

# AUSTRALIA DAY CLASSIC

FRIDAY 24<sup>TH</sup> – SUNDAY 26<sup>TH</sup>

JANUARY 2025



60-62 BOAT HARBOUR DRIVE

PIALBA QLD 4655

# EVENT TIMETABLE

## FRIDAY 24<sup>TH</sup>

Track Opens 8am - FREE PRACTICE until 4pm on the KING track

- Flexi DTM Sedan - 1pm (FLAT TRACK)
- KC 450KV GTP - 5pm (KING TRACK)

## SATURDAY 25<sup>TH</sup>

Track Opens 8am - FREE PRACTICE until 9am on the KING track

- Wing 12 - 10am
- 27-Lite 1 Hour After Wing 12

## SUNDAY 26<sup>TH</sup>

Track Opens 8am - FREE PRACTICE until 10am on the KING track

- International 15's - 10am
- G7 2MO 1 HOUR After International 15's

A minimum of 15 minutes between Heats & Finals.

A minimum 1 Hour between Start of Next Class & End of Final.

NO Event shall Start before it's advertised time.

## GENERAL RULES

**Race Entry Drivers may compete in any or all events.**

**An entrant shall be deemed to consist of one driver and one car.**

**The entrant having paid their entry fees for an event shall comply with the regulations as set down and abide by the decision of the race director / race committee.**

**Cars and scrutineering Cars must comply with the specifications for their class and any relevant general rules at all times while racing.**

**All repairs and replacement parts must comply with the specifications for their class.**

**Any component may be replaced with the exception of chassis or body. Cars will be inspected before qualifying and prior to all finals.**

**After preliminary inspection all cars will be impounded.**

**Any car may undergo a tear down inspection after racing.**

**The scrutineer's interpretation of the class rules shall be final.**

**The scrutineer is also empowered to rule on any area of the cars construction not specifically covered by the rules.**

**Any other areas not covered by these rules will be dealt with by the race committee.**

**Drivers conduct Drivers and their pit crews are expected to conduct themselves in professional manner at all times.**

**Abusive, offensive or unsportsmanlike conduct will result in immediate penalties being imposed.**

**Drivers are warned they are responsible for the conduct of their pit crews**

**A race committee may be formed comprising of 3 independent drivers as selected by the race director to adjudicate on any matter or dispute that is or may not be covered by these rules, this will be done in conjunction with the race director and Scrutineer.**

**Any dispute arising during a race will be dealt with on the spot, the race will be suspended, and the race committee will meet and make a decision regarding the dispute within a 2-minute time frame.**

**The race committee's decision will be final.**

**Once a decision has been formed and handed down the race will resume.**

## **Controllers and driving**

Any controller device may be used as long as it does not increase voltage to the track. The race director may inspect controllers at his discretion. Any device deemed to interfere with the track computer system shall be banned from the event. Only the driver may operate any device that controls their car on the track. There must be no outside assistance in the operation of controllers or chokes etc. Drivers must stand at the control panel for their lane when driving. Only drivers in the current race will be allowed at the driver's panel. Special consideration will be given to disabled drivers.

## **Marshalling**

The race director will advise Drivers of their marshalling duties. Failure to perform required duties will result in a penalty Drivers who are unable to marshal due to a disability are required to nominate an acceptable substitute.

## **Penalties**

If required, the race director will apply penalties for rule infractions. Penalties may range from warnings to exclusion from the event.

## **Black flag**

The race director will demand the removal from the track of any car which is dragging on the track, interfering with other cars or continually de slotting.

The car may be repaired and returned to the track.

**Cars that cause multiple track calls will be asked to take it off and inspect for 10 seconds before resuming the race.**

## **Guide and lead wire**

Only one guide per car.

Guide clips may be used.

Any lead wire may be used.

## **Front wheels**

Cars where applicable must be fitted with two front wheels located in the normal position.

Must be equipped with rubber type tyres; (Full rubber type wheels are acceptable on wing cars only)

Wheels must contact the track surface before any part of the chassis when the car is rocked from side to side.

Minimum wheel diameter .500" for all classes. Wheel stickers are acceptable in Sedans.

## **Rear wheels**

Any compound rear wheels may be used.

No Speed type rubber or rubber deemed as Speed type rubber may be used in any race.

Determination will be at the discretion of the Race Director.

Use of this rubber may result in penalties to the racer, up to and including disqualification.

