## Decision Making in Humanitarian Operations



A.N.G.A.

<u>Aviation Navigation and</u> <u>Guidance Application</u>



3 Adrian Mi

### Air Serv Company Profile



- Founded in 1984
- Provides air transportation and related aviation services in support of humanitarian programs and disaster response operations worldwide
- The last link in the air logistics chain (small planes to small places)

LIMITED

 Most operations in Africa (past performance in Asia, Central America, Caribbean, and Europe) Why air transportation during humanitarian operations?



### Humanitarian Aviation Applications:



# What do all humanitarian operations have in common?



# What is required to make good decisions in humanitarian operations?



## Is Accurate AND Timely Information Access Achievable?



## A.N.G.A Information Cycle





## A.N.G.A Key Features

#### Communication Architecture

- Designed to meet the challenges of low bandwidth and unreliable connectivity.
- App works natively on both Android and iOS devices

#### Automatic Dissemination

 Push notifications allow all users connected to the network to rapidly receive information on safety concerns

#### Benefits Users

- Automatic generation of Itinerary, Flight Packet, Operational Flight Plan,
  Traffic Forms, and Master manifest in PDF format
- Wizard style user interface guides users through flight planning process such as distance traveled, fuel levels, weight, weight & balance, and more

#### Cross-Industry

- Server provides secure (SSL) synchronization with the application to provide up to date flight plans, fixes, routes, NavAids, waypoints, airfields, aircraft performance characteristics, graphic airfield surveys, fleet and personnel.
- Company data and policies updateable through simple secure server interfaces.

## What is Air Serv going to do with A.N.G.A.?



### **Point of Contact for Inquiries**

### Troy H. Conrey

Managing Director | Air Serv Ltd.

Office: +256 (0) 414 321 251/2

UG Mobile: +256 (0) 752 010 912

US Mobile: (570) 703 9341

md@airserv.co.ug

http://www.airserv.co.ug/

https://www.facebook.com/AirServLtd