



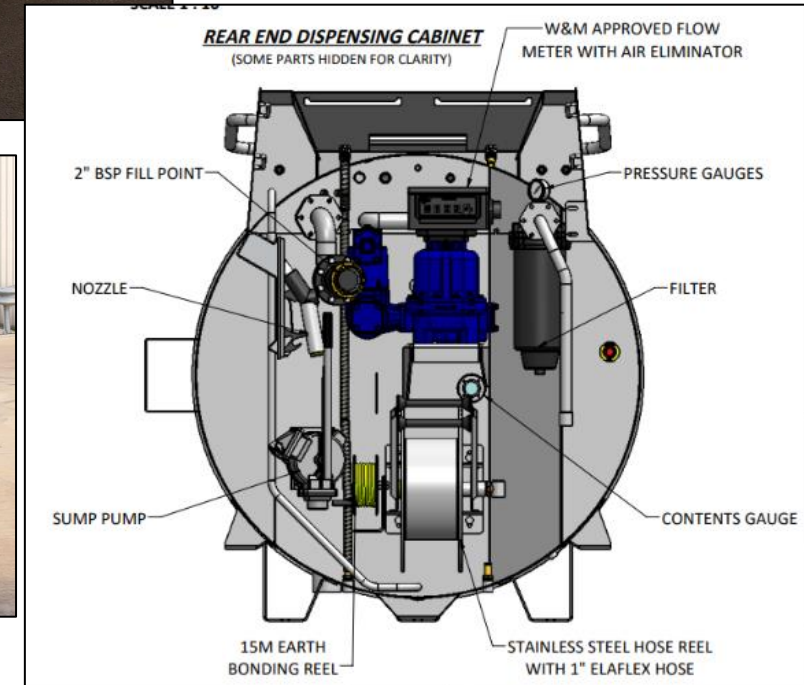
# Aeroclub AVGAS Fuelling Facility



# The Bowser

## Specifications

- 2000ltr Highway Aviation Bowser.
- Manufactured to CAA Guidelines and fully compliant.
- 110% bunders Stainless Steel inner tank.
- 12v Battery operated fuel pump.
- 15m earth bonding cable.
- 14m fuel hose.





## AVGAS fuelling Location

The AVGAS fuelling area is to the south of holding point Hotel on the matted section of grass.





## Bowser Fuelling Process

1. Ensure aircraft is suitably positioned to the bowser for refuelling
2. Unlock bowser and open rear cabinet door
3. RECORD TOTALISER START VALUE on **Fuel Issue Sheet**
4. RESET REGISTER TO READ **00000**
5. **Connect Earth bonding line to aircraft**
6. **Open** hose reel isolation valve
7. Open the front cabinet door and lift lever to start pump
8. Pull out the hose as required from reel; *the reel has an automatic locking device which will hold reel open a 1 meter intervals*
9. Open trigger to commence refuelling
10. Once refuelling is complete, close the trigger
11. Replace the trigger in trigger holder and **close** hose reel isolation.
12. Stop the pump by closing the front cabinet door
13. Rewind the hose onto reel by pulling the hose slowly forward releasing ratchet locking mechanism and carefully allow hose back onto the reel.
14. **Disconnect and rewind earth bonding line**
15. RECORD REGISTER DISPENSED VALUE on **Fuel Issue Sheet**
16. RECORD TOTALISER FINISH VALUE on **Fuel Issue Sheet**
17. Conduct aircraft fuel / water test
18. Close rear cabinet and lock bowser
19. **Ensure Fuel Issue Sheet and key are returned to JAC Flying Desk**

**IN AN EMERGENCY USE A YELLOW PHONE  
IT WILL CONNECT DIRECT TO ATC**



# Fuelling Issue Record Sheet



## JERSEY AERO CLUB – FUEL ISSUE RECORD



### BEFORE STARTING

- Ensure resettable REGISTER reads **00000** before use
- Note down the TOTALISER value before start

**DATE** .....

**AIRCRAFT REG** .....

<b>Start</b>	1	2	3	4	5	6	7	8	
<b>Dispensed</b>				1	2	3	4	5	• <input type="text"/>
<b>Finish</b>	1	2	3	4	5	6	7	8	

**SIGNATURE**.....





## APPENDIX 6 – AVGAS AIRCRAFT MANUEVERING

Below is the preferred manoeuvring for aircraft using the refuelling facility.

**AIRCRAFT MUST NOT QUEUE ON THE TAXIWAYS FOR FUEL**

**IF REFUELLING IS IN USE, YOU MUST PROCEED TO PARK**

- The refuelling bowser is depicted by the **RED** box.
- The matted areas is depicted by the **GREEN** area
- The **YELLOW** lines and arrow depict the direction of aircraft using the facility



### NOTES:

- Port wingtip should point towards the bowser
- The refuelling hose is 14 meters
- Aircraft may position to bowser from
  - Grass parking
  - JAC Apron
  - After landing

## Fuelling Good Practice

To prevent damage to the earthing cable connection, hold the wire and not the clip when pulling out.



The same applies for the Fuel Hose. Always hold the hose and not the fuel dispensing gun, when pulling out the hose





## Fuelling Safety



**SMOKING AND NAKED FLAMES PROHIBITED.** Smoking around live fuel is a serious fire risk



**NO MOBILE PHONES.** Mobile phone use during tank usage poses a fire risk, and is a distraction to the operator



**NO UNAUTHORISED PERSONNEL.** Only users with correct training should operate this equipment



**Pilot Only.** Passengers remain clear and out of the aircraft when fuelling



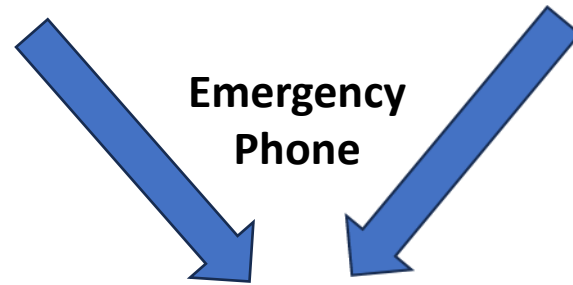
**Thunderstorms.** Don't fuel in or when thunderstorms are in the vicinity

## Emergency Procedures



### Fire

- Evacuate the fuelling area.
- Hit the emergency stop button.
- Use the Emergency Phone to call ARFFS.
- If safe to do so, use the fire extinguisher to tackle the fire.
- If it is not safe, remain clear at a distance near the emergency phone.
- **Do Not Go Back** for belongings.



### Fuel Spills

- Hit the emergency Stop button.
- Use the Emergency Phone to call ARFFS.
- Grab the spill kit and use the contents to capture the fuel, if safe to do so.
- Remain clear at the emergency phone.
- Stand by with the fire extinguisher.
- **Do Not Go Back** for belongings.



Q&A

Thank you