## **Bodies**

An entrant may only use one body per class. Air control devices may be replaced if damaged during racing. All bodies must be commercially available. Bodies must cover the entire chassis and the guide. No parts may protrude other than rear tyres.

## **Bodies cont'd**

Where a particular body or range of bodies is specified, they must be **ON** the manufacturers intended cut line.

Bodies must be painted to appear opaque with the exception of windows, which must be left clear.

Front wheel arches must also be left clear or cut so that front wheels are inside of the car front to rear side to side and clearly visible.

Interiors, where required must be painted a minimum of three colours so as to maintain an appearance of realism and be of the correct scale and size to cover the entire cockpit.

Bodies may be reinforced with tape and /or other suitable materials.

Air controls devices must be clear or translucent although stickers, stripes and tape may be added.

Front edges of side dams should be taped to avoid injury to marshals and spectators.

Maximum Height (wing cars) 63.5mm. Maximum length front diplane 12.7 mm

## **Class Clearance & Width**

**Sedans: .047 & 85mm**

**Wing Cars: .062 & 83mm**

## **GOOING**

For all classes Track will be conditioned by the race director prior to commencement of racing and as deemed necessary between races. No other traction compound may be added to the track. It has been found that the use of natural rubber compounds leads to a build-up of rubber on the track, which can make racing most unpredictable. If this should occur the race director may choose to clean and condition the affected area between races.

## **RACING FORMAT**

**ALL Classes are Finals ONLY**

### **27L AND 2MO**

**Will be Seeded as FAST to SLOW All Cars will be impounded after qual.**

**Drivers may only check braid and place lane stickers on start line.**

**Oiling can only be done during their qual minute.**

### **ALL OTHER CLASSES**

**Will Be seeded as fast to slow. Fastest Qualifiers in the last race. All cars are impounded after qualifying but will have 10 min to work on the cars before race starts.**

**No artificial cooling spray or otherwise permitted in qualifying.**

**In 27 Lite and OMO, oiling of car must be done while track is ON for your qualifying session.**

**Once time is up it is placed in Parc fermé**

# Flexi DTM Sedan

**Entry Fee: \$20**

**Prize Money: 1<sup>st</sup> \$500, 2<sup>nd</sup> \$250, 3<sup>rd</sup> \$100**

**Race Event Accumulated Points – 1<sup>st</sup> 25 Points, 2<sup>nd</sup> 20 Points, 3<sup>rd</sup> 16 Points etc.  
Awarded to the drivers from the highest lap score and the lowest deemed to be first to last place in class.**

## **Race Duration:**

**Qualifying 1 Minute - NO BYE**

**Final 3 Minute Brackets / 2 Minute Lane Change**

## **BODY :**

**Ralphe Thorne NSX .007 OR .010**

**Cut along the Manufacturers 'Cut Line'**

**You may Cut Out the Back**

**NO Interior required**

**Wheel Stickers permitted**

**ABCD DTM Body .007 OR .010**

**Cut along the Manufacturers 'Cut Line'**

**You may Cut Out the Back**

**NO Interior required**

**Wheel Stickers permitted**

## **CHASSIS:**

**JK C21 ONLY** All original dimensions, mounting points and basic configuration must be retained with the following exceptions. - NO alum side pans, plating may be removed to facilitate soldering of chassis parts.

**Rear axle tube and /or wire brace may be added.**

**Rear axle height may be altered provided NO Material Other than Plating is removed.**

**Tape may be used to aid in chassis performance. Front axle where fitted, maximum diameter 0.062" Front wheel retainers may be substituted or soldered in place. Front axle may be soldered in place or braced to prevent rotation.**

## **REAR AXLE:**

**3/32 Solid Steel ONLY. OILITE type Bushings may be glued or soldered in place**

## **GEARS:**

**64 Pitch or 48 Pitch OPEN Gearing**

## **MOTOR:**

**PLAFIT Cheetah 4 ONLY.**

**NO Modifications at all ANY signs of Tampering will be an instant Disqualification**

**TYRES: ANY 3/32 Commercially available with a Maximum Diameter of .765**

# KC 4500KV GTP

**ENTRY FEE: \$20**

**PRIZE MONEY: 1<sup>st</sup> \$500, 2<sup>nd</sup> \$250, 3<sup>rd</sup> \$100**

**Race Event Accumulated Points – 1<sup>st</sup> 25 Points, 2<sup>nd</sup> 20 Points, 3<sup>rd</sup> 16 Points etc.  
Awarded to the drivers from the highest lap score and the lowest deemed to be first to last place in class.**

