Epidemiology, Cost, And Aircraft Choice
For Aeromedical Evacuation In AFRICOM

THE PROBLEM
A significant shortfall exists in the medical capability provided to US Service Members deployed to Africa because of unknown epidemiology, large distances, limited resources, and high patient movement cost.

THE GAP
All but one Urgent Patient Movement Request occurred beyond the range of military aircraft.

THE EPIDEMIOLOGY
Diagnostics, Demographics, and Operational Data
23% of movements missed the regulated timeframes.

THE AIRCRAFT CHOICE
27% of missions used a less than optimal aircraft.

Aircraft decision tree and corresponding map tool identifies optimal aircraft choice.
The map tool is available here: https://www.google.com/maps/d/edit?mid=z5Hd3olUmss.qXRPas41Avsw&usg=sharing

THE COSTS
The DoD spent $22.6M between 2010 and 2014 in avoidable costs performing Aeromedical evacuations in Africa.

THE SAVINGS
Efficient aircraft choice saves $2.6M (11.5%).