

# Australian Motor Racing Commission Meeting

## 07/04/2015

**AGENDA NO:**

*(Office Use Only)*

Estimated Time Required: 15 minutes

## **DECISION PAPER**

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### **SUPERKART 125cc NATIONAL CLASS - AMMENDMENT TO MINIMUM WEIGHT**

#### **PURPOSE OF RECOMMENDATION**

A submission has been received from Superkarts Australia (SKA) requesting an amendment to the minimum weight of 125 Gearbox National Class.

The Minimum Weight for 125 Gearbox National class has not been reviewed for at least ten years and does not otherwise move generally in line with CIK classes as do the 250cc Classes. The weight change recommended is determined from accurate recorded CAMS race event data, a consideration of similar class weights overseas, and broad discussion with the class competitors. The implementation date (outlined below) is adequate lead time for 2015 Championship competitor preparations.

#### **SUMMARY:**

SKA received a number of requests from 125 National class competitors requesting a review of the minimum weight for the class. Competitors believe the current weight is incorrect and not indicative of the current class situation. They are in favour of raising the weight to a new limit derived by accurate assessment to improve class parity. An analysis of historical data indicates that the current minimum should be raised due to the long term recording of the majority of competitors running at well over the recorded mean average. Of concern also was a revealed competitor strategy of potentially unsafe lightening to attempt to maintain competitiveness nearer the current low limit. Class evolution over the data review has seen the introduction of more bodywork elements, high back seats, data acquisition instrumentation and revised chassis designs, which have each added to total vehicle weight.

#### **BENEFITS:**

A more appropriate weight for this class will improve class parity and encourage increased competitor participation and interest in this class. Raising of the minimum weight for 125 National will reduce the competitor interest in lightweight components and expensive composites use, which assists to maintain costs at reasonable levels.

**RISKS: N/A**

**CONSULTATION:**

1a. Does this issue affect any other category?

YES  NO

1b. If YES, which categories?

2a. Has the affected category been given a copy?

YES  NO  N/A

2b. Has the affected category given their support to the proposal?

YES  NO  N/A

3. Has a copy been provided to the NRAC Review Committee?

YES  NO  N/A

**ISSUES CRITICISED OR SUPPORTED: N/A**

**DETAILS OF RECOMMENDATION:**

As detailed in summary above

**REFERENCES ATTACHED:**

- 1) SKS REVIEW OF CHAMPIONSHIP CLASS WEIGHTS
- 2) 2010 MORGAN PARK & 2012 QLD RACEWAY WEIGHT RECORDS
- 3) ASKC ORAN PARK WEIGHT RECORDS
- 4) 2014 PHILIP ISLAND WEIGHT RECORDS
- 5) 2014 SMSP WEIGHT RECORDS

**RECOMMENDATION/MOTION:**

For the AMRC to RESOLVE to APPROVE amending the Superkart Technical Regulations to increase the minimum weight for 125cc Gearbox National from 180kg to 190kg, with an implementation date of 30<sup>th</sup> April 2015.

**AUTHOR:**

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