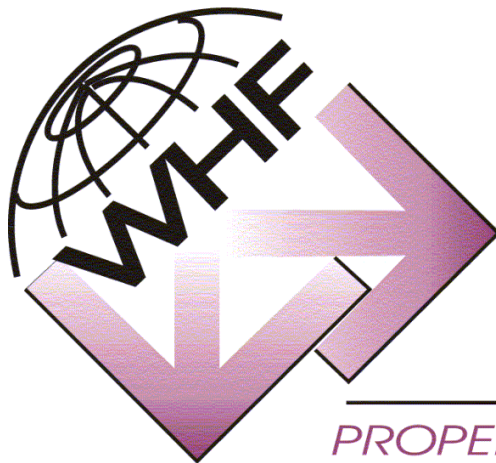


WHF012

Hovercraft Compliance Checklist



WORLD
HOVERCRAFT
FEDERATION

PROPELLING GLOBAL HOVERSPORT

www.worldhovercraftfederation.org

World Hovercraft Federation

22/2011

Whilst every effort is made to ensure the accuracy of the information contained in these regulations, the World Hovercraft Federation cannot accept responsibility for any injury or damage resulting from this information

Publication Reference		WHF012
Issue	Date of Issue	
1	May 2012	

© World Hovercraft Federation

The information contained within this publication must not be copied or duplicated without prior permission of the World Hovercraft Federation (WHF).
The WHF gives express permission for member countries to adopt these procedures in all, or in part, or integrate into their own regulations.

For further information regarding this publication, please contact the Secretary:

Christel Martens
World Hovercraft Federation
Franciscusstraat 41
6681 VP Bemmell
The Netherlands
[Tel:+31-481-450471](tel:+31-481-450471)

Email: worldhovercraftfederation@planet.nl

1. INTRODUCTION

1.1 Foreword

- A. This compliance checklist must be used in conjunction with the WHF Construction Regulations for racing hovercraft in force at the time of presenting the craft for its initial scrutineering.
- B. The purpose of this checklist is to provide the Governing body with evidence that any craft presented for entry to a WHF event complies with the Construction Regulations in force at the time.
- C. It is the responsibility of the person presenting the craft for an initial scrutiny to ensure that the craft that they are presenting complies with the regulations. In some cases additional information will be required as evidence.
- D. The form must be completed and signed by the applicant prior to presenting the craft for scrutiny.

1.2 Definitions

- A. Applicant
 - a) The Applicant is the owner and/or driver making the application.
- B. Scrutineer
 - a) A Scrutineer is defined as a Technical Representative and must be recognised as such by the Host Nation.
 - b) The Host Nation SHALL keep records of who they have nominated as Scrutineers. The WHF MAY request these records from the Host Nation.
 - c) The Host Nation SHALL keep records of the qualifications and/or experience of persons nominated as Scrutineers. The WHF MAY request these records from the Host Nation.

1.3 Process

- A. The Applicant SHALL complete this form to the best of his/her ability. It is NOT the responsibility of the Scrutineer to complete this form.
- B. Craft suppliers SHOULD supply a copy of this form with the craft. The form should be completed to a level appropriate to the state of supply. i.e. a form supplied with a complete craft would contain significantly more information than that supplied with a bare hull.
- C. Once completed the applicant should arrange for scrutineering in accordance with document WHF008.
- D. Once scrutineering is complete, the applicant may apply for a Craft Registration Document WHF0014.

1.4 Reference Publications

Ref No.	Title	Issuing Organisation
WHF002	Construction Regulations for Racing Hovercraft	World Hovercraft Federation
WHF008	Scrutineering and Compliance Procedure	World Hovercraft Federation
WHF014	Hovercraft Registration Document	World Hovercraft Federation

Table 1-1:- Reference Publications

Page 1 should be completed by the **craft owner** who must have read and understand the current HCGB Racing Hovercraft Construction Regulations. By signing this form the owner declares that the craft conforms to the Racing Hovercraft Construction Regulations in force at that time and that they understand that the Scrutineer is carrying out a safety check and as such may only observe any obvious deficiencies and defects that may reasonably be expected to be observed without dismantling the craft and without use of measuring equipment.

Page 2 of this form should be completed by the **Scrutineer** appointed to undertake the Initial Scrutiny for new registrations or change of craft specification.

For change of owner only page 1 is required. For new registration and Change of craft spec, both pages 1 and 2 are required.

Please tick:

☐ New Registration

☐ Change of Owner

☐ Change of craft Spec

Craft Owner Details	
Name	Address
Telephone Number	
Email address	
Previous owner (if applicable)	

Hull Details	
Hull Reg Number	
Hull Manufacturer	Un-laden weight
Craft Model	Bouyancy Type
Craft Builder	Bouyancy Volume (litres)

Craft Specification					
Description of change to craft spec:					
Please tick:					
<input type="checkbox"/> Replacement configuration			<input type="checkbox"/> Alternative configuration to be use interchangeably		
Craft Specification	Thrust / integrated	Propshaft	Lift	Alternative Configurations	Alternative Configurations
Engine make & model					
Built in rev limiter? (If yes state limiting RPM)					
Transmission Type (eg. Belt, chain, direct, gearbox)					
Engine capacity CC					
Fan blade make (eg. Multiwing)					
Fan blade type (eg. 5Z, HL)					
Fan blade material (eg. PAG)					
Number of blades in use					
Fan hub make (eg. Hascon)					
Number of socket/lobes in fan hub (eg. 8 blade)					
Engine pulley RPM					
Reduction Ratio					
Fan diameter					
Tip speed (m/s)					

Signed Owner:	Date:
---------------	-------

General	Insert tick or comments in box	
Check registration application form		
Racing No (Write No)		
Hull condition		
Underside of hull (damage/protrusions)		
Skirt condition		
Buoyancy		
Tow rope float & towing eye		
Roll protection		
Handles (Strength & not close to exhaust)		
Fan guarding from behind		
Thrust fan/prop security		
Rudders (operation/security)		
Sharp edges external/over hanging parts		
Sharp edges internal		
Rudder/ elevator/ splitter controls		
Throttle fly back		
Lift throttle return		
Wiring		
Lanyard		
Battery isolator & symbol		
Battery restraint		
Fuel tank security		
Fuel lines, vent pipe, taps & special fuel warning circle		
Floatation Test		
Additional Comments:		
Scrutineer (Print Name):	Scrutineer Signature:	Date:

Thrust/Integrated engine	Insert tick or comments in box
Rotating assembly guarding & flail guards (fan/prop, shafts, couplings)	
Guard fixing	
Max fan/prop RPM (specify)	
Belt & pulleys	
Fan/prop type & condition	
Fan/prop approved for this installation	
Exhaust condition & hot spots	
Engine mounting (failsafe)	
Frame condition	
Cooling system (radiator/hoses/cooling fan)	

Lift engine/Propshaft	
Rotating assy. guarding (fan & shaft)	
Guard fixing	
Max fan/prop RPM (specify)	
Frame mounting (failsafe if applicable)	
Belts, pulleys, gearboxes	
Fan/prop type & condition	
Fan/prop approved for this installation	
Exhaust condition & hotspots	
Frame condition	
Cooling system (rad/hoses/fan)	
Propshaft condition & couplings	