<table>
<thead>
<tr>
<th>Amount of Contract</th>
<th>Total</th>
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<table>
<thead>
<tr>
<th>Amount of Expenditures this period:</th>
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<tbody>
<tr>
<td>Personnel</td>
<td>$</td>
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<tr>
<td>Fringe Benefits</td>
<td></td>
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<tr>
<td>Overhead</td>
<td></td>
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<tr>
<td>Supplies</td>
<td></td>
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<table>
<thead>
<tr>
<th>Amount of Expenditures to date:</th>
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<tr>
<th>Estimate of Funds to Complete</th>
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<table>
<thead>
<tr>
<th>Percentage of Funds expended to date</th>
<th>25.5%</th>
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<table>
<thead>
<tr>
<th>Percentage of Work completed to date</th>
<th>25.5%</th>
</tr>
</thead>
</table>

(All amounts shown include overhead, G&A, handling chgs, etc.)

Is work on schedule? No

Can contract be completed in authorized time? No

Can the contract be completed with authorized funds? Yes
In conjunction with a visit by Dr. on August 23rd, an outline has been prepared for the preparation of a final report. A systems approach will be used in which each group or family of techniques will be reviewed. The physical aspects of the agent; delivery system; physiological, biochemical and medical considerations; results or effects; operational factors; applications and limitations will be considered. Recommendations as to utilization or further research will also be made. Dr. a Clinician, has begun evaluation of the data which has been assembled.

Objective for Next Period:

Synthesize an "inside-out" frame of reference for possible generation of additional "new" incapacitation methods and serve as an introduction to the state-of-the-art, systems approach review.
MONTHLY CONTRACT STATUS REPORT NO. 8

For period 1 September 1971 to 30 September 1971 Date: 12 Oct 1971

Contract No. 1 Task No. 1

Period of Contract 4 January 1971 to 4 March 1972

Estimated Cost Total

Amount of Contract

Amount of Expenditures this period:
Personnel Fringe Benefits Overhead Supplies

Amount of Expenditures to date:

Estimate of Funds to Complete

Percentage of Funds expended to date 15.2%
Percentage of Work completed to date 15.2%

(All amounts shown include overhead, G&A, handling charges, etc.)

Is work on schedule? No

Can contract be completed in authorized time? Probably not

Can the contract be completed with authorized funds? Yes
Technical Progress in Period: In view of the decision to place primary emphasis on the medical/physiological aspects of incapacitation, our research clinician, Dr. has reviewed the entire collection of documents pertaining to personnel incapacitation. As a working tool, he prepared an outline of an "inside-out" conceptualization of the problem. On reviewing this, Drs. concurred that the "systems" approach provided a better means of presenting the available concepts and material. Dr. has begun assembly and analysis of data on electric shock, which appears to be one of the more advantageous approaches to incapacitation of individuals. Mr. a Project research assistant, has begun a similar review of.

Objective for Next Period: Preparation and submission of a summary chapter on electric current as an incapacitating agent. Further work on...
3. Can the contract be completed with authorized funds? Yes

2. Can contract be completed in authorized time? Yes

1. Is work on schedule? Yes

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<table>
<thead>
<tr>
<th>Contract No.</th>
<th>Task No. 1</th>
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<tbody>
<tr>
<td>Period of Contract</td>
<td>Date: 12 October 1972</td>
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<tr>
<td>1 November 1970 to 30 September 1971</td>
<td>1970</td>
</tr>
</tbody>
</table>

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MATERIALS REPORT NO. 9

For period 1 September 1971 to 30 September 1971

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<tr>
<th>Amount of Expenditures to date:</th>
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<tbody>
<tr>
<td>Estimated Cost of Funds</td>
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<tr>
<td>Fringe Benefits</td>
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<tr>
<td>Supplies</td>
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<tr>
<td>Overhead</td>
</tr>
<tr>
<td>Personnel</td>
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<tr>
<td>G&amp;A</td>
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<tr>
<td>Administrative</td>
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<tr>
<td>Physical</td>
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<tr>
<td>Total</td>
</tr>
</tbody>
</table>

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Is work on schedule? Yes

---

Can contract be completed in authorized time? Yes

---

30.1% of work completed to date

---

Percentage of Expenditures to date: 30.1%
MONTHLY CONTRACT STATUS REPORT NO. 10

For period 1 October 1971 to 31 October 1971 Date: 17 November 1971

Contract No. Task No. 1
Period of Contract 1 Nov 1971 to 30 April 1972

Estimated Cost

Total

<table>
<thead>
<tr>
<th>Amount of Contract</th>
<th>Cost</th>
<th>Total</th>
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</table>

Amount of Expenditures this period:
- Personnel
- Overhead
- Fringe Benefits
- General Supplies

Amount of Expenditures to date:

Estimate of Funds to Complete

Percentage of Funds expended to date 45.6%
Percentage of Work completed to date 45.6%

(All amounts shown include overhead, G&A, handling chgs, etc.)

1. Is work on schedule? Yes, according to our revised schedule. If work continues at the same rate as in October, this project should be completed in March, 1972.

