

DATA INSERTION SYSTEM FOR MODULATING THE CARRIER OF A
RADIO VOICE TRANSMITTER WITH MISSILE CONTROL SIGNALS

ABSTRACT OF THE DISCLOSURE

A microcomputer with a modem is programmed with information for controlling a flight control computer on a missile. The microcomputer is carried on an aircraft from which the missile is controlled. The pilot of the aircraft has a keypad for setting the target coordinates in the microcomputer. The audio signals from the microcomputer modem are fed to the voice communications system of the aircraft so as to modulate the carrier of the transmitted signal. This signal is received by the receiver on the missile and demodulated and employed to control signals for the missile in the missile flight control computer. The pilot of the aircraft sets in target coordinates for the missile on a keypad connected to the microcomputer.

FIGURE 1

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