

## Highlights

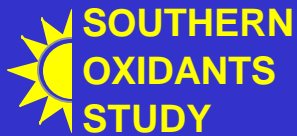
- Light Wind, High Temps.
- Thanks to TN Air National Guard & FAA.
- Bell 205 & Caribou up on ides of July.

## Inside

- Yes, we can Can!
- Science Team Meeting Finale Tomorrow!
- Thoughts for the day.

# The Daily Plan-it

*The SOS Field Study  
Newsletter  
Issue 26  
July 14, 1999*



## Fascinating findings from around the SOS world

Light, southerly winds.  
Temps High.

Same old, same old! Tomorrow should be a mirror image of today, perhaps a bit drier and a modicum less cloudy. Chance of convective thunderstorms still remain.

SOS Special Thanks to...

### TN Air National Guard and the Federal Aviation Administration

The SOS Airforce (**P-3**, **G-1**, **Caribou**, and **Bell 205**) wishes to convey multiple at-a-boy's to the **118th Airlift Wing of the Tennessee Air National Guard**, our C-130 flying compadres SE of the Gassaway Building. Without their ground power units, the **P-3** stood about a 50-50 chance of overusing our aircraft Auxiliary Power Unit, causing, potentially, about 2-3 days of aircraft down time.

Second and third, kudos to **Joe Allison** and **Roger Anderson** (FAA TRACON, Nashville), **Robert Cope** (FAA, FSDO, Nashville), and **Albert Ensell**, (FAA TRACON Atlanta) for



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making our lives in the air so smooth over their respective metropolitan areas (we should be so fortunate over Houston next year). They helped without any thought of what was in it for themselves.

### SOS Airforce Schedule

The **Caribou** and **Bell 205** will be up tomorrow, July 15, 1999 and the **P-3** will be marshalling its forces for a final air quality assault this weekend.

Tomorrow's **Caribou** flight plan calls for an elongated triangular

pattern, with the corners of the triangle located east and west of Nashville. The long legs are approximately 50 nautical miles (n mi.) long, while the north-south flight leg east of Nashville is about 15 n mi. long. This pattern will be executed 4 times. During each loop we will fly directly over Cornelia Fort Airport. The **Caribou** will depart John Tune Airport at 8:00 AM CDT and return at 12:00 noon CDT. Nominal altitude will be 9500 ft. MSL.

The **Bell 205** helicopter will depart Dickson Municipal Airport at about 11:00 AM CDT for a flight to study the evolution of the Cumberland plume under moderate wind velocity, south-to-north transport conditions. The helicopter will conduct a series of multiple crosswind traverses of the plume at 10 mi. (just south of the Ft. Campbell MOA), 30 mi. (just north of the MOA), and 60 mi. (on a line approximately due west of the Paradise plant) downwind of the Cumberland plant. Flight altitudes will be between 1500 and 3000 ft MSL. The helicopter will refuel in Hopkinsville between the second and third transect distances, and the mission will conclude with a return to Dickson

Municipal Airport at about 6:00 PM CDT.

**Yes, we can Can!**

With profuse apologies to the Pointer Sisters, we really can Can! Thanks to all the help we've received from Bill Lonneman, the Tennessee Department of Air Pollution Control, and the Metro Health Department. Today, we collected the third set of surface hydrocarbon samples from seven sites around the Nashville area.

**Science Team Meeting Finale Tomorrow!**

The final 1999 SOS Field Study Science Team Meeting will be held on tomorrow evening, July 15, 1999. You will not want to miss the spellbinding scientific insight.

**SOS T-shirts**

See Bill soon for your **free** SOS T-shirt. All Bill needs are your name, e-mail address, and phone & FAX numbers. He or she who hesitates is lost.

**Thoughts for the Day**

**"Nothing in the world can take the place of persistence. Talent will**

**not: nothing is more common than unsuccessful men with talent. Genius will not: unrewarded genius is almost a proverb. Education will not: the world is full of educated derelicts. Persistence and determination alone are omnipotent."**

—Anonymous

**"The price of success is hard work, dedication to the job at hand, and the determination that whether we win or lose, we have applied the best of ourselves to the task at hand."**

—Vince Lombardi

