

Aeromedical Report 2017

1405 I patient-kilometres travelled

5 partners ...

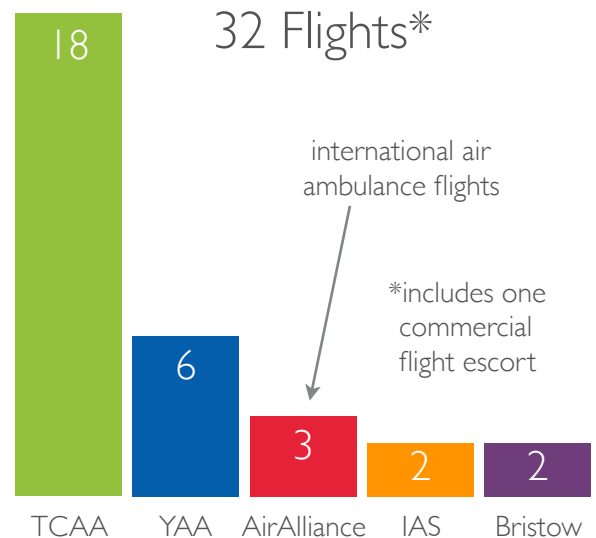
TCCA (The Children's Air Ambulance)
Charitable provider, Augusta Westland AW109 helicopter

YAA (Yorkshire Air Ambulance)
Charitable provider, Airbus H145 helicopter

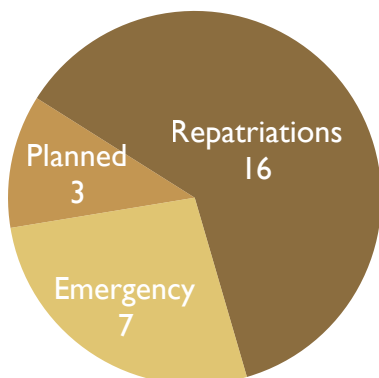
Air Alliance
Commercial air ambulance company, Lear 35 fixed-wing aircraft

IAS Medical
Commercial air ambulance company, King Air 200 fixed-wing aircraft

Bristow
Government search and rescue contractor, Sikorsky S-92 helicopter



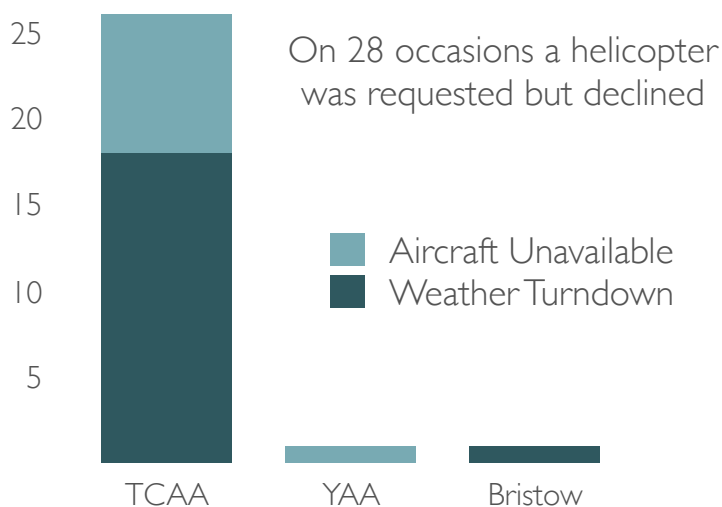
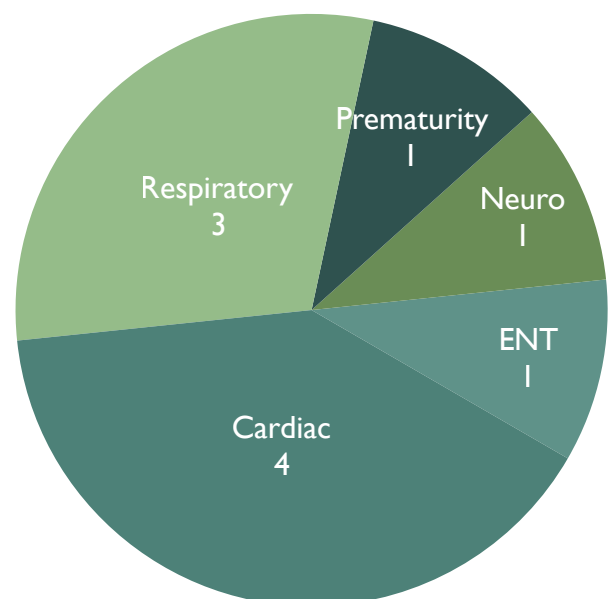
Patient Moves