## **RACE DURATION:**

**Qualifying 1 Minute - NO BYE**

**Final 3 Minute Brackets / 2 Minute Lane Change**

## **BODY:**

**ANY COMMERCIALY AVAILABLE "GTP" STYLE BODY OPEN OR CLOSED COCKPIT**

## **CHASSIS:**

**ANY Commercially available "Flexi" style chassis **NO ALUMINIUM PANS ALLOWED****  
**All original dimensions, mounting points and basic configuration must be retained with the following exceptions.**

**Plating may be removed to facilitate soldering of chassis parts.**

**Rear axle tube and /or wire brace may be added.**

**Rear axle height may be altered provided NO material other than plating is removed.**

**Tape may be used to aid in chassis performance.**

**Front axle maximum diameter 0.062" Front wheel retainers may be substituted or soldered in place.**

**Front axle may be soldered in place or braced to prevent rotation.**

## **REAR AXLE:**

**3/32 Solid Steel. Oilites or Ball Bearings may be used, Glued or Soldered in place**

## **GEARS:**

**OPEN Gearing 64 Pitch or 72 Pitch may be used**

## **MOTOR:**

**KC RACING 4500KV ONLY**

## **ESC:**

**+ONE, WestRock, DoSlot, Mid America ONLY may be used**

## **TYRES:**

**ANY Commercially available Tyre may be used .500 Hub ONLY  
May be Cut Down**

# WING 12

**ENTRY FEE: \$30**

**PRIZE MONEY: 1<sup>st</sup> \$500, 2<sup>nd</sup> \$250, 3<sup>rd</sup> \$100**

**Race Event Accumulated Points – 1<sup>st</sup> 25 Points, 2<sup>nd</sup> 20 Points, 3<sup>rd</sup> 16 Points etc.  
Awarded to the drivers from the highest lap score and the lowest deemed to be first to last place in class.**

**RACE DURATION:**

**Qualifying 1 Minute - NO BYE**

**Final 3 Minute Brackets / 3 Minute Lane Change**

**BODY:**

**ANY Winged body; Driver Stickers Required**

**CHASSIS: ANY Commercially available Steel Chassis**

**Weight may be Cut Out, NO other Modifications**

**CAR WEIGHT:**

**NO MINIMUM WEIGHT LIMIT**

**GEARS:**

**ANY**

**REAR AXLE:**

**ANY 3/32 Ball Bearings permitted**

**TYRES: PLAIN HUB MAXIMUM HUB DIAMETER .500**

**MOTOR:**

**Any mass produced Full Size 'C' can set up and end bell excluding those made from a metal or alloy of metals. NO Strap cans.**

**Must use original brush hoods and buss bars, spring post may be substituted. End bell and hardware may not be modified in any way End bell to can and hardware screws may be added and or substituted. Can may not be modified in any way except for the following. Notching for axle clearance. Removal of paint to facilitate soldering Oilite hole may be centred. A small hole may be drilled in each side of the can to aid in the gluing of magnets (2mm max) bearing permitted in both ends of motor.**

**Any full can height, Single piece Ceramic magnet may be used [No Quads Except for Proslot SMQ] Magnets may NOT contain ANY Rare Earth materials. Magnets may be glued, shimmed, radiused and polished. Any brushes and springs may be used. Shunt wire and insulation may be used.**

**Any tagged X-12 or X12+ armature with a Minimum stack length of 0.350" and Minimum 50 series wound turns of 29 gauge [AWG wire may be used.**

**Minimum armature diameter 0.512" Armature spacers may be used**

# INTERNATIONAL 15

**ENTRY FEE: \$30**

**PRIZE MONEY: 1<sup>st</sup> \$500, 2<sup>nd</sup> \$250, 3<sup>rd</sup> \$100**

**Race Event Accumulated Points – 1<sup>st</sup> 25 Points, 2<sup>nd</sup> 20 Points, 3<sup>rd</sup> 16 Points etc.  
Awarded to the drivers from the highest lap score and the lowest deemed to be first to last place in class.**

