



Ambulance Service
Papua New Guinea

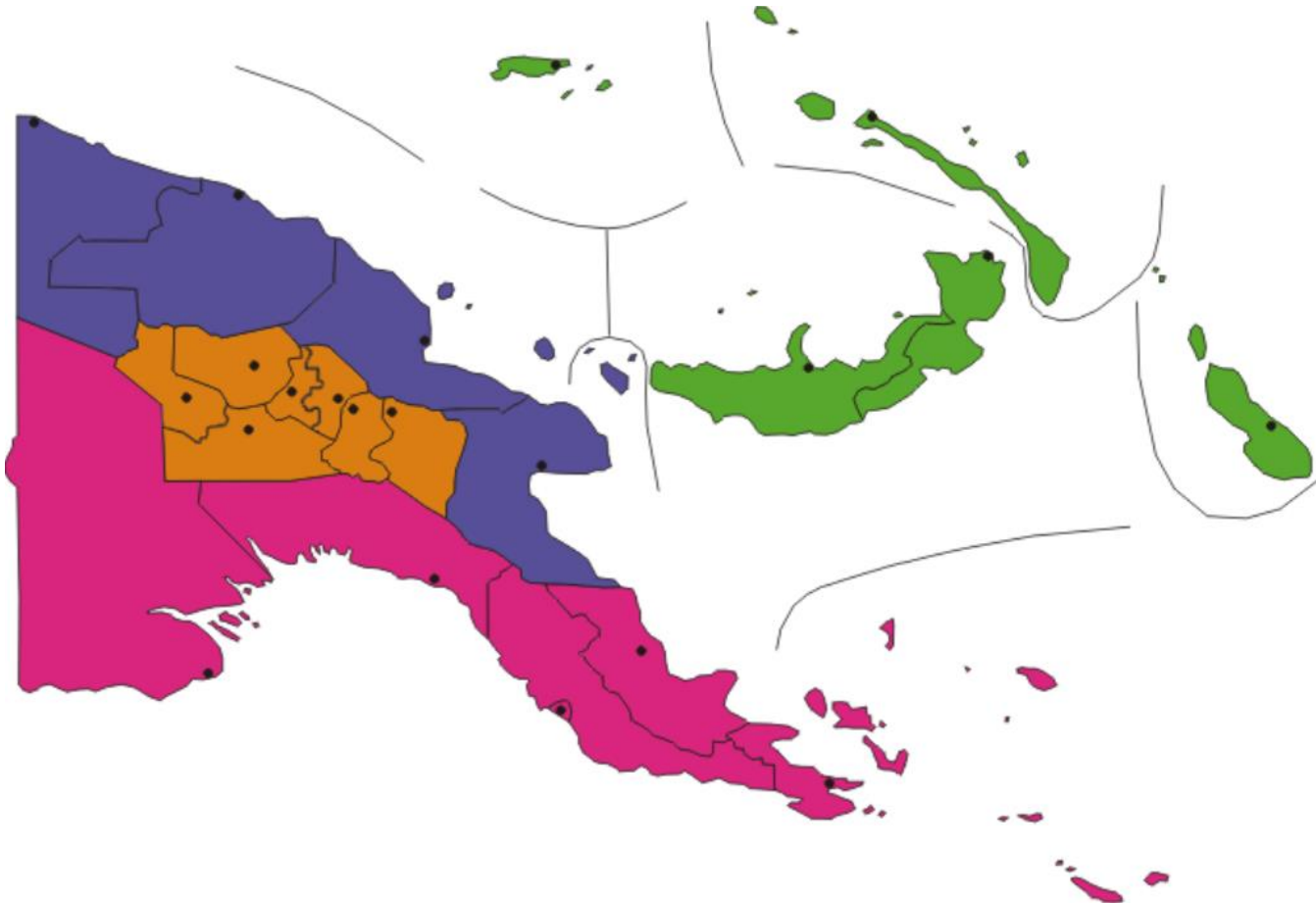
The multiple factors that diversify decision making in order to achieve Critical Care in the air in Papua New Guinea (PNG)

