

The channel for measuring the inclined range to aircraft with the ability to search for them, form and process images and cyber security of the received information contains a control element, a deflector control unit, a pumped laser, a longitudinal mode selector with multifrequency channel separation, prisms for the frequency of intermode bits  $\square\square\text{M}$ , a modified deflector unit, switch for intermode bit frequencies  $\square\square\text{M}$  and  $2\square\square\text{M}$ , transmitting optics, receiving optics, photodetectors, broadband amplifier, modified information unit, resonant amplifiers, tuned to the appropriate intermode bit frequencies, a pulse shaper, an AND circuit, a filter with a specified bandwidth, a differentiated circuit, a rectifier, a trigger, a detector, differentiated optics, an amplifier, a filter, and a counter. A specialized computer was introduced as an electronic computer and a radar module was additionally introduced, which contains an antenna, transceiver and interference protection equipment.