## **RACE DURATION:**

**Qualifying 1 Minute - NO BYE**

**Final 3 Minute Brackets / 3 Minute Lane Change**

## **BODY:**

**ANY Winged body; Driver Stickers Required**

## **CHASSIS:**

**ANY**

## **REAR AXLE:**

**ANY**

## **GEARS:**

**ANY**

## **MOTOR:**

**Any mass produced Strap or 'U' bend type cans are permitted.**

**Minimum internal width .835" Cut out and machine work are permitted.**

**Any Ceramic magnets may be used Rare Earth materials are Forbidden.**

**Magnets may be shimmed, glued, radiused and polished.**

**Any end bell and hardware may be used.**

**End bell to can mounting screws may be added and / or substituted.**

**Any brushes and springs may be used. Shunt wire and insulation are permitted.**

**Any bearings allowed.**

**May be soldered or glued in place.**

**Any machine wound, Tagged "15" or "INT15" armature with a Minimum stack length of .440" and a Minimum of 50 series wound turns of 29 gauge [AWG] wire may be used.**

**Armature spacers may be used**

# 27 LIGHT

**ENTRY FEE: \$30**

**PRIZE MONEY: 1<sup>st</sup> \$500, 2<sup>nd</sup> \$250, 3<sup>rd</sup> \$100**

**Race Event Accumulated Points – 1<sup>st</sup> 25 Points, 2<sup>nd</sup> 20 Points, 3<sup>rd</sup> 16 Points etc.  
Awarded to the drivers from the highest lap score and the lowest deemed to be first to last place in class.**

**RACE DURATION:**

**Qualifying 1 Minute - NO BYE**

**Final 4 Minute Brackets / 3 Minute Lane Change**

**BODY:**

**ANY Winged body; Driver Stickers Required**

**CHASSIS:**

**ANY Steel Chassis**

**REAR AXLE:**

**ANY**

**GEARS:**

**ANY**

**MOTOR:**

**Maximum of 2 motors.**

**Single Magnets (no larger than 400x440 +-5%).**

**Any tagged 27 armature with a Minimum Stack length of .440 and a Minimum 38 series wound turns of 27 gauge (AWG) wire may be used.**

**Bearings Allowed**

# G7/2MO

**ENTRY FEE: \$35**

**PRIZE MONEY: 1<sup>st</sup> \$500, 2<sup>nd</sup> \$250, 3<sup>rd</sup> \$100**

**Race Event Accumulated Points – 1<sup>st</sup> 25 Points, 2<sup>nd</sup> 20 Points, 3<sup>rd</sup> 16 Points etc.  
Awarded to the drivers from the highest lap score and the lowest deemed to be first to last place in class.**

**DURATION:**

**Qualifying 1 Minute - NO BYE**

**Final 4 Minute Brackets / 3 Minute Lane Change**

**BODY:**

**ANY Winged body; Driver Stickers Required**

**CHASSIS:**

**ANY**

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**REAR AXLE:**

**ANY**

**GEARS:**

**ANY**

**MOTOR:**

**ANY Open motor. Limited to 2 (You May SWAP Back to your First Motor )**

# EVENT POINT SYSTEM

1<sup>ST</sup> – 25 POINTS

2<sup>ND</sup> – 20 POINTS

3<sup>RD</sup> – 16 POINTS

4<sup>TH</sup> – 12 POINTS

5<sup>TH</sup> – 11 POINTS

6<sup>TH</sup> – 10 POINTS

7<sup>TH</sup> – 9 POINTS

8<sup>TH</sup> – 8 POINTS

9<sup>TH</sup> – 7 POINTS

10<sup>TH</sup> – 6 POINTS

11<sup>TH</sup> – 5 POINTS

12<sup>TH</sup> – 4 POINTS

13<sup>TH</sup> – 3 POINTS

14<sup>TH</sup> – 2 POINTS

15<sup>TH</sup> – 1 POINT

THE OVERALL WINNER (**MOST ACCUMULATED POINTS**) AFTER ALL EVENTS ARE COMPLETED  
WILL RECEIVE: \$2000.00 AUD PRIZE MONEY

SECOND PLACE - AFTER ALL EVENTS ARE COMPLETED: \$600.00

THIRD PLACE - AFTER ALL EVENTS ARE COMPLETED: \$300

**Points will be allocated the drivers from first to last based on the number of laps accumulated in each class.**

**The winner of each class will be the driver with the most laps accumulated during the race minor placings will follow on respective laps numbers accumulated throughout the field.**

