



# Manitoulin-Sudbury District Services Board:

Presentation – June 28, 2012



# Who We Are

- Cover over 1,000,000 km<sup>2</sup> for approximately 12,500,000 residents
- Conduct more than 19,000 patient transports annually across the province
- Northeastern Ontario is serviced by bases in Moosonee, Timmins, Sudbury and Ottawa from the east



# Who We Are



- Almost 500 front line employees, including paramedics, paediatric transport nurses, transport medicine physicians, pilots and a team of educators and researchers
- Operate 12 dedicated bases, 9 of which are staffed 24/7



# What We Do

## Inter-facility transfers

- Supports the movement of patients across regional boundaries

## On-scene response

- Rapid transport
- Level of Care

## Organ transport

- Organ retrieval from across North America





# Our History

- Established by the Ontario Ministry of Health and Long Term Care in 1977 in Toronto
- The program was expanded to Sudbury, Timmins, Thunder Bay and Sioux Lookout in 1981 (24/7 in 1985)
- Bases were added in Moosonee, Kenora, London and Ottawa in 1999
- Ontario Air Ambulance Service Co. (Ornge) incorporated as an independent not-for-profit organization in 2006 and continues to operate the existing bases
- Since 2006, Ornge has doubled the deployment from both the Toronto and Thunder Bay bases



# Where We Are



## 12 Dedicated Bases

- Kenora
- London
- Moosonee
- Ottawa (air and land)
- Peterborough
- Sioux Lookout
- Sudbury
- Thunder Bay
- Timmins
- Toronto
- Markham (land and Paediatric Transport Team)



# Air Ambulance – Fixed Wing



Pilatus PC-12/47E fixed wing aircraft operated by Ornge Air across 3 dedicated bases. These dedicated resources are supplemented by primary care and organ retrieval fixed wing aircraft under standing agreements with 12 different operators



# Air Ambulance – Rotor Wing



Sikorsky S-76 helicopters based in  
Kenora, Thunder Bay and Moosonee



Agusta Westland AW139 helicopters  
based in Sudbury, Ottawa, Toronto and  
London





# Critical Care Land Ambulance



Critical Care Land Ambulances are based in Ottawa, Peterborough and the Toronto area.



# Our Levels of Care



- **Transport Paramedics**
  - Primary Care
  - Advanced Care
  - Critical Care
- **Paediatric Transport Paramedic Teams** are made up of critical care paramedics & paediatric critical care nurses
- **Online Transport Medicine Physicians**
- 24/7 Physician oversight



# Our Communications Centre

- Coordinates all medical transport communication from one central location
- Resource allocation (helicopter, airplane or land ambulance)
- Level of care required for patient
- 24/7 Transport Medicine Physicians offer immediate advice and triage
- Operates the Provincial Transfer Authorization Centre (PTAC) which monitors the spread of infectious diseases by screening patient transfers between facilities





# Our Academy of Transport Medicine



- Provides yearly continuing medical education required of all Ornge paramedics
- CMA-accredited Advanced and Critical Care Paramedic programs
- Hi-Fidelity Human Patient Simulator for both land and air working environments



Questions?