

# Kart Technical Exception Class Approval

Ref: **KTE-2012-126**

The MSA can confirm that ABkC has been granted permission to run the Honda Senior Class in the UK. Class Regulations will be reviewed by the MSA on a yearly basis.

## Details:

Class Regulations as attached.

**Date Approved:** 16 December 2011

MSA Stamp & Signature:



**JOE HICKERTON**  
MSA Technical Administrator

**HS1.0 Group Senior (Direct Drive)**  
**HS1.1 Class Honda Senior**  
**Affiliation ABkC**

**HS1.2 Introduction.** Budget Senior class. This class is included in the Super Two ABkC Four Stroke Kart Championship. The engine is homologated with the MSA. Full details from ABkC at Stoneycroft, Godsons Lane, Napton, Southam CV47 8LX. Website: [www.abkc.org.uk](http://www.abkc.org.uk)

**HS1.2.1** The use of a rev-counter and data logging is permitted.

**HS1.3 Chassis.** Wheelbase to be between 104 – 108cms The rear axle is to be constructed from 30 mm nominal diameter solid or hollow magnetic material. An extended width rear bumper is mandatory. The bumper is to be constructed from a minimum 25mm nominal diameter 14g magnetic steel tube. The bumper must form an extended loop of 180mm ± 10mm centres with the bottom loop centre 60mm ± 10mm from the ground in dry configuration. The horizontal rails must be wider than the outer chassis rails. The bumper must be supported in a minimum of two places from the chassis and be of such a construction to withstand substantial impact. In side view the bumper will be in the vertical plane. The overall width of the bumper must not exceed the rear width of the kart at any time; The measurement to be taken at the outside of the rear wheel or tyre, whichever is the greater and must cover a minimum of 50% of each rear wheel/tyre at all times. Adjustable width bumpers are not permitted.

**HS1.3.1 Side Pods.** The fitting of side pods is mandatory and they must comply with current MSA Competitors' and Officials' Yearbook regulations but with the following additional provision. Side pods may be cut away on their inner, upper and lower surfaces by the minimum amount to clear an engine and its attachments. The upper and lower surfaces may be cut away up to a maximum of half the width of the surface.

**HS1.4 Engine.** Twin Honda engines of the GX160T1 'QHQ4' or GX160UT1 'QHQ4' or 'QHG4' or GX160UT2 'QHQ4' or 'QHG4' designation or as subsequently modified are to be fitted. Engines must comply with the ABkC Honda GX160 Technical Regulations Version 7 of January 2012 or as subsequently modified which are available from the ABkC

**HS1.5 Transmission.** For clutch see ABkC Honda GX160 Technical Regulations. Drive is to be by 219 chain or by belt. Drive protection must be according to current MSA Competitors' and Officials' Yearbook regulations. Chain protectors may be attached to the sprockets.

**HS1.6 Brakes.** One mechanical/hydraulic disk brake to be fitted to the rear axle and disc to be made of metal only and in accordance with MSA Competitors' and Officials' Yearbook regulations.

**HS1.7 Tyres.** Tyres are as follows:-

<b>Slicks:</b>	Dunlop SL1	Front: 10 x 4.5 x 5	Rear: 11 x 7.1 x 5.
<b>Wets:</b>	Dunlop KT3	Front: 10 x 3.6 x 5	Rear: 11 x 6.0 x 5

**HS1.8 General.**

**HS1.8.1 Retail Price.** Not applicable

**HS1.8.2 Weight.** Minimum weight of the kart inclusive of engine, driver and engine oil is to be not less than 175kgs.

**HS1.8.3 Plates.** Number plates are to be white with red numbers. U17.27 applies.

**HS1.8.4 Age.** 16 years plus. The Senior class for those who are 16 years and above except for existing competitors transferring from a Junior class, subject to U15.2.1 of the MSA Competitors' and Officials' Yearbook.

**HS1.8.5** Honda will not accept warranty claims on engines used in any practice or racing capacity. Class approval by MSA by KTE-2012-126