

1. AS-70 AS-60 30 cc LP Considerations for Packaging of New Equipment

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1. Inclosure 1 is an item extracted from copy number 4 of "Current Trends" issued by the Signal Corps Board.

2. This is brought to the attention of AS-70 as an item of information pertinent to the packaging of new Army Security Agency equipment, which might be intended for use in the early phases of an airborne assault.

1 Incl  
Extract from  
copy No. 4 of  
"Current Trends"

A. [unclear]  
Chief, Security Division

## EXTRACT

Packaging for Airborne and Air-Drop Material

- a. With the design of faster and larger transport aircraft, the possibility of initiating an operation and supplying the combat bases from an air head instead of a beach head, are improving. Such an operation would require the dropping of considerable Signal equipment of a delicate nature. In World War II all services were required to transport material to an air-drop depot to receive special packaging and processing prior to an air-supply mission. Due to the great quantity of material involved in a large scale supply drop, considerable time would be required for such processing. Prepacking of air-drop material is therefore indicated.
- b. The Signal Corps has this problem of devising rapid and efficient means of packing delicate Signal equipment for air drop. It may be possible to prepare such equipment in its normal containers by use of a standard method of packing, or specially developed containers in which delicate material may be placed. For items to be transported by air, emphasis is placed on weight limitations. However, due to the rough treatment afforded equipment incident to air drop, such equipment will require protection even above that required when it is to be transported by normal methods. In some cases, such additional protection may be had only at the cost of increased weight of the packaging. Constant emphasis should be placed upon the improvement of packaging, because damage to Signal equipment incident to air-drop or deterioration (through improper protection) after being dropped might result in interruption of communications just when they were most important.
- c. The Department of the Air Force is carrying on the research and development for air-drop packaging at Wright-Patterson Air Force Base, Dayton, Ohio.