Dr Mangu Kendino

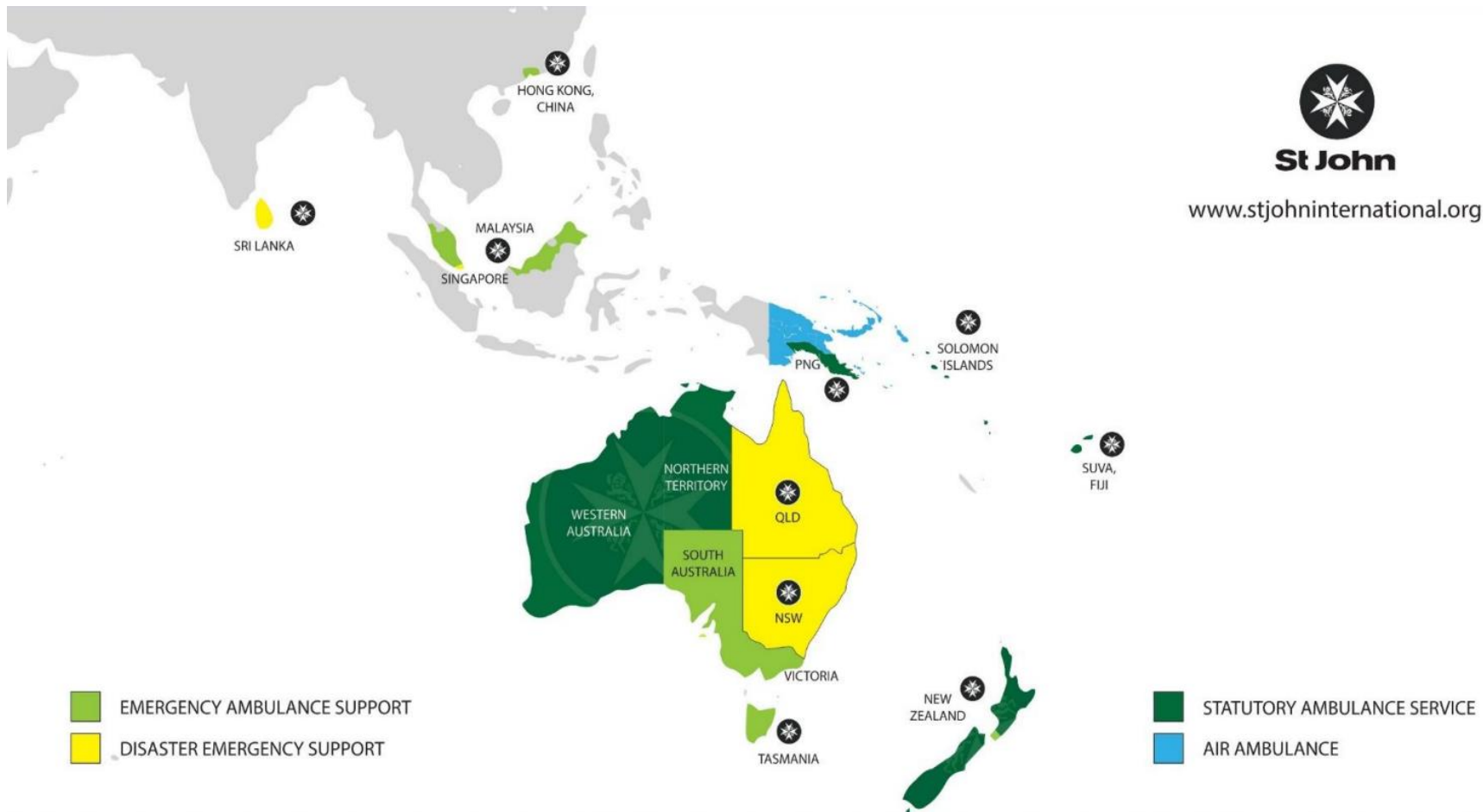
Chief Medical Officer

St John Ambulance Service, PNG

Papua New Guinea



Region	Largest city	Population (2011 census)	Area (km ²)	Density (pop/km ²)
Highlands Region	Mount Hagen	2,854,874	62,400	46
Islands Region	Arawa	1,096,543	56,602	19
Momase Region	Lae	1,867,657	142,600	13
Southern Region	Port Moresby	1,456,250	202,542	7.2



**Together we cover the largest landmass
of any single ambulance service in the world**

And service around 60 million people in the Asia-Pacific Region

St John Ambulance product catalogue 2021



Purpose

To protect and support people and provide expert emergency health care for Papua New Guineans in their time of greatest need.

Vision

That everyone can access health care efficiently, safely and at the time they need it, in the biggest city or the remotest village.

