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ROUTING AND RECORD SHEET

SUBJECT: (Optional)

FROM:		EXTENSION	NO.
			DATE 10 June 1969
TO: (Officer designation, room number, and building)	DATE		OFFICER'S INITIALS
	RECEIVED	FORWARDED	
1.		6/14/69	<p>COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)</p> <p>To 1: Here are copies of the Meeting Report for your information. Please pass one along to Dr. [redacted] Thanks [redacted]</p> <p>2 → 5 1 copy to [redacted]</p>
2.		6/11/69	
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. 5 June 1969

MEMORANDUM FOR THE RECORD

SUBJECT: Meeting of the
Committee

1. The [redacted] Committee met on 28 May 1969 in room 2E08 at 10:30 a.m. Present were:

2. The Chairman yielded the meeting to [redacted] who had prepared a presentation by the [redacted] on non-lethal weapons and animal programs, mainly related to [redacted] matters. First, [redacted] introduced [redacted] who was to talk on non-lethal weapons.

3. Mr. [redacted] said on the basis of several needs for non-lethal weapons for uses all the way from crowd control to the specific one of immobilizing a single man for capture and questioning, three different routes have been followed: microwaves, sound, and light. After looking over the alternatives, it was felt that light was the preferred course. The precise requirement had originated in [redacted] and had come through [redacted]

4. Mr. [redacted] said experiments with microwaves showed that it took too long a time to incapacitate someone. In the use of [redacted] a number of different proposals have been examined including "sound" which cannot be heard by the human ear, and an [redacted] discussed by a Frenchman. All of these efforts lead to the conclusion that an excessive amount of power is needed. The same problem of power comes up in electrically sourced light.

5. The route chosen by [redacted] is light provided by [redacted]. The idea is to temporarily blind a man without doing permanent damage. Mr. [redacted] then showed a film of experiments undertaken by the [redacted] with pilots. The test compared [redacted] duration with [redacted] personnel. The tests showed that the immobilization would only be possible in the [redacted] is now letting a small contract based on the use of [redacted]. They will pick out two or three of the most promising possibilities as demonstrated on a [redacted] range and try to come up with a usable size of package (breadbox size). Results would be compared with what has already been developed in laboratory studies.

6. During a brief discussion that followed it was brought out that during World War II work had been done on trying to [redacted] is working on light. Sound has not been washed out completely and work is being done on it.

7. Before turning the floor over to [redacted] on his animal program, [redacted] discussed work that had been done on dogs to determine what could be done to deter them in their search activity directed against [redacted]. Various efforts to neutralize the [redacted]

dogs have been unsuccessful so [redacted] has tried to find out what it is about men that dogs smell. Elimination tests indicate that it is the [redacted] which they can sense. On this basis a small project has been set up [redacted] using four German Shepherd dogs in an effort to deter tracking. If this should fail, work will then be undertaken at [redacted] where the [redacted] has a dog breeding program going.

8. [redacted] also commented that the [redacted] have an extensive dog-training program. To a question from the committee, [redacted] said one of the men who was working on the old dog project at [redacted] is working with him on this project.

9. [redacted] then introduced the project [redacted] examining the feasibility of training [redacted] He explained the project is a joint effort [redacted] The Agency provides management of the program and support through [redacted]

10. Although the project has been studied for some time, as of 1 May a new contract was signed with the [redacted] which is shooting for a 1969 objective of [redacted] positive guidance capability for [redacted] At the present time the capability is [redacted] are undergoing [redacted] training, [redacted] are being used for [redacted] experimental work. For training, food is the primary reinforcement, but the human element is still important. Ultimately, they are working for an automated control situation.

11. During the present period efforts are being primarily directed toward extending the range of control. For this purpose a lot of work is being done to develop the best possible guidance [redacted] For the time being they will not be working on [redacted]

12. [redacted] then showed a film, which had been pieced together from amateur camera work, on the training that is being done.

13. The Chairman reminded [redacted] that we owed the [redacted] a reply on their proposed order [redacted]

of _____ gear. _____ were asked to be ready to reply to the questions raised at the next meeting. The meeting was adjourned at 1215 p.m.