



PROFILE

TITAN HELICOPTER GROUP



FROM UP HERE YOU'LL SEE THE WORLD DIFFERENTLY

Titan Helicopter Group

Titan Helicopter Group (THG) is the largest helicopter operator in South Africa. Established in 1969, the Group has developed a 'Wide Niche' strategy and grown into a multi-activity, multi-operational, global organization. THG is currently operating in countries such as Malaysia, Peru, Brazil, Namibia, Nigeria, South Africa and the continent of Antarctica with a clientele, which includes governments, oil companies and relief aid agencies worldwide. We have also operated in other countries including Afghanistan, Mozambique, Angola, Ivory Coast, Equatorial Guinea, Gabon, Libya and Congo Brazzaville.

1. The Operators

Titan Helicopters (Pty) Limited, the Onshore Division of the Titan Helicopter Group (THG), is a South

African based helicopter operator established in 1993, with a clear and strong focus on Helicopter Solutions. The Group Headquarters is based in George, South Africa with operating bases in Cape Town, George, Namibia, Malaysia, Nigeria and Peru. However, sometimes contracts require the establishment of temporary bases, and some temporary bases have been established in Mozambique, Angola, Israel and Tanzania, Guinea-Conakry, Brazil and Brazzaville.

2. Service Experience

THG has provided helicopter services in many countries throughout the World. The following are few of such experiences past and present:

Onshore Division:

- Antarctica & surrounding Islands air support - 19 October 2007
Ship service operations Cape Town – Jan 2008
- JKNS Medivac Contract – Malaysia – 01 Dec 2007
- Eskom Powerlines in Western Cape area – Nov 2006 – Oct 2008
- Afghanistan – USAid – 2008-2011- Mi8
- WFP Pakistan Mi26 – 2005
- WFP Mozambique – 2001-Mi8 & Puma
- UN Support Mozambique-2001-Mi8
- Construction of Various Ski lifts in Austria Doppelmayr. 1996 – 2000- Kamov 32
- Salvaging hazardous cargo from Jolly Rubino stranded on SA east coast 2003.
- Salvaging precious cargo from Kiperousa in Jul 2005
- Assisting with Mozambique elections and transportation of VIP's –1999, 2003.
- Supplying food and rescue services in Mozambican floods - 2001
- Supply food and emergency equipment for Pakistan earthquake victims – 2005
- Longstanding Firefighting contracts with KZNFFPA, Cape Nature, FFA and WOF.
- Transportation of Demining personnel in Sudan for JMC- 2004
- Transportation of construction crews and equipment Oderbrecht in Angola 2003
- Overhauling presidential Mi17 for Djibouti Airforce- 2003
- Transportation of Mining crew and equipment – Rio Tinto in Guinea 2011-2013
- Argentina - Onshore in the dense jungle areas of Tartagal and offshore in zero temperature conditions off Rio Gallegos, Rio Grande and Tierra del Fuego. Clients include amongst other, Shell - Total - YPF Argentine National Oil Company - Geosource.
- Brazil - Heavy lift operations in the Amazon Jungle in support of the oil exploration activities of the state oil company, Petrobras. S61
- Congo
Offshore Oil Rig Support - Ranger Oil
Offshore Oil Rig Support – Murphy Oil
Drill Rig support – Petroleum E&P
- Equatorial Guinea - Offshore Oil Rig Support – Amerada Hess – Mobil – Marathon
Oil – Roc Oil – Petronas – ChevronTexaco – Noble Oil – Ocean Energy – Devon
- Gabon - Offshore Oil Rig Support - BHP - TFE – AGIP – Pioneer – Premier – First Africa -
Vaalco
- Ivory Coast - Onshore Support – U N
- Libya - Fixed Wing support for Woodside Energy
- Nigeria - Offshore Oil Rig Support. AMNI – PGS
- Morocco
Offshore Survey Support – Shell

Offshore Oil Rig Support - Shell
Offshore Oil Rig Support – Vanco

- Mozambique - Offshore Oil Rig Support – SASOL
- Namibia - Offshore Oil Rig Support – SASOL - Norsk Hydro - Ranger Oil - Shell - Chevron - CGG Veritas -Diamond Ship Support – De Beers Marine/Namdeb
- Senegal - Offshore Oil Rig Support – Premier Oil
- South Africa - Extensive onshore and offshore operations including offshore rig support and ship service. Clients include all majors, e.g. Shell - BP – TFE – Forest – Pioneer – Chevron Texaco - Maersk among others.

