



reddoctors

reddoctors is a small group of doctors, health care professionals, technicians, and pilots who support small-scale healthcare projects in low-income regions in Subsaharan Africa.

Our SHIC (small hospital improvement center) in Gauteng/South Africa is our base for training and promoting the service in the SADC-region.

We focus on maintenance of small medical devices, anaesthetic equipment (safer anesthesia) providing technical, logistical and medical support for local health care centers.

One of our ongoing projects is promoting and implementing an affordable disaster relief and medevac airborne system using very light aircrafts (**reddocHawk**) for regions with very limited infrastructure in Subsaharan Africa. Our included **“basic patient transport unit”** also used on road transport, could be a considerable advantage on safer transportation of patients on very little extra costs.

If you are interested in participating in this program or want to have more information, contact us by phone, WhatsApp or email:

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reddocHawk — the “Manned Drone”

Smallest Medivac and Multipurpose Aircraft in the world!

Launch country:

Malawi/Eastafrica – Malawi Aerial Support System MASS

Developers:

reddoctors – Austria
Cluny Aviation Services – Malawi
Microaviation – South Africa

Medical – Disaster – Infrastructure – aerial support for “Low Income Regions”

Features:

- Light Sport Aircraft (LSA), Type X341R with MTOW 550 kg
- Powered by the legendary Rotax 912 ULS
- Range of 300 km on 125 km/h cruise with a **payload of 145 kg** plus pilot, plus full fuel
- full instrumentation
- Extreme shortfield takeoff & landing capability – below 120 m ground roll at MTOW at 6,000 feet DA
- max patient weight: 120 kg

- max cargo weight: 145 kg
- max parachopping packages: 6 x 15 kg
- variable operating costs below **100 USD per hour**

The aircraft is not a “specialised prototype.” More than 400 units have already been built in New Zealand and South Africa by Microaviation, all demonstrating an exceptional safety record.



Multi Purpose Utility!

The **medevac version** is designed for the safe transport of vitally stable patients, where no in-flight medical interventions are required. Patients are secured in an insulating thermal rescue bag, positioned on a soft mattress with elevated head, either feet- or head-forward as needed.

The same aircraft can be used for **surveying** with unrivaled 270° vision at low speed, either fitted with a surveying equipment or professional manpower.

The cargo platform enables safe on row **parachopping** from an altitude of 80 m of **6 units 15 kg parachute packages**.

Built for simplicity and reliability, the **reddocHawk** can be easily serviced and maintained in low-income regions, ensuring minimal downtime and maximum availability.

As a manned flying platform (or “manned drone”), it offers a very cost-effective, versatile solution for local governments, concession holders, lodge operators, NGOs, and healthcare providers. The **reddocHawk** delivers practical, efficient, and affordable aerial capability — wherever it’s needed most.

The **reddocHawk** package includes:

- the modified aircraft
- ferry
- comprehensive pilot training (covering conversion training)
- parachopping procedures
- medical familiarization (basic paramedic-training)
- complete medical standard operating procedures (SOPs)
- detailed operating manuals
- all for approximately USD 100,000.–