

Aeromedical Report 2018

31,000 patient-kilometres travelled

5 partners ...

TCCA (The Children's Air Ambulance), Charitable provider,
Augusta Westland AW109 or AW169 helicopter

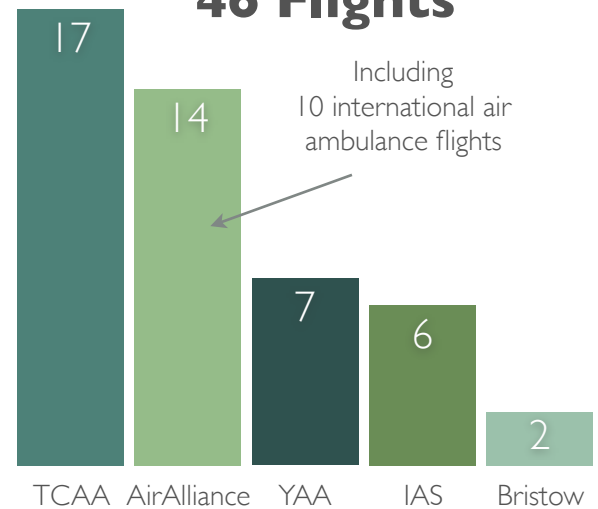
YAA (Yorkshire Air Ambulance), Charitable provider,
Airbus H145 helicopter

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

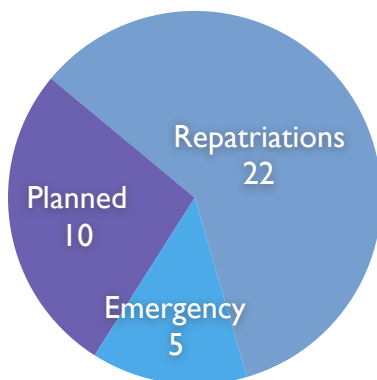
IAS Medical Commercial air ambulance company,
King Air 200 fixed-wing aircraft

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

46 Flights



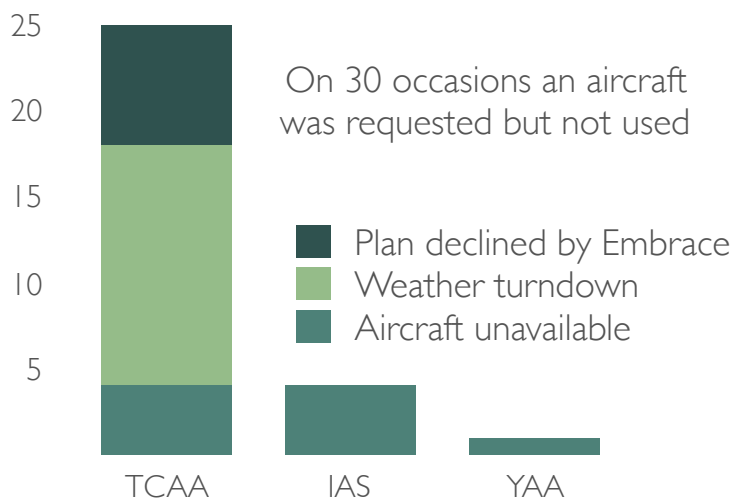
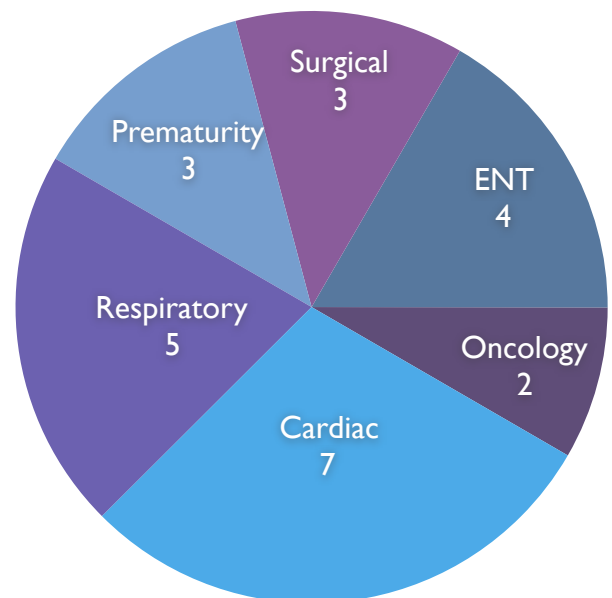
Patient Moves