Marine pilot transfer Richards Bay

Offshore support local oil company – PetroSA - since 1960's to date.

3. Our Operating Licenses for our Group

- Namibia (Namibia Asl 0057+0058)
- Titanoffshore : Licence Nr G795d Class lii (Offshore Asl) & Asl – Titanoffshore : Licence Nr G794d Class li (Offshore Asl)
- Titanhelicopters: Licence Nr N658d Class li (Titanhelicopters Asl 2013) & Asl – Titanhelicopters: Licence Nr G659d Class lii (Titanhelicopters Asl 2013)
- Titanoffshore International Licence Nr I/N216 (Titanoff Int Asl)
- Titanoffshore Domestic Licence Nr N794d (Titanoff Domestic Asl)
- Indwe Aviation Licence Nr: N1116d Class li (Asl Indwe Class li And lii) & Asl – Indwe Aviation Licence Nr : G1117d Class lii (Asl Indwe Class li And lii)
- Aircraft Operating Certificates (Aoc's)
- Titanoffshore Part 127 (Aoc Titanoffshore Part 127)
- Titanoffshore Part 121 (Aoc Titanoffshore – Part 121 Dd 2016-04-28)
- Titanhelicopters Part 127 (Aoc Titanhelicopters Part 127)
- Indwe Aviation Licence Nr Fo 10378 Part 127 (Aoc Indwe Aviation Part 127)
- Our current AOC listed at the United Nations is in process of renewal and we can assure you that the new Certificate will be issued within the next 30 days.

4. Our Safety Standards

Safety is a fundamental corporate value of THG. We strive to attain the highest safety standards possible, and believe in providing our Employees and Customers with a safe and healthy environment. With the aim of preventing accidents, eliminating injury to personnel and damage to property/equipment, THG maintains an active Safety Management System (SMS).

Our approach is based on the proactive management of identifiable risks in our operations. To that end, we continuously examine our operation for hazards and implement controls to reduce the associated risks to levels that are as low as reasonably practicable. We report all incidents, train staff on safety management, document investigation and audit findings and strive for continuous improvement.

5. Quality Management Systems

THG has developed and implemented an Electronic Integrated Quality and Safety Management System (IQSMS) as a tool for the management of our Quality Management System. Our ISO 9001 and BARS(Gold status) accreditation represents an international consensus on good quality management practices.

6. Offshore Operations

THG's offshore operations provide a safe reliable air



transport service utilizing AW139's, S61N's and S76Series aircraft which are equipped for day/night instrument flight (IFR). All aircraft are multi-engine and equipped with emergency floatation for increased safety. Our Pilots and Maintenance Staff lead the industry in Africa by setting the standard for helicopter operations.

We provide offshore helicopter services with subsidiary companies in the following categories / locations:

- Indwe Aviation – Offshore Oil support to PetroSA using AW139, Sikorsky S61N and S76 Series Helicopters.
- Court Helicopters Namibia – Offshore Mining support to De Beers Marine using Sikorsky AW139 and S76.
- Titan Offshore – provide fixed wing charter and contract services with our fleet of Convair 580 and Embraer 145 aircraft.



7. Onshore Operations

THG provided specialized onshore solutions to various clients:

7.1 Aerial Fire Fighting

THG provides helicopters for fire-fighting operations, as it is highly versatile and capable of undertaking such demanding work in hot and often highly hostile flying environments.

7.2 Air Crane and Precision Construction

The Russian built helicopters are really mobile cranes, after 7000 hours of flying, we at THG have mastered the technique of placing your precious cargo within inches of where you want it irrespective of the terrain or location.



