

ABSTRACT

**Aerial Surveying With Light Aircraft
For Radioactive Contamination on the Ground**

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Some emphasis has been placed upon the probability that large ground areas may become contaminated with radioactivity resulting from radiological warfare, atomic bombings, sabotage, or accidents in radioisotope production industries. Accordingly, the Health Physics profession must be prepared for the role its members will be expected to play in such an event. With this in mind, these preliminary experiments were made. Results of these investigations have shown that aerial surveying with light aircraft for radioactive contamination on the ground might be the most feasible method in many instances.

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