



Sandia
National
Laboratories

and **Rockwell Collins** in Partnership to Produce Miniature Synthetic Aperture Radar

SAND2006-7171P

MiniSAR fills a void in current remote sensing technology by providing small UAVs the ability to see through smoke, dust, clouds, heavy rain and night, while reducing size.

SAR images were formed in real-time with miniSAR hardware.

At any size/weight, the image quality and resolution demonstrated by Sandia SARs remains unequalled.

miniSAR

For two decades Sandia has established a track record of increasing performance while achieving a 4 to 5X reduction in size, weight, and cost