

U.S. Department of  
Homeland Security

United States  
Coast Guard



Commandant  
United States Coast Guard

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16714/160.156/82/0  
ZODIAC  
November 3, 2004

Mr. Doug Hemphill  
Zodiac Hurricane Technologies, Inc.  
7830 Vantage Way  
Delta, B.C V4G 1A7  
Canada

Subj: ZODIAC H638 SOLAS FRB FAST RESCUE BOAT APPROVAL

Ref: (a) Your letter and submittal package dated May 5, 2004

Dear Mr. Hemphill,

In response to reference (a), we have reviewed your submission and based on satisfactory prototype test results on the subject rescue boat and the final plan submittal package, the H638 SOLAS Fast Rescue Boat is approved with one final stipulation as described below. The certificate of approval is enclosed with this letter. Your stamped copy of the submittal package was picked up by your representative, Andy Ulak.


Although this certificate is being issued based on the current submitted plan package one outstanding issue remains. This issue concerns the fact that your rescue boats do not come with integrated approved release mechanisms and as such could not be tested in accordance with the SOLAS regulation regarding the Towing Release Test. So each of your rescue boats will have to be tested to ensure that they meet the requirements of this test once it and all of its hoisting equipment are installed on the ship. This test will need to be completed to the satisfaction of the attending USCG inspector at the first underway opportunity after the installation is complete.

As agreed previously, U.S. Coast Guard (USCG) inspection personnel must be given access to the factory and production records whenever needed. You are reminded to notify Lloyd's Register of Shipping, as your independent lab, prior to production of any of the above mentioned boats. A Lloyd's representative must monitor production of each boat in accordance with the approved plans and 46 CFR 159.007. Your annual production report from Lloyd's is due to this office in August of each year.

16714/160.156  
November 3, 2004

If you have any questions or concerns on this subject, please contact LT Todd Howard at the above address or telephone number

Sincerely,



J. G. LANTZ  
Chief, Lifesaving and Fire Safety Standards Division  
U. S. Coast Guard  
By direction

Enclosure: Approval Certificate

Copy: Lloyd's Register of Shipping – Vancouver Office



U. S. Department of Homeland Security  
**United States Coast Guard**  
**Certificate of Approval**

Coast Guard Approval Number: 160.156/82/0

Expires: 03 November 2009

RESCUE BOAT (SOLAS)

ZODIAC HURRICANE TECHNOLOGIES INC  
7830 VANTAGE WAY  
DELTA, B. C. V4G 1A7  
CANADA

Model H638 SOLAS FRB, 6.7 m (22.1 ft) x 2.59 m (8.5 ft), 6-person FRP rigid/inflated fast rescue boat.

Equipped with a Volvo TAMD-31P diesel engine with 112 KW @ 3900 rpm, and Hamilton 212 waterjet drive.

Meets SOLAS LSA Code Chapter V as amended by MSC/Circ.809 Section 4.1, and IMO Resolution A.689(17) as amended by MSC.81(70), Part 1, Section 7.6.

Not tested or equipped with an integral release mechanism. SOLAS towing release test must be conducted after proper installation of rescue boat onboard the ship with a USCG approved release mechanism.

Identifying data: General Arrangement drawing SM638006(1A) rev.1.04, dated 05/28/04, and H638 MID DJ SOLAS FRB Drawing Index, dated May 2004, and all associated approved detail drawings as referenced thereon.

Weights: Condition A: 1,612kg (3,555 lb)                      Condition B: 2,225 kg (4,905 lb)

Production test summary pursuant to 46 CFR 159.007-11 due annually in August.      Production tests conducted by Lloyd's Register of Shipping.

Valid only for equipment manufactured at the approval holder's address above.

Approval subject to comments in USCG letter dated 03 November 2004.

\*\*\* END \*\*\*

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.



GIVEN UNDER MY HAND THIS 3<sup>rd</sup> DAY OF  
NOVEMBER 2004, AT WASHINGTON D.C.

J. G. LANTZ  
Chief, Lifesaving and Fire Safety Standards Division  
BY DIRECTION OF THE COMMANDANT