



REACHING PEOPLE ANYWHERE

CARGO DRONES

WFP

Humanitarian Aviation
Environmental Summit



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WHY? LET'S SEE

Safety

- unmanned, hence the Operator is safe
- some aircraft can drop-deliver, avoiding contact if undesired
- scalable distribution, hence less 'value' in a concentrated area

Effectiveness

- demand driven, scalable networks
- hub-spoke models with other aircraft/vehicles
- opportunities for combination of services

Efficiency

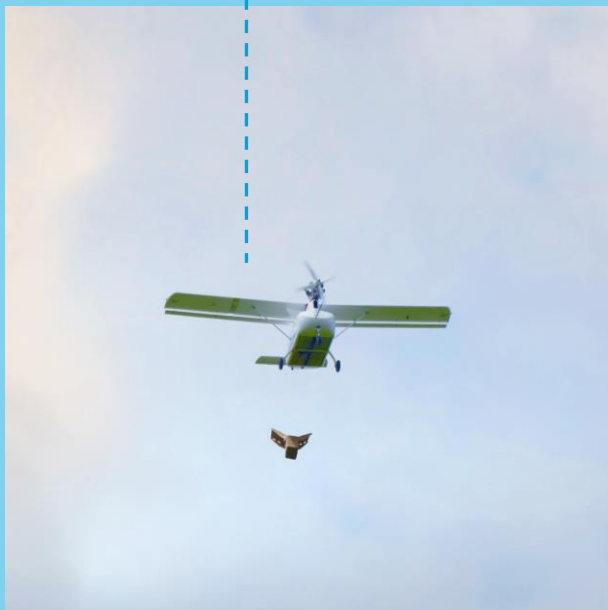
- lower fuel consumption
- just-what-you need quantities
- point-to-point distribution

CARGO DRONE DELIVERY SOLUTION

DELIVERY BOX



CARGO DRONE



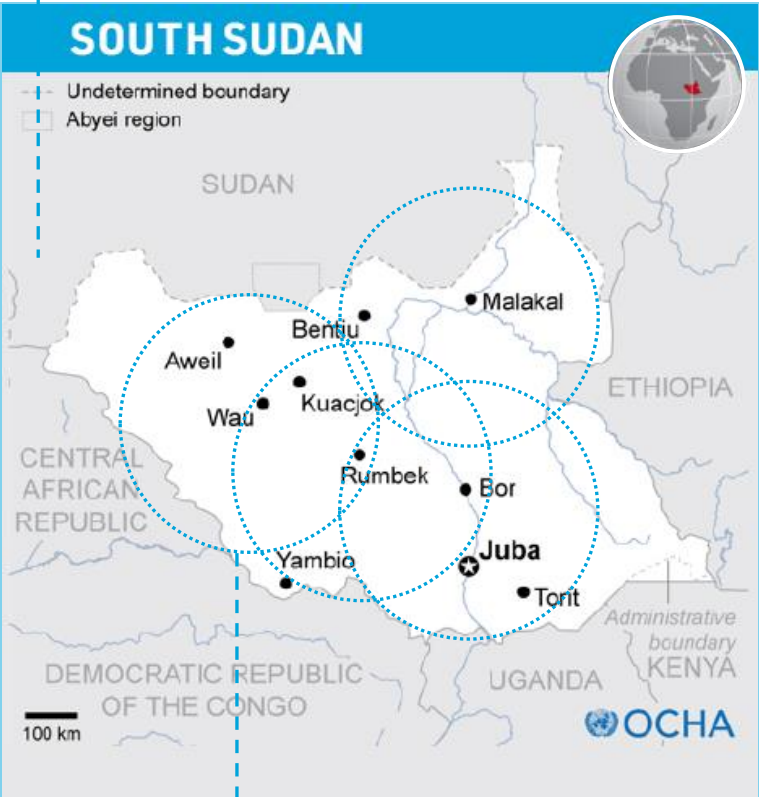
STANDARD OPERATING PROCEDURES

FOR CHALLENGING LAST MILES

COMPROMISED INFRASTRUCTURE FOR DELIVERIES: FLOODING



EXEMPLARY AREAS OF INTERVENTION / TAKE-OFF LOCATIONS FOR AIR DELIVERIES: BOR, RUMBOK, MALAKAL, WAU

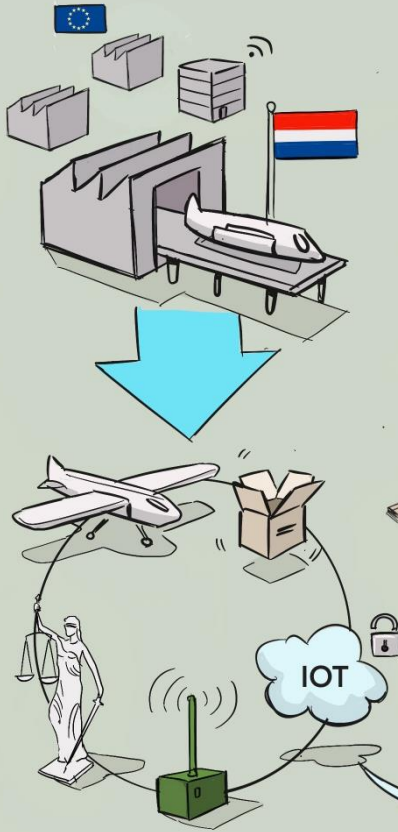


CONSTANT DEMANDS: VARIOUS HUMANITARIAN SUPPLIES

- MEALS 
- WATER 
- MEDICINE 
- SHELTER 

250 km Operating areas

Input



Proces



Output



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MISSION-SPECIFIC MINIFREIGHTERS



X-series

MFX

OPV-ready, fuel, 12m wingspan
1000 km, mission prep/monitor

On-line: 1 aircraft



1-series

8/500 FW

UAS, fuel, 9.5m wingspan
500 km, 8-boxes

On-line: 2 aircraft



2-series

12/1000 FW

UAS, fuel, 12m wingspan
1000 km, 12-boxes

In development



3-series

2/200 BWB

UAS, electric, 6m wingspan
200 km, 2-boxes

In development

+ Integrated ICT platform for mission planning and operator support +