



We've only got one planet earth



Most people are tired of hearing “Global warming”, changing weather patterns and doomsday prophets speaking of catastrophic climate change. As most of you will agree, climate change is happening, if we want to admit it or not, it's happening around us.

There are many reasons and contributors, and according to research, aviation contributes only to 2% of green house gasses in our atmosphere. Global warming is not the only problem, but other pollutants also pose a threat to our fragile planet. These pollutants include incorrectly disposed used oil and chemicals (amongst others).

The largest contributing factor is the high fuel consumption of most aircraft, for example; the largest 4 engine jets burn +/- 12 000 litres of jet fuel per hour, that translates to +/- 120 000 litres of Jet fuel for a flight from Johannesburg to London. This sounds like an astronomical figure, but let's say a 747 aircraft carries 420 passengers, then the fuel burn per person will be 285.7 litres. Translate this to +/- 11 000 km travelled and you've got a fuel consumption figure of 38.5 km / L per single person travelling. This is very economic. The real problem is empty flights and that people fly more frequently in the modern world. It is very important for us at Kriek Helicopters to minimize the impact that our helicopters have on the environment. This is why we apply basic rules to limit the impact we have on the environment.

- We use the latest technology GPS systems to ensure accurate flights and we fly to the areas of operation using the quickest, most economical route. This results in no fuel being wasted due to improper planning.
- We re-use 90% of unusable aircraft fuel, which is drained as fuel samples. The fuel is re-filtered, diluted with standard gasoline and used on ground vehicles.
- We hand-in all used oil for recycling after each oil change.
- We maintain our aircraft to the highest standards and use only approved maintenance centres and engineers with valid AMO licenses, to ensure our aircraft operate safely and efficiently.
- The new Heli Alliance referral network has access to different helicopters across South Africa to reduce unnecessary ferry times, and to offer better operational capability.
- We never overload our helicopters and always operate within safe limitations. This ensures optimal fuel economy and excellent safety for passengers.



Maintenance of R44 Raven II machine



Recycling of used oil

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