The 28' craft, powered by twin Hamilton Jet HJ212 waterjets with "Turbo" impellers, easily negotiated huge pressure waves and extensive whitewater without having to take the 351 Redline/Ford gas engines above 3000rpm.

Bentz reports that the "Turbo" impellers didn't cavitate any more than the superseded 3-stage 773 jet in the worst of conditions in the canyon and had the added benefit of being quieter and capable of developing more thrust.



▶ Brief Specifications

SERVICE:
Passenger Excursion

LENGTH:
8.53 metres [LOA]

BEAM:
2.13 metres [BPX]

WEIGHT:
2.90 tonnes (6,400lbs) dry

CONSTRUCTION:
Aluminium

SPEED:
48 knots (55 mph) max.

WATERJETS:
Twin Hamilton Model HJ212
with "Turbo" impeller

ENGINES:
Twin 351 Redline/Ford
EFI Gasoline

DESIGNER/BUILDER:
Bentz Boats, Lewiston,
Idaho, USA

Hamilton Jet DISTRIBUTOR:
Hough Marine, Seattle, WA, USA

THE HJ212 JET

The HJ212 waterjet is a single stage unit for trailerable craft. Rigorous field testing, such as that described above, has shown the design to be so advanced that other jets, especially those of the older multi-stage configurations, may very well be obsolete. A recreational development of the HJ211 "commercial" jet, the HJ212 features integral intake protection screen, JT-type steerable nozzle, optional mounting kits for close engine coupling and split-duct type reverse deflector with infinitely variable detent locking mechanism. The split duct deflector provides vastly superior reverse thrust capacity compared to outdated "clam-shell" designs.