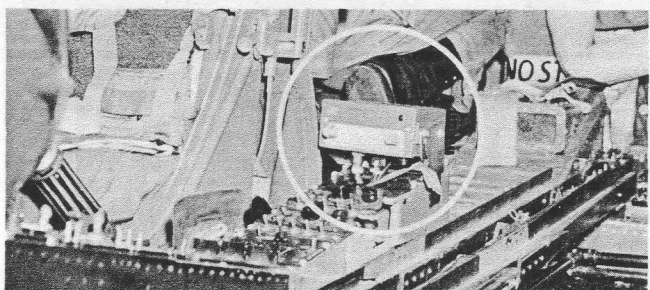
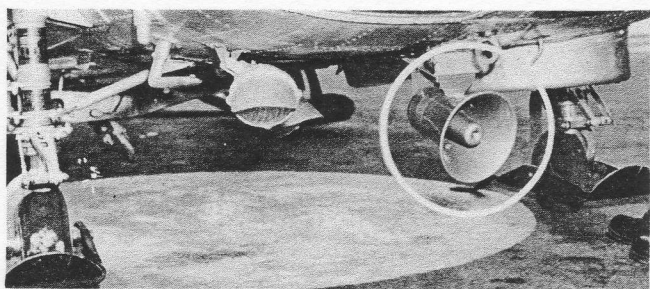


AUDIO AMPLIFIER

A small transistor amplifier is installed in the H-43A helicopters at Perrin AFB which permits the pilot to talk to people on the ground. The type of equipment used is a 20-watt GE Mobile Audio Amplifier, Model 4EA12A10, modified for an aircraft electrical system. This equipment draws 5 amps at full power and weighs slightly over seven (7) pounds. The amplifier is connected to an external speaker, Model 4EZ6C1. The amplifier circuit is tied into the interphone circuit of the helicopter so that the pilot can speak through the system merely by turning it on and depressing the microphone switch. Power is obtained from the 24-volt outlet on the left side of the console. The position of the speaker does not interfere with the operation of either the flood lights or the landing light. Work of perfecting this means of communication is still under way. (USAF photo)

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MEDICAL KIT

Developed to fit into the compact interior of the H-43A, this medical kit was adapted by the Air Training Command for use in all the H-43 units in the command. All of the medical items considered necessary, including blankets, were put into one package which would double as a seat for one of the crew. The kit is made of water-proof material, the inside is padded and a separate compartment provided for the small items. Contents include: 2 blankets, 2 sheets, 1 roll adhesive tape, 6 eye dressings, 2 rolls of 3-inch

bandages, 1 box of ammonia inhalants, 2 rolls of 2-inch elastic bandages, 2 rubber tourniquets, 1 package of 4 by 4s, 2 packages of 2 by 2s, 6 triangular bandages, 4 large field dressings, 3 rolls of 2-inch bandages, 2 rolls of 3-inch elastic bandages, 6 packages of vaseline gauze, 1 snake bite kit, 1 Airway. Also included for use by medical personnel only are: surgical kit, trachea tube, 19 gage needle syringes, epinephrine solution, dextran injection solution. (USAF photo)