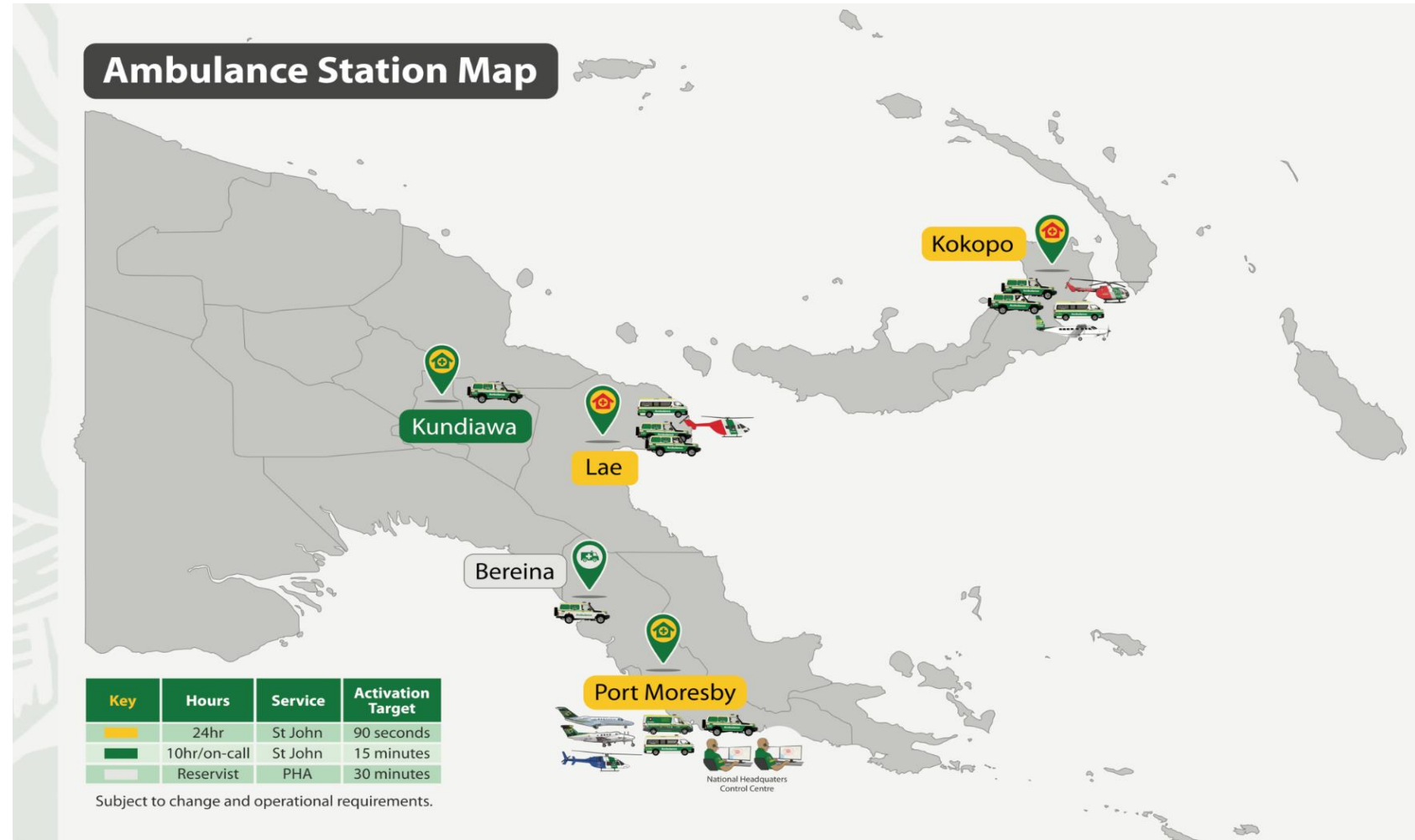


Mission

To save lives, prevent and relieve sickness and suffering, and to act to enhance the health and wellbeing of people of all races and creeds anywhere in Papua New Guinea.



St John Ambulance PNG



In partnership with



Supported by



Fueled by



Air Ambulance

Missions

Helicopter	Q1 2022	Q1 2023	YTD Average
Southern	1	1	1
Momase	0	0	0
NGI	0	0	0
Highlands	0	0	0
International	0	0	0
Total	1	1	0

Fixed Wing	Q1 2022	Q1 2023	YTD Average
Southern	4	3	3
Momase	1	2	2
NGI	7	3	3
Highlands	1	2	2
Australia	2	2	2
International (other)	0	0	0
Total	15	12	12

Flight Hours

The total hours flown by air to provide care during this period are shown below.

Helicopter	Q1 2022	Q1 2023	YTD Average
Southern	2	1.2	1.2
Momase	0	0	0
NGI	0	0	0
Highlands	0	0	0
International	0	0	0
Total hours	2	1.2	1.2

Fixed Wing	Q1 2022	Q1 2023	YTD Average
Southern	6	10	10
Momase	2	3	3
NGI	25	10	10
Highlands	2	5	5
Australia	12	10	10
International (other)	0	0	0
Total hours	47	38.7	38.7



Aeromedical Retrieval Services



What is present in PNG?



Photo credit

1. Dr Georgina Matengim, ESPPHA
2. Dr Georgina Matengim, ESPPHA
3. Kate Holt/ UNICEF. Internet article – Samaritan Aviation float planes deliver hope and support

What is present in PNG?



