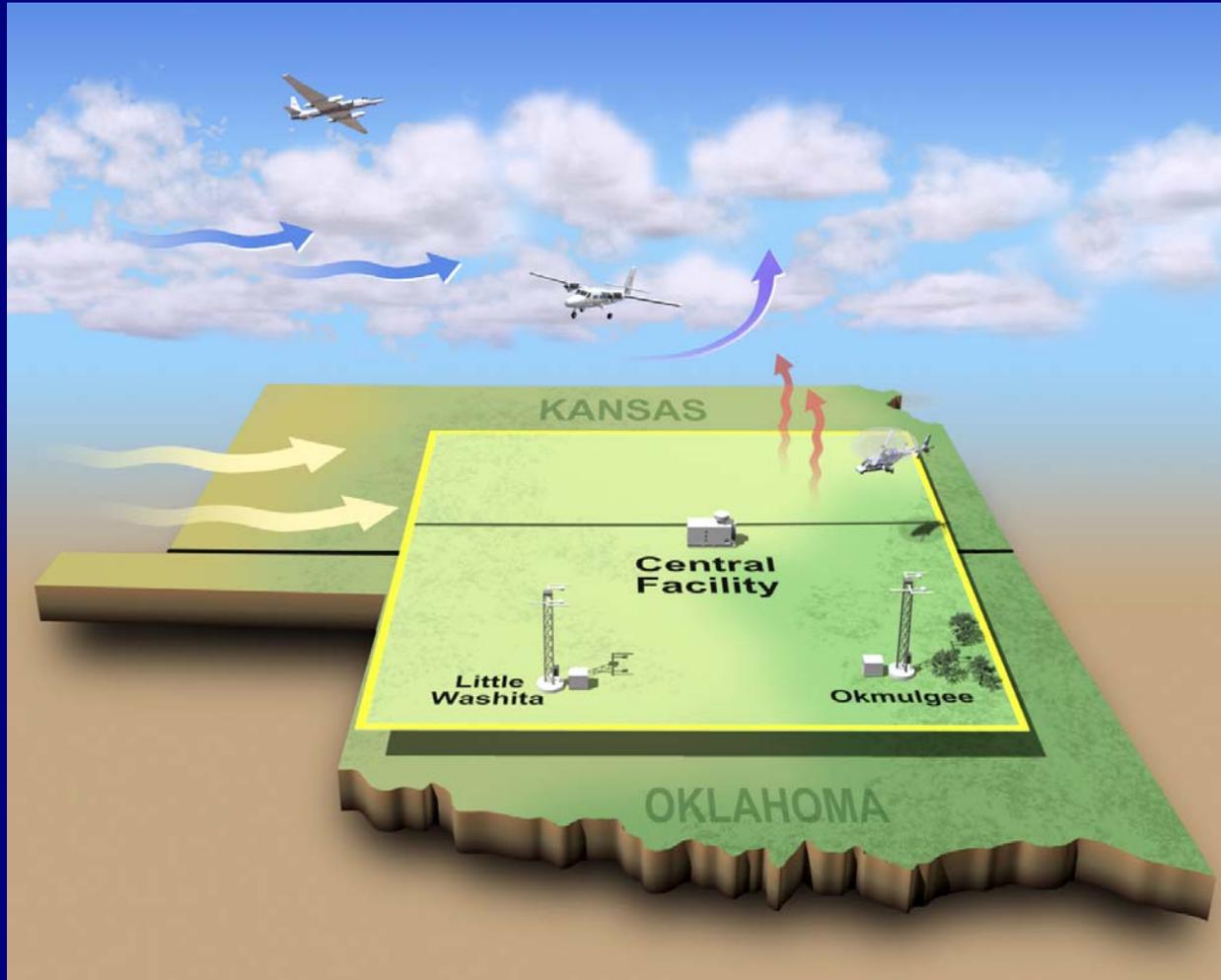


# *Cloud & Land Surface Interaction Campaign (CLASIC)*

## Experimental Overview

- June 9-30, 2007
- Aircraft and surface remote sensor measurements of microphysical, aerosol, and cloud-scale dynamics
  - Soil moisture and/or land use gradients
- Detailed process-level study at the ARM SGP Central Facility

# CLASIC Overview



# CLASIC Aircraft

- CIRPAS Twin Otter
- NASA ER2
- Duke Helicopter
- Cessna
- King Air
- DOE G-1 (ASP)
- NASA King Air (ASP)



# Ground Sites

- Three surface super sites
  - CF, Little Washita, Okmulgee
  - Surface CO<sub>2</sub>, heat and moisture fluxes at several locations at each site
- Radar sites
  - Collaborative Adaptive Sensing of the Atmosphere (CASA)
    - 3 X-Band scanning radars
    - South of Oklahoma City
  - CIRPAS Scanning X-Band radar
- Radiosondes
  - Two radiosonde IOPs
  - Southern BF moved to Little Washita

# Breakout Sessions

- Carbon Cycle Studies in CLASIC
  - Tuesday, 1:30-3:00 pm
- Cloud Land Surface Interaction Campaign (CLASIC)
  - Dave McLaughlin: Collaborative Adaptive Sensing of the Atmosphere (CASA)
  - Tuesday, 3:30-5:00 pm

## Questions

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