

Keep this handy guide as a reminder

**FREDA  
CHECKLIST**

**F**

**Fuel**

What is our current fuel state, and do we have sufficient remaining?

**R**

**Radio**

Are we on the correct frequency, with a backup Frequency Set? Should we make a required Radio Call?

**E**

**Engine**

Are all the Warning Lights out? Are all Temperatures and Pressures in the Green Arc and Carburettor Heat out of the Yellow Arc.

**D**

**Direction**

Are we on the right Heading or Course? Is our Direction Indicator aligned correctly with our magnetic compass? Does our Current Heading correct appropriately for Wind Drift?

**A**

**Altitude**

Are we flying at the planned Altitude and is it appropriate for the area we are flying over?

**When Should You Use It?**

Periodically throughout your flight & prior to approach to land.

**HASEL  
CHECKLIST**

**H**

**Height**

What height are we currently at and do we have sufficient to undertake the task and safely recover.

**A**

**Area**

Is the area we intend to use generally clear and flat, and are we too close to irritate villages with noise?

**S**

**Security**

Harnesses and Hatches Secure. Any loose articles; phones, maps, etc. That may become dislodged during the manoeuvre.

**E**

**Engine**

Check all Warning Lights, Temperatures and Pressures (T's and P's) are indicating correctly, Carburettor Heat On, and Fuel Quantity Check.

**L**

**Lookout**

Is there any traffic in the area. Maintain a good Lookout in all directions before, during, and after the Autorotation.

**When Should You Use It?**

The HASEL Check, is specific for when we are about to carry out an Autorotation (the Helicopter equivalent to gliding without the engine in order to make a safe emergency landing). HASEL checks are also used by aerobatic pilots before commencing any manoeuvres.