

CONFIDENTIAL**Office Memorandum • UNITED STATES GOVERNMENT**

TO : Chief, Research and Development Branch, OC-E DATE: 28 April 1960
 THRU : Chief, Systems Engineering Branch, OC-E *AS*
 FROM : Chief, Systems Design Section

SUBJECT: Agent IR Transmitter

1. At an Army Intelligence Unit meeting in Germany, the engineer who designed the AN/PAC-2 said it was feasible to miniaturize the circuitry of the AN/PAC-2.

2. It occurred to me that it might be practicable to put the transmitter circuitry in a flashlight housing and equip the flashlight with a bulb, reflector, and IR filter such as are used in the AN/PAC-2. The battery would be carried separately, with a cable and plug for connecting to the transmitter. A small telescope, like a rifle 'scope, having a mounting clamp which indexed with the transmitting flashlight would provide the alignment device.

3. Such a set would give an agent an easily concealed one-way transmitter which could be infiltrated in three parts. D cells are recommended for power, being available in many parts of the world behind the "Curtain".

50X1

Distribution:
 Original + 1 - Addressee

DOC	17	REV DATE	11/31/80	BY	637169
ORIG COMP	33	GPI	56	TYPE	02
ORIG CLASS	C	PAGES	1	REV CLASS	C
JUST	22	NEXT REV	2910	AUTH:	HR 10-2

CONFIDENTIAL