7.3 Power Lines

THG offers a service in support of the power line industry. The Russian helicopters provide an unequaled 5 Ton lifting capacity to fly in power line pylons directly to the point of construction. Erecting pylons solely by helicopter negates the construction of access roads and heavy vehicles, especially in environmentally sensitive regions and mountainous terrain. Wet concrete is also flown in and delivered to the pylon foundations in inaccessible areas.

7.4 Emergency Medical Services

With 4x Bo-105 CBS 5 Helicopters we provide EMS support under day Visual Meteorological Conditions (VMC) in Countries like South Africa and Malaysia.

8. Maintenance

Maintenance of our fleet are controlled by the South African Civil Aviation Authority and monitored in-house by our safety & quality systems. Maintenance support is supplied by our Aircraft Maintenance Organizations AMO 1018 & AMO 049, with line stations in George, Cape Town, Malaysia, Afghanistan, Nigeria and Namibia.

8.1 AMO 1018 – George & Cape Town

To ensure optimum levels of aircraft serviceability and uninterrupted Services, technical product support along with engineering, programs has to be carefully scheduled. We carry spare parts for all the types we operate, and have agreements with many spare part suppliers worldwide.

8.2 AMO 049 – Cape Town

Since 1970 this facility has been based at Cape Town International Airport and is the only overhaul facility for Bell and Sikorsky type helicopter in Africa.

9. OUR FLEET

THG fleet of helicopters and airplanes consists of several different specialized airframes that carry out “niche” services. We are involved in offshore oil and mining support, firebombing, heavy-lift construction, logging, salvage operations, resupply missions (SANAE IV Arctic Station), medivac and passenger transport/adventure travel.

This specialization in a wide range of industries is reflected in our “Wide Niche” strategy which enables us to cater to the very unique challenges that each of these industries present us with on a near daily basis



9.1 Bell 212

The Bell 212 helicopter is extremely versatile

in mission profile and operational parameters. It can accommodate up to 12 pax plus 2 crew at speeds of 120 knots. Standard configurations allows for mission equipment plus equipment operators and one or two pilots. Certified for IFR flights rescue hoist and cargo sling equipped.

9.2 Sikorsky S-61 N

The Sikorsky S-61N is an amphibious civil transport version variant of the S-61 series of helicopters. On August 7, 1962, the S-61 N made its first flight. Otherwise identical to the S-61L, this version is optimized for overwater operations, particularly oil rig support, by retaining the SH-3's floats.



9.3 Sikorsky S76 Series

The Sikorsky S76A++, C and C+ are powerful aircraft, with superior performance and faster speeds while providing clients with a roomy, luxurious interior.

9.4 Embraer 145

50 Seat Regional Airliner. The Long Range (LR) version of the ERJ145 can carry a full load of passengers up to 1,550nm (2,873km). The Extra Range (XR) version can fly up to 2,000 nm (3,057km).



9.5 The Eurocopter BO-105 Helicopter CBS-5

Is a lightweight twin engine 5/6 seater multi role helicopter. The BO-105 has very high performance capability with one engine inoperative. It's four-blade, rigid main rotor ensures

excellent flight performance, maneuverability and total control, even in negative “g” maneuvers.



9.6 Leonardo (Agusta Westland) - AW139

The AW139 is regarded as the most efficient offshore aircraft in its class, we are proud to have 4 additions to our fleet from 2014. The AW139 can accommodate up to 15 pax at speeds of 150 knots.



9.7 Mi8 Helicopter

The Mi-8 helicopters, one of which is a P- model configured to accommodate 28 forward facing seats. The MTV-Model, which is operated in Peru, is a more powerful version with 22 trooper seats along the sides. The under slung mechanism of the MTV is rated for 5 ton.

PARTIAL CLIENT LIST





Management Team and Key Personnel

1	Chief Executive Officer	Mr Martin Steynberg	mms@titanhelicopters.com	+27(0)448780453
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