Team Moves

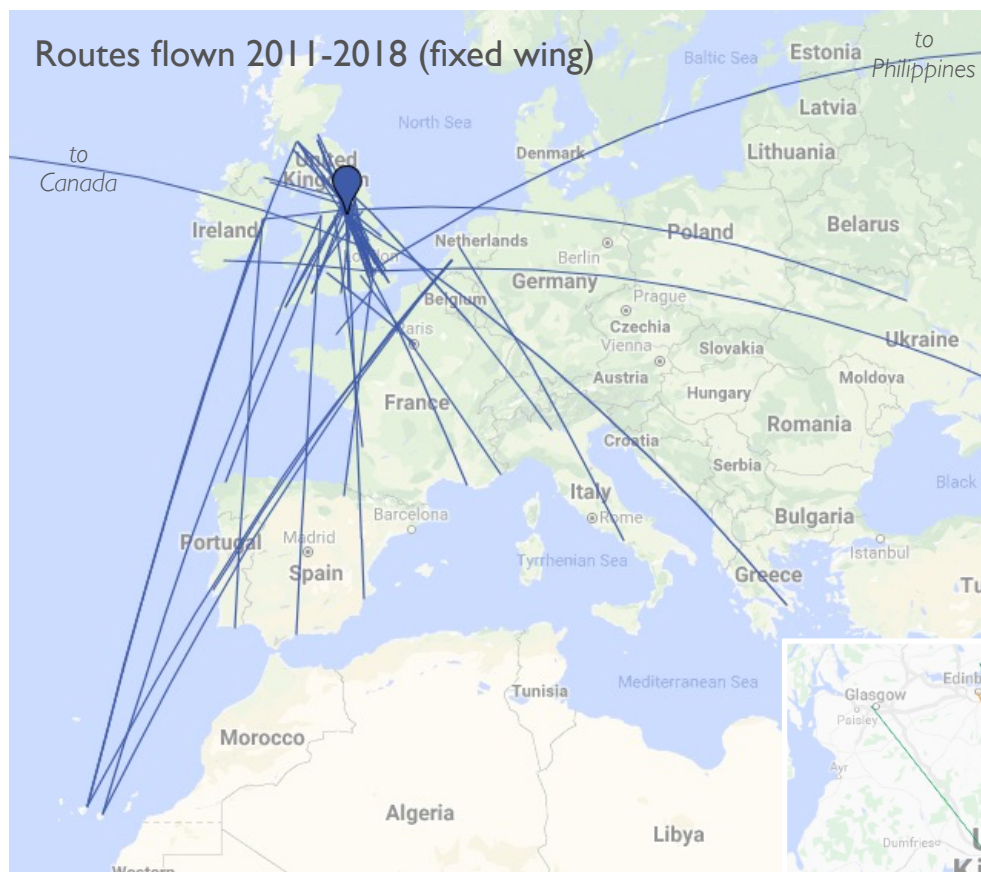


Clinical Categories (excluding repatriations)



*An analysis of YAA team moves for 2018 showed a 44% reduction in Decision-Response Time for flying when compared to matched road journeys, and an average time saving of just under an hour.

Routes flown 2011-2018 (fixed wing)



Training and Education in 2018:

- 5 in-house air updates with simulation
- 4 TCAA helicopter simulation days in Doncaster
- SAR Humberside base visit
- Air Alliance fixed wing training in Birmingham

Incidents Related to Flights in 2018:

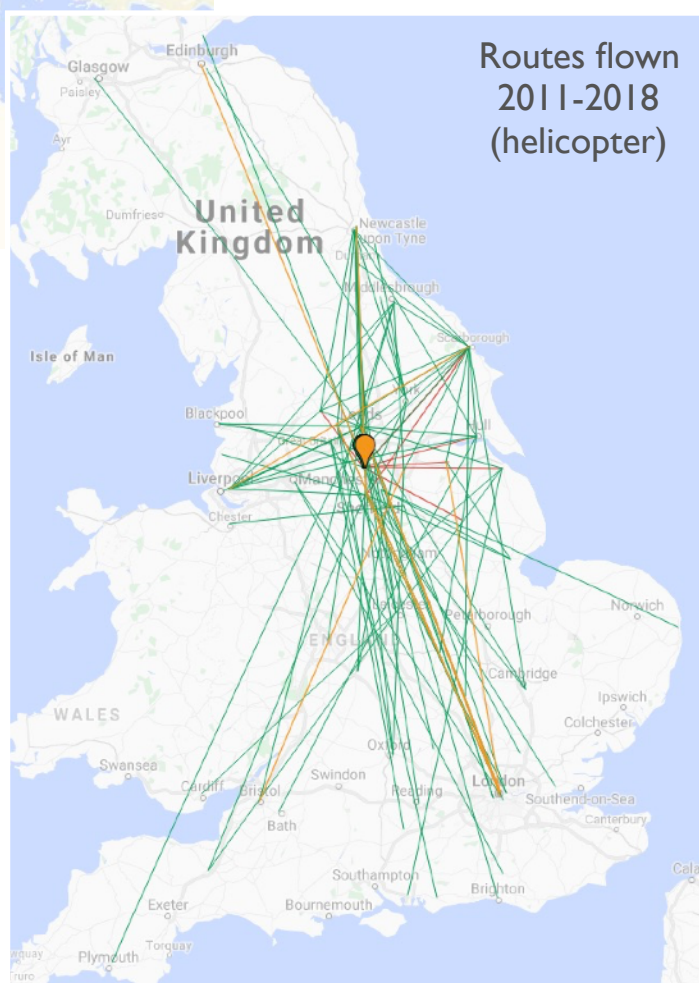
Category		Description
Equipment	4	Babypod clip missing; Incompatible vent mount; Wrong O2 cylinder in aircraft x2
Ground Transport	4	Problem with local ambulance arrangements x2; Poorly equipped local ambulance x2
Communications	3	Wrong info sent to air provider x2; Wrong risk calculated
Manual Processes	2	Staff member injured whilst loading aircraft; Patient loaded in the wrong orientation
Clinical	1	Significant desaturation whilst in aircraft on ground

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 seven services outside the USA to be accredited. Additionally, Embrace are the first service to be awarded CAMTS EU accreditation.



Routes flown 2011-2018 (helicopter)



Quality Improvement:

Embrace has submitted four 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.

