

SPECTRUM SAFETY NEWSLETTER

"Pre Flight Inspection"

Weight & Balance



- It is the PIC's responsibility to ensure that the aircraft weight and balance is within limits
- If you need less than full tanks, Spectrum Airways must be notified at least 24 hours in advance of your request
 - Due to weather and maintenance cancellations, Spectrum Airways will not *guarantee* that an aircraft will have less than full tanks at the time of your booking (but we will try our best)



Documents

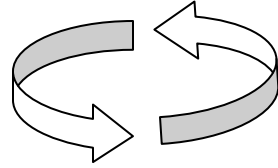
- It is the PIC's responsibility to ensure that "AROWJELI" is on board:
 - Ensure that the "document folder" is on board
 - Ensure that the "Emergency Procedures Checklist" is "readily accessible to the PIC in flight"
 - Ensure that you carry your Licence, Medical Certificate and Restricted Radio Operator's Certificate
 - Ensure that you take the Journey Log Book whenever you plan on touching down at any other airport



Long Range or Standard Tanks?

- Spectrum Airways has a varied fleet of aircraft
- Ensure that you know what the total useable fuel capacity is for the aircraft that you are flying prior to starting your walk around

External Check (Walk Around)



- If you will be flying at night, check the internal and external lights
- Always confirm that the **Master** and **Magnetos** are OFF, prior to conducting your walk around
- Always **assume** that the aircraft will start up if you move or touch the propeller
- When checking the oleo, **DO NOT** grab onto the propeller and pull down towards the ground!!!
- **DO** check the air intake filter for damage or blockage
- **DO** move the aircraft to check for bald spots on the tire

Remember:

If you get fuel after you have finished your walk around, you must check the fuel for water, and visually confirm that you have sufficient fuel AFTER the refuelling is completed

Visually Confirm Sufficient Fuel

- Cessna said it best: “The fuel gauges are only accurate on **FULL** and **EMPTY**”
- Always use the dipstick to confirm the fuel level
- The dipstick is not a calibrated tool!!!!
- If the fuel is up to the top, you have full fuel, this *usually* will be the top line on the dipstick
- Due to the shape of the fuel tank:
 - If it is indicating $\frac{3}{4}$ on the dipstick, you have around $\frac{3}{4}$ tanks
 - If it is indicating $\frac{1}{2}$ on the dipstick, you have around $\frac{1}{2}$ tanks
 - If it is indicating $\frac{1}{4}$ on the dipstick, you have around $\frac{1}{4}$ tanks

