

10 May 2021

RE: **PROPOSED TOSSING / RACE TRAILER FOR MAZDA UTE**

### **Introduction**

As announced at the Chairmen & Secretaries Meeting 7/5/21 ref item 4.g Interested Members wishing to contribute to this requirement are asked to register for this project.

### **Step 1 Concept development**

1. Trailer type examples Flat Top / Car Carriers see sketches  
Discuss SA Gov regulations and vehicle Gross Combined Mass
2. Trailer type/size to determine bird capacity  
For tossing ascertain acceptable no of birds per sq metre.
3. General configuration to make fit for purpose. See sketch  
Height to suit loading practicalities  
Discuss race accessories storage requirements – food water etc
4. To provide a budget estimate  
Note refer Modern Trailers website pricing for base trailers  
As noted on sketches. Many variations on their website.  
Most likely some alteration to their configuration will be required.

### **Step 2 Detail Design**

1. Material selection - steel vs aluminium – flooring ply vs metal  
General method of construction
2. Door layout – loading – release – cleaning. Door sizes.
3. Hinge types – Lock types
4. Race accessories eg water and feed trays
5. Additional lighting above trailer supply?

### **Step 3 Member involvement in manufacture process**

1. Make a list of any Members of suitable ability who are prepared to assist – save money. Only required if project passed by SAHPA Committee.  
As examples – floor fixing if screw/rivet fixed  
Door / lock fixing if screw/rivet fixed  
Painting

R. Hill D. Walker

SAHPA MAZDA TRAILER.docx