# **Human Performance Improvements**



# EC Recreational Craft Directive (94/25/EC as amended by 2003/44/EC) Examination Report

This is to certify that the:

### Recreational Craft

As described below

Name and Address of Manufacturer Weihai Noah Yacht Co., Ltd. (or Authorised Representative) No. 9 Xigincun Industry Park

Weihai City, ShanDong, China,

Craft Description / Model RK-370 Inflatable Boat

**Length / Beam** 3.70 m / 1.72 m

**Load (people + baggage)** 6 Adults+ 1 child + 171 kg baggage

Max Engine Power / Weight 14.92 kW ((20 hp) / 51 kg

**Total Load People + baggage + engine** 710 kg **Stability Standard used** ISO 6185-2

**Category** C

Report Reference HPi/014-053-04

has been assessed and found to be in conformity with the requirements of the European Recreational Craft Directive Annex VI (Module Aa, option 1). This Certificate is valid in any European Economic Area Member State.

This report has been issued by HPi which is a body notified to the European Commission according to the provisions of the Recreational Craft Directive (Notified Body Number 1521).

This report is issued following the assessment of a representative example or examples of the Recreational Craft type submitted in accordance with the provisions of the above regulations.

Technical Director

Approval Date: 11 Feb 2010

Total Director

Approval Date: 11 Feb 2010

Director

The builder of the craft to which this report applies must inform HPi of any proposed changes that could affect any of the assessed Essential Safety Requirements. Failure to do this will invalidate the report.



# **Human Performance Improvements**



# RECREATIONAL CRAFT ASSESSMENT REPORT FORM

RECREATIONAL CRAFT DIRECTIVE - 94/25/EC as amended by 2003/44/EC

NAME AND ADDRE AUTHORISED REP Weihai Noah Yad No. 9 Xiqincun Ir Weihai City, Sha	cht Co., Ltd. ´ ndustry Park,	LOCATION INSPECTIO Builder's I	N	<b>REPORT NO</b> HPi/014-053-04
DESCRIPTION	RK-370 Inflatable Boat			
Maker	Weihai Noah Yacht Co., Ltd.		Standard	ISO 6185-2
Length / Beam	3.70 m / 1.72 m		Category	С
Crew Limit	6 Adults + 1 child + 171 kg baggage		RCD Module	Aa
Total Load	710 kg (people + baggage + engine)		Max Engine Power / weight	14.92 kW ((20 hp) , 51 kg

#### REPORT

#### Introduction

The RK-370 Inflatable Boat, manufactured by Weihai Noah Yacht Co., Ltd. falls within the scope of the Recreational Craft Directive when used for recreational purposes in the European Economic Area, and appropriate conformity assessment procedures must be applied. At 3.70 m long and when used in Category C water, Module Aa is an appropriate conformity assessment module.

#### Scope

Undertake an Aa assessment of the RK-370 Inflatable Boat as required by the Recreational Craft Directive for Category C water and issue the necessary documentation.

#### **Contents / Results**

The results of stability and buoyancy tests for the RK-370 Inflatable Boat were found to show that the boat meets the requirements of the Recreational Craft Directive for stability and buoyancy for Category C water.

#### Recommendations

The stability and buoyancy of the RK-370 Inflatable Boat, has been assessed and found to meet the requirements of the Recreational Craft Directive for Category C water. As a consequence of this Examination Report No HPi/014-053-04 has been issued. This report can be used for all craft of this model, provided that no changes are made that could affect the stability and buoyancy of the craft. HPi must be informed of any changes to subsequent craft that could invalidate this inspection report.

Signature

Name T.J. Egginton

S. ESSU

Assessment / Inspection Engineer HPi Verification

Date of Report 11 Feb 2010