## LOCAL ACCOMMODATION AVAILABLE

### **Pialba Motor Inn**

29 Boat Harbour Drive, Urraween Qld 4655  
(07) 4128 1911

### **Mantra Hervey Bay**

Buccaneer Drive, Urangan Qld 4655  
(07) 4197 8200

### **BIG4 Hervey Bay Holiday Park**

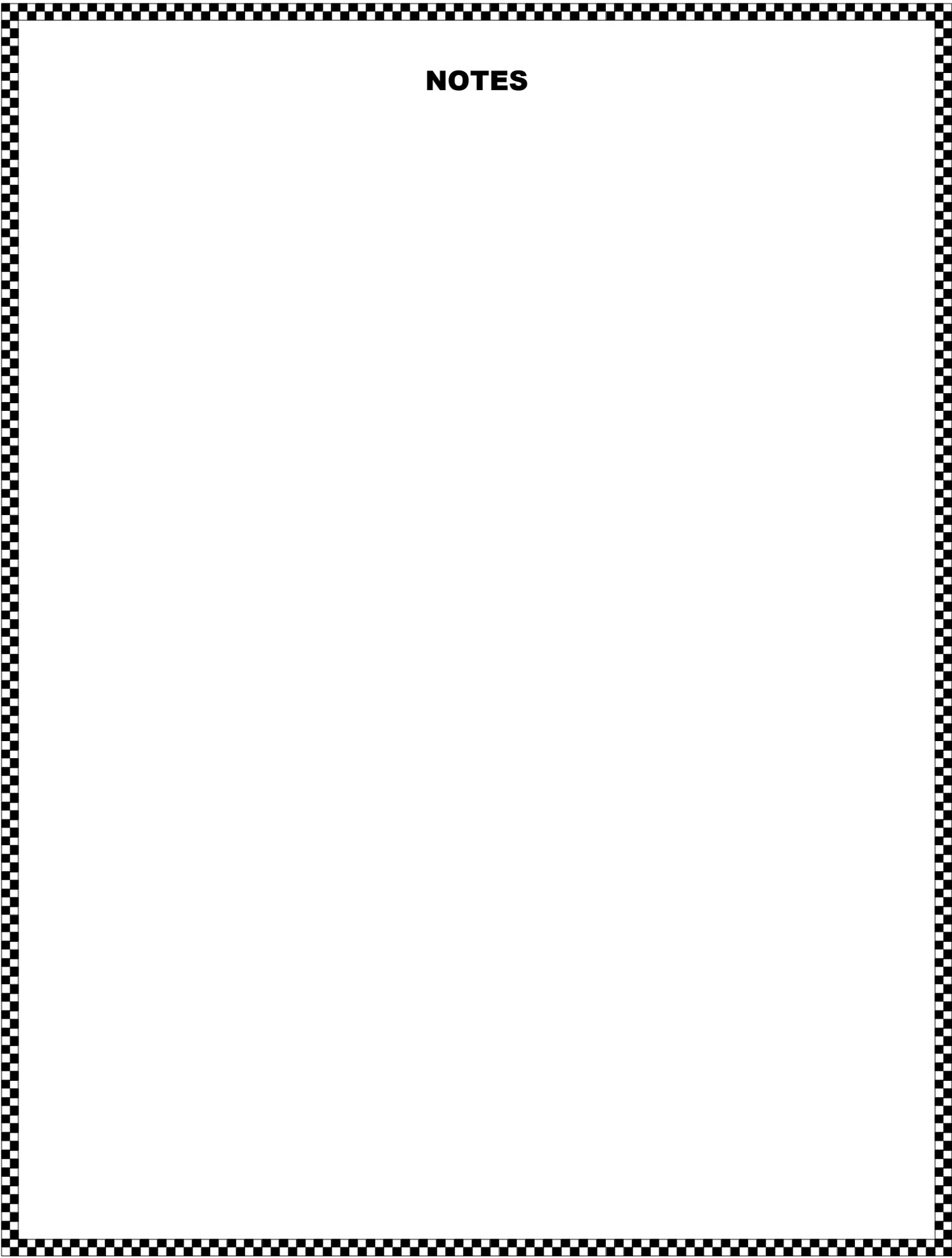
26 Corser Street, Point Vernon Qld 4655  
(07) 4128 1423

### **Discovery Parks Hervey Bay**

Fraser Street, Torquay Qld 4655  
(07) 4124 9999

### **Comfort Inn Hervey Bay**

66 Main Street, Pialba Qld 4655  
(07) 4128 366



# NOTES