



AVIATION SOLUTIONS

FOR REGIONAL DISASTER RELIEF

Kishugu Aviation is a top-tier provider of aviation services, specialising in aerial firefighting and equipped to coordinate and deliver swift aviation support during natural disasters.

ABOUT US

The aerial resources used for disaster response and relief are usually not readily available on a dedicated standby basis and often consist of a variety of resource types operated by different operators in various locations.

To overcome this challenge, we have engaged with various potential operators to identify resources that may be available to respond to disasters as and when required.

Kishugu Aviation plays a pivotal role in disaster response and recovery by sourcing and coordinating a diverse array of fixed-wing and rotor-wing aerial resources for disaster-struck areas, in addition to its own capacity of fixed-wing and helicopter resources and its significant experience in disaster response.

With a steadfast commitment to saving lives, we are able to mobilise specialised aviation assets to reach disaster-affected areas and provide critical aid to citizens in their time of greatest need.

Our operations leverage a wide range of aerial resources, carefully selected to meet the unique demands of each mission. These assets are supported by robust technical expertise, including on-site maintenance and repairs. This minimises disruptions to operations during critical times, guaranteeing uninterrupted delivery of life-saving assistance.

By coordinating search and rescue efforts, supply drops, and evacuation missions, Kishugu Aviation ensures timely and effective support for Mozambique's hardest-hit regions. Through collaboration with governments, humanitarian organisations, and local stakeholders, we aim to restore safety and stability to affected communities. At Kishugu Aviation, every mission reflects our core purpose: to answer the call when it matters most.



Dedicated to saving lives and providing essential support through fast, efficient air transportation.

SERVICES WE PROVIDE

AERIAL DISASTER RELIEF OPERATIONS



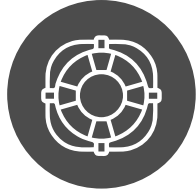
CARGO AIRLIFT

Short and Long Range Rapid transport of emergency supplies, food, water, medicine, and relief materials.



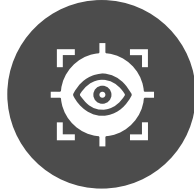
EVACUATION SERVICES

Safe and efficient evacuation of civilians from disaster zones.



SEARCH AND RESCUE (SAR)

Aerial support for locating and rescuing stranded individuals.



RECONNAISSANCE SERVICES

Observation Aerial Resources for the purpose of victim location, damage assessments, and communication to streamline the disaster response plan.

SPECIALISED AIRCRAFT FOR DIVERSE NEEDS



HELICOPTERS

For hard-to-reach areas and time-sensitive operations.



FIXED-WING AIRCRAFT

For large-scale transport of goods and personnel.



TRANSPORT OF MEDICAL EQUIPMENT AND PERSONNEL

Ability to move field hospitals, doctors, and medical teams to disaster zones.





WHY CHOOSE US?

RAPID RESPONSE



24/7 AVAILABILITY

Ready to deploy anywhere
in Southern Africa at
short notice day or night.



REGIONAL REACH

Extensive network of
operational bases and
logistics support across
multiple regions.



RAPID MOBILISATION

Aerial Resource mobilisation to ensure a
rapid response for survivors needed to be
airlifted from affected areas. Timeous
observation to determine the overall
disaster response plan.



EXPERTISE

Experienced pilots and crew with specialised training in disaster relief operations.
Proficient technical support for all resources deployed.



SAFETY AND EFFICIENCY

Specialised aircraft is equipped with state-of-the-art navigation and communication systems such as Night Vision Imaging System (NVIS). Some rotor wing resources are equipped with hoists to rescue individuals from areas where a landing is impossible. Rotor wing resources are capable through the installation of cargo hooks, enabling rapid supply lifting and dropping minimising flight and downtimes. Kishugu Aviation has an unwavering commitment to high safety standards, both in-flight and on the ground.



TAILORED SOLUTIONS

Flexible service offerings designed to meet the unique needs of each disaster scenario.

AVAILABLE RESOURCES

ROTOR-WING AERIAL RESOURCES

In addition to its own dedicated resources, Kishugu Aviation has access to a range of rotor-wing aerial resources to address the specific demands of disaster response operations. These aircraft are selected for their versatility, lifting capacity, and ability to operate in challenging environments:



UH-1H HUEY HELICOPTER

The UH-1H Huey is a proven disaster relief workhorse, valued for its robust performance and adaptability. With a 1.2-ton payload and spacious cabin, it excels in lifting, slinging, and cargo transport.

Built for harsh environments, the Huey remains reliable in rugged terrain and extreme weather, making it essential in disaster zones with compromised infrastructure. Its versatility allows for the swift delivery of food, medical supplies and essentials to remote, hard-to-reach areas, ensuring life-saving support reaches those in need.

 Useful load: 1,800 kg	 10 crew	 Endurance: 2 hours	 Range: 460 km
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BELL 407 HELICOPTER

The Bell 407 is a fast, maneuverable, and versatile helicopter, ideal for disaster response. It accommodates 4–6 people for swift civilian evacuations and excels in slinging supplies to hard-to-reach areas, ensuring timely aid delivery.



 Useful load: 1,210 kg	 6 pax
 Endurance: 2.5 hours	 Range: 500 km





BELL 206 B3 HELICOPTER

The Bell 206 B3 is a reliable, maneuverable helicopter ideal for evacuations and medical transport. Its compact size allows access to confined areas, making it crucial for disaster response. With a capacity of 4–5 people, it enables rapid deployment of medical teams, playing a vital role in emergency lifesaving efforts.