Photo Credit

1. Dr Ignatius Bolokon, ENBPHA
2. Dr Ignatius Bolokon, ENBPHA



Activation to Mission Launch

Current system in Provincial Health Authorities (PHAs)

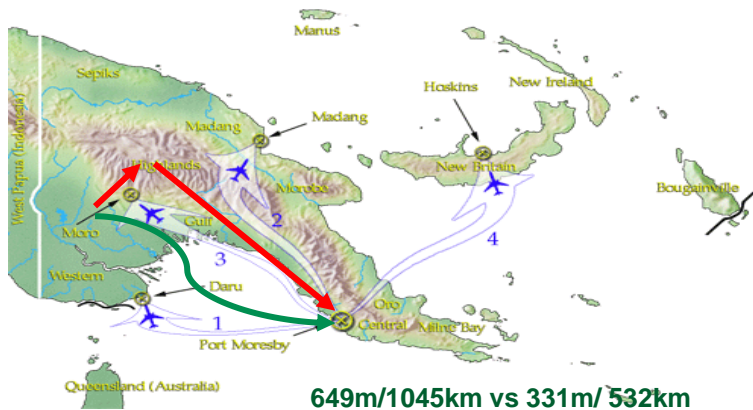
- District Health facilities, Provincial Hospitals
- Case requiring medical evacuation
- Referring Clinician – Receiving Clinician
- Director of Medical Services notified
- Funding approval for Medevac

Case Scenario



- Hypertensive Emergency
- Clinical Massive Haemorrhagic stroke (no CT Available)
- Activation 7:43am
- Aircraft available 1330hrs
- Touchdown 1549hrs
- NAC/ tower not aware (regionally controlled)
- Patient transferred to Tarmac with clear indication for requiring Intubation
- RSI procedure completed on Tarmac
- No runway lights/ limited room for delay

Case Scenario



649m/1045km vs 331m/ 532km

Mark.Oshea.com/ Southern Highlands

- Involved in a high speed MVC 2wks prior
- Bilateral fractured ribs with bilateral haemothoraces
- Splenic & Liver Injury post Laparotomy
- On Inotropic support
- Intubated mechanically ventilated
- Delayed medical retrieval due to haemodynamic instability
- Window of opportunity!
- Nearest airport closed due to domestic warfare
- Transferred via Rotary wing. Delayed by weather. Then Transfer via Fixed wing
- Rendezvous at airport further from final destination

Case Scenario (Maternal Medevac trust)





Logistics



Accessibility



Aircraft Compatibility



Modifications/ Set up



Our vision for the future



Ambulance Service
Papua New Guinea

Aeromedical
Service

MEDEVAC

To request a medevac
Scan the links below:

Scan for
online →
request



Scan for SJA
WhatsApp →



You can also use these other traditional contacts:

To book online go to:
To email a general enquiry:

www.stjohn.org.pg/medevac
medevac@stjohn.org.pg

To discuss a mission directly with SJA Medical Director Dr Mangu Kendino
WhatsApp her on: +675 7655 1518

Services >



Capability > from medical escort to intensive care transfer.

Personnel > professional and experienced SJA medical crew,
working in partnership with trusted aircraft operators.

Equipment > evacuation gear, cardiac monitors, ventilators, and
infusions, POC blood chemistry.

SJA's aeromedical service is a comprehensive emergency air ambulance service that provides medical transportation to both domestic and international destinations. The service is overseen by specialist physicians and operates 7 days a week. This is a high-quality, charitable service and is priced appropriately for both public and private patients. Between 2020 and 2022 the aeromedical service flew over 535 hours helping patients from 21 provinces and 6 countries.

URGENT: Call 7101 2222 for the SJA Duty Commander 24/7



Ambulance Service
Papua New Guinea

Aeromedical
Service

MEDEVAC

Contact St John Ambulance directly to arrange a
medevac or quote.

Email: medevac@stjohn.org.pg
WhatsApp: +675 7655 1518 – Dr M. Kendino - Medical Director
WhatsApp: +61 437 576 666 – Jacquie – Flight Coordinator

Services > from intensive care transfers to medical escort.

Personnel > highly trained and experienced critical care doctors,
flight nurses and paramedics.

Equipment > advanced medical equipment, including cardiac
monitors, ventilators, and infusions.

Aircraft > helicopter and fixed-wing plane partnerships

SJA's aeromedical service is a comprehensive air ambulance service that provides medical transportation to both domestic and international destinations. The service operates 24 hours a day, 7 days a week.

Between 2020 and 2022 the air ambulance service flew over **535 hours**
helping patients from **21 provinces** and **6 countries**.

Through its work, the aeromedical service is making a significant difference
in the lives of the citizens and visitors of Papua New Guinea, and we are
proud to provide such a robust service for the nation and region.

Call 111 for St John Ambulance

www.stjohn.org.pg

