



OSAC RESEARCH NEEDS ASSESSMENT FORM

Title of research need:

Keyword(s):

Submitting subcommittee(s): **Date Approved:**

(If SAC review identifies additional subcommittees, add them to the box above.)

Background Information:

1. Description of research need:

There are a number of federal agencies that conduct and/or fund full-scale fire research for various purposes other than fire investigations. Many times the post-test conditions after these tests are not documented or evaluated. This is lost information from a test that is costly to conduct. Requiring that the post fire conditions, such as patterns, be documented and disseminated for use by the fire investigation community will help maximize the dollars spent in such research and make the most of such tests. The goal of this research is to require that federally funded research into fire phenomena that involves full scale fire testing include a component to document post fire conditions.

2. Key bibliographic references relating to this research need:

3a. In what ways would the research results improve current laboratory capabilities?

This research will help laboratories to make small changes to their test plans that can greatly increase the benefit and expand the audience for their research.

3b. In what ways would the research results improve understanding of the scientific basis for the subcommittee(s)?

3c. In what ways would the research results improve services to the criminal justice system?

This research will help the fire investigation community to apply a more systematic approach to the results of fire pattern analysis.

4. Status assessment (I, II, III, or IV):

	Major gap in current knowledge	Minor gap in current knowledge
No or limited current research is being conducted	I	III
Existing current research is being conducted	II	IV

This research need has been identified by one or more subcommittees of OSAC and is being provided as an informational resource to the community.

Approvals:

Subcommittee	Approval date: <input type="text"/>
<i>(Approval is by majority vote of subcommittee. Once approved, forward to SAC.)</i>	

SAC		
1. Does the SAC agree with the research need?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
2. Does the SAC agree with the status assessment?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
If no, what is the status assessment of the SAC: <input type="text"/>		
Approval date: <input type="text"/>		
<i>(Approval is by majority vote of SAC. Once approved, forward to NIST for posting.)</i>		