 Useful load: 1,057 kg	 4 pax
 Endurance: 4 hours	 Range: 600 km

BELL 222 HELICOPTER

The Bell 222 is a powerful twin-engine helicopter designed for transport and emergency operations. With a spacious cabin and high cargo capacity, it can carry up to six people, making it ideal for evacuations and medical transport. Its reliability in demanding conditions ensures swift and efficient disaster response.

 Useful load: 2,200 kg	 6 pax
 Endurance: 3 hours	 Range: 522 km



H125 B2 & B3 HELICOPTERS

The H125 B2 and B3 are versatile, high-performance helicopters with spacious cabins for up to six passengers, medical teams, or injured civilians. They excel in evacuations and cargo transport, with strong slinging capabilities for remote aid delivery. Reliable and powerful, they are essential for disaster response.

 Useful load: 1,400 kg	 6 pax
 Endurance: 4 hours	 Range: 630 km

DAUPHIN AS365 N3+ HELICOPTER

The Dauphin AS365 N3+ is a versatile helicopter ideal for evacuations and cargo transport. Equipped with a powerful hoist, it excels in rescue operations, extracting personnel from hard-to-reach areas. Its spacious cabin and ability to operate in harsh conditions make it a vital asset in disaster response, especially in flood zones.

 Useful load: 1,200 kg	 12 pax
 Endurance: 4 hours	 Range: 750 km



These helicopters, in conjunction with fixed-wing resources, enhance the efficiency and effectiveness of disaster response and ensure comprehensive and timely support for affected communities.

FIXED-WING AERIAL RESOURCES

To ensure effective and reliable disaster response, Kishugu Aviation brokers a range of fixed-wing aerial resources tailored to the demands of cyclone relief operations. These assets are selected for their versatility, durability, and proven performance in challenging conditions:



CESSNA GRAND CARAVAN

The Cessna Grand Caravan is a reliable workhorse for passenger and cargo transport, excelling on rough airstrips. Its quick conversion between configurations makes it ideal for disaster air bridge operations. With space for up to four stretchers, it plays a crucial role in medical evacuations, ensuring efficient patient transfers from remote areas. Versatile and dependable, it is essential for humanitarian missions.

 Useful load: 1,600 kg	 14 pax
 Endurance: 4.5 hours	 Range: 1,900 km

BEECHCRAFT KING AIR 200

The Beechcraft King Air 200 is a fast, long-range twin-engine aircraft ideal for evacuations and cargo transport. Its pressurised cabin ensures safe, comfortable travel, while its efficiency over long distances makes it crucial for delivering medical supplies and aid to remote disaster areas.



Useful load:
3,300 kg



7 pax



Endurance:
5 hours



Range:
2,200 km



CESSNA 182, 206, AND 210

These single-engine piston aircraft are highly versatile and specifically suited for aerial observation missions. With the ability to operate from rough and short airstrips, they provide a vital platform for real-time observation, enabling efficient planning and strategic execution of operations.

These aircraft are particularly valuable for damage assessment and flood prediction, providing decision-makers with the critical information needed to direct resources effectively. Their flexibility and ability to operate in challenging conditions make them indispensable tools for comprehensive disaster management.



Useful load:
816 kg



4 pax



Endurance:
4 hours



Range:
600 km

These fixed-wing resources collectively form a crucial part of Kishugu Aviation's disaster response capabilities, ensuring timely, effective, and strategically guided support to affected communities.





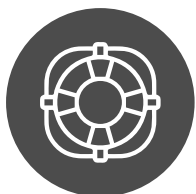
DRONES

Drones play an essential role in disaster relief operations, particularly during flooding. Their ability to provide real-time aerial footage, monitor affected areas, and assist in locating survivors offers valuable insights that can expedite response efforts. Here is how drones can be utilised during flooding:



DAMAGE ASSESSMENT AND MAPPING

Drones equipped with high-resolution cameras or LiDAR sensors can instantly capture images and videos of flood-affected areas. This helps create accurate, up-to-date maps of the flood extent and damage, enabling authorities to prioritise areas that require urgent assistance.



SEARCH AND RESCUE

Drones with thermal imaging cameras can detect heat signatures, allowing search and rescue teams to locate stranded individuals or survivors in floodwaters, even at night or in low visibility conditions. They can also be used to transport supplies to hard-to-reach areas.





FLOOD MONITORING

Drones can be deployed to monitor water levels in real-time, especially in areas where ground access is limited. This data can help predict the progression of the flooding, guiding evacuation efforts and emergency planning.



INFRASTRUCTURE INSPECTION

Drones can inspect critical infrastructure such as bridges, roads, dams, and power lines to identify any damage that could impede relief efforts or pose additional risks to the affected communities.



CROWD MANAGEMENT AND PUBLIC INFORMATION

Drones can help authorities monitor crowds and manage evacuations, ensuring safe and organised movements. They can also be used to relay important public information, such as safety instructions or evacuation routes, through loudspeakers or video feeds.



ENVIRONMENTAL AND ECOLOGICAL MONITORING

Drones can also monitor environmental changes caused by the flood, such as contamination of water supplies or erosion. This information can help in planning long-term recovery and rehabilitation efforts.



DATA COLLECTION FOR RELIEF COORDINATION

Drones can assist relief teams by gathering data on the availability of resources, the condition of roads, or areas where local resources may be running low, helping to coordinate efforts more effectively.

By offering versatile, real-time data and reducing the need for human presence in potentially hazardous environments, drones enhance the speed and effectiveness of disaster response during flooding.



When disaster strikes, we are prepared to deliver with expertise and efficiency.

For pricing information, please reach out to us, and we'll be happy to provide a tailored solution to meet your needs.

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