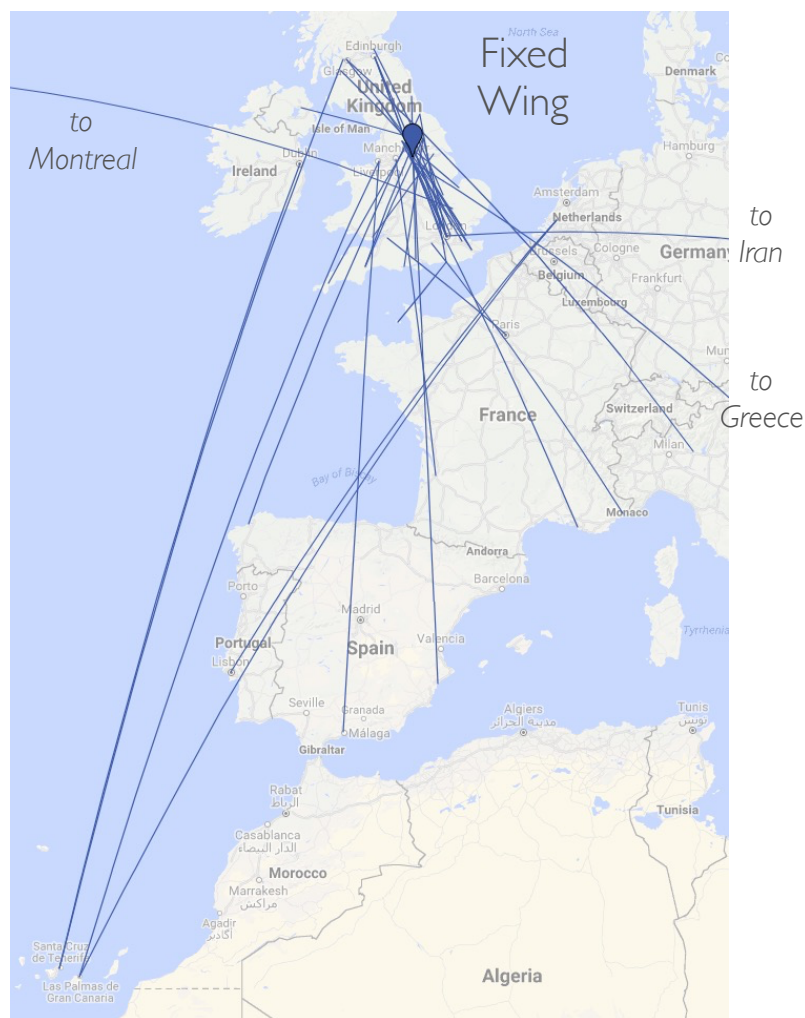
Team Moves



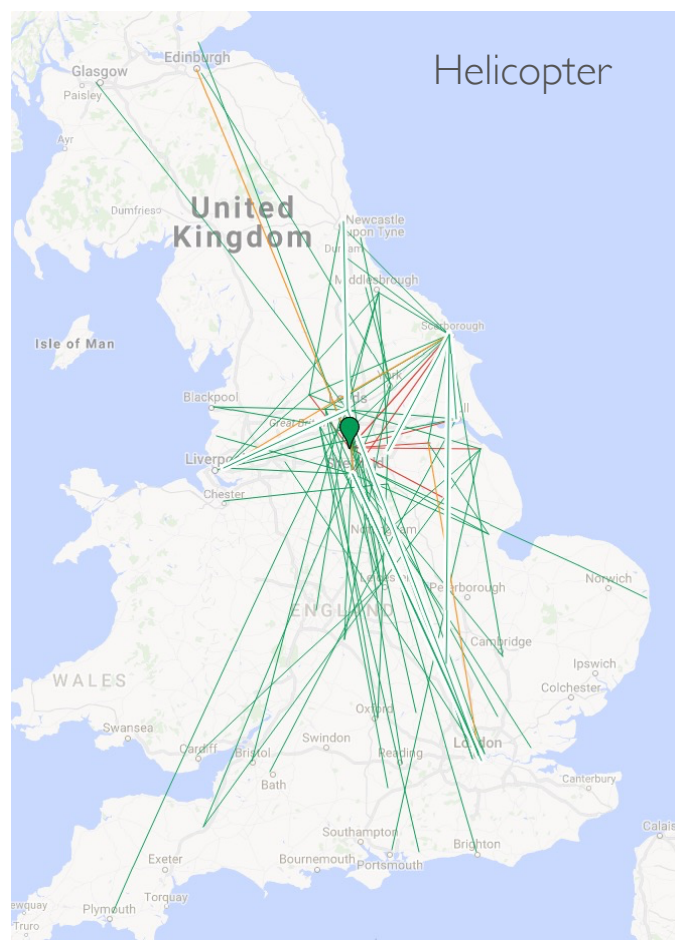
Clinical Categories (excluding repatriations)



An analysis of the YAA team moves for 2016 showed a 39% improvement in Decision-Response time for flying, and an average time saving of 50 minutes when compared to matched road journeys.



Routes flown 2011-2017



There were 13 incidents related to flights in 2017:

Category		Description
Equipment	4	Missing items from kit bag; Babypod clip missing; Monitor damage; Monitor battery failure
Landing Site	7	Helipad use refused; Delayed porters; Poor quality helipad surface - (Scarborough x 5)
Communications	2	Wrong staff info provided to air provider; air provider unclear about oxygen cylinders compatibility & content

Training and Education in 2017:

- 6 in-house air updates with simulation
- 2 TCAA helicopter simulation days in Coventry
- 2 TCAA classroom updates
- SAR Humberside base visit
- Air Alliance fixed wing training in Birmingham
- YAA helicopter training in Wakefield
- New YAA training video for HI45



Ongoing research projects:

"Evaluation of a helicopter orientation programme for a regional infant and children's transport service with the local helicopter emergency medical service air ambulance"

"Stories from children's nurses in flight; Exploring experiences of aeromedical transfers"

Quality Improvement:

Embrace has submitted three complete years of data to GAMUT. The Ground Air Medical Transport Quality Improvement Collaborative uses the GAMUT database as a free resource for transport teams to track, report, analyse and compare their performance on transport-specific quality metrics.

Accreditation:

Embrace is fully accredited for ground, rotary-wing and fixed-wing transport with CAMTS, the Commission on Accreditation of Medical Transport Systems, a non-profit agency dedicated to evaluating medical transport services against industry established safety criteria. Embrace is the only service in the UK and one of only six services outside the USA to be accredited. Additionally, Embrace are the first service to be awarded CAMTS EU accreditation.

