Project Goals

➤ Introduce an effective and efficient method to deliver antiretroviral treatment (ART)
➤ Decrease mortality rate of HIV/AIDS
➤ Have drone delivery become more widely accepted

Methods

Add a drone base to a current health clinic in Mashonaland West
Introduce the drone to community leaders
Determine the amount of ART needed for each village
Transport medication as needed

Anticipated Results

<table>
<thead>
<tr>
<th>50%</th>
<th>Increase in access to HIV/AIDS medication</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td>Increase in regular treatment usage</td>
</tr>
<tr>
<td>30%</td>
<td>Decrease in mortality rate for HIV/AIDS</td>
</tr>
<tr>
<td>25%</td>
<td>Increase in overall drone acceptance</td>
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</tbody>
</table>

Conclusion

The proposed solution would be advantageous to those affected by HIV/AIDS, as well as socially and economically feasible. Drones could be used to deliver ART effectively and efficiently to areas that are unreachable by current methods. Those infected will not have to worry about receiving consistent treatment since ART will be delivered directly to the village.

References

2. HIV and AIDS in Zimbabwe. (2015, May 1). AVERT.