2. Can contract be completed in authorized time? Yes

3. Can the contract be completed with authorized funds? Yes
MONTHLY CONTRACT STATUS REPORT NO. 11

Period: 1 November 1971 to 30 November 1971

Contract No. 1
Task No. 1

Period of Contract: 1 Nov 1971 to 30 April 1972

Amount of Contract

Estimated Cost

Total

Amount of Expenditures this period:
- Personnel
- Overhead
- Fringe Benefits
- General Supplies

Amount of Expenditures to date:

Percentage of Funds Expended to date: 55.8%

Percentage of Work Completed to date: 55.8%

(All amounts shown include overhead, G&A, handling chgs., etc.)

Is work on schedule? Yes

Can Contract be completed in authorized time? Yes

Can the Contract be completed with authorized funds? Yes
Technical Progress in Period: A report, entitled "Agent for Personnel Incapacitation," by has been completed in draft form. Dr. has analyzed most of the remaining material on non-penetrating impact and has organized all of the impact material in preparation for writing this report.

Objective for Next Period: Both the impact reports are scheduled for completion prior to the end of December.

Submitted by
MONTHLY CONTRACT STATUS REPORT NO. 12

For period: 1 December 1971 to 31 December 1971  Date: 10 Jan 1972

Task No.: 1

Period of Contract: 1 November 1970 to 30 April 1972

Estimated

Cost:

Total

Amount of Contract

Amount of Expenditures this period:

Personnel

General Supplies

Fringe Benefits

Overhead

Amount of Expenditures to date:

Percentage of Funds to Complete:

Percentage of Funds Expended to date 65.0%

Percentage of Work Completed to date 65.0%

(All amounts shown include overhead, G&A, handling chgs, etc.)

1. Is work on schedule? Yes

2. Can Contract be completed in authorized time? Yes

3. Can the Contract be completed with authorized funds? Yes
Technical Progress in Period: A report, entitled "As a Vehicle for Incapacitating Agents (S)" by and Dr. was completed in December and forwarded to The report by Dr. on non-penetrating impact as an agent for personnel incapacitation has been completed in draft form and is under technical and editorial review.

Objective for Next Period: Publication of the report on impact.

Submitted by
# Monthly Contract Status Report No. 13

**For period**: 1 January 1972 to 31 January 1972  
**Date**: 7 February 1972

**Contract No.**  
**Task No.** 1  
**Period of Contract**: 1 November 1970 to 30 April 1972

## Amount of Contract

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<thead>
<tr>
<th>Estimated Cost</th>
<th>Total</th>
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## Amount of Expenditures this period:

- Personnel Fringe Benefits
- Overhead Supplies

## Amount of Expenditures to date:

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## Estimate of Funds to Complete

<table>
<thead>
<tr>
<th>Percentage of Funds Expended to date</th>
<th>76.6%</th>
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</thead>
<tbody>
<tr>
<td>Percentage of Work Completed to date</td>
<td>76.6%</td>
</tr>
</tbody>
</table>

(All amounts shown include overhead, G&A, handling chgs, etc.)

1. Is work on schedule? **Yes**

2. Can Contract be completed in authorized time? **Yes**

3. Can the Contract be completed with authorized funds? **Yes**
Comments:

Technical Progress in Period: A report entitled "Non-Penetrating Impact As An Agent For Personnel Incapacitation," by [Name] was completed in January and forwarded to [Name].

Mr. [Name] has completed the basic research on a report which will be entitled "[Title]" as an Incapacitating Agent."

Objective for Next Period: Publication of the report on [Title].

2) Trip to California by Dr. [Name] and the cardiologist consultant, Dr. [Name], for the purpose of examining and evaluating the [Title].

Submitted by [Signature]
**MONTHLY CONTRACT STATUS REPORT NO. 14**

**For period:** 1 February 1972 to 20 February 1972  
**Date:** 16 Mar 1972

**Contract No.:**  
**Task No.:** 1

**Period of Contract:** 1 November 1970 to 30 April 1972

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### Estimated Cost

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<tr>
<th>Amount of Contract</th>
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### Amount of Expenditures this period:

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<tr>
<th>Personnel</th>
<th>Fringe Benefits</th>
<th>Overhead</th>
<th>Supplies</th>
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</thead>
</table>

### Amount of Expenditures to date:

**Percentage of Funds Expended to date:** 85.1%

**Percentage of Work Completed to date:** 85.1%

*(All amounts shown include overhead, G&A, handling chgs, etc.)*

---

1. **Is work on schedule?** Yes

2. **Can Contract be completed in authorized time?** Yes

3. **Can the Contract be completed with authorized funds?** Yes
Comments:

Technical Progress in Period:

Mr. _, continued his report on personnel incapacitation. Dr. consultant to the project, visited and viewed films demonstrating the principle on human subjects.

Objective for Next Period:

1) Submission of a report on the evaluation.
2) Completion of the report.
3) Initiation of a brief study on Kirlian photography.

Submitted by
MONTHLY CONTRACT STATUS REPORT NO. 15

For period: 1 March 1972 to 31 March 1972 Date: 6 April 1972

Contract No. 01

Period of Contract: 1 November 1970 to 30 April 1972

Estimated Cost

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Personnel</td>
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<tr>
<td>Fringe</td>
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<tr>
<td>Overhead</td>
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<tr>
<td>General Supplies</td>
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<td>Travel</td>
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Amount of Contract

Amount of Expenditures this period:

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<th>Description</th>
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<td>Personnel</td>
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<td>General Supplies</td>
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<td>Travel</td>
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Amount of Expenditures to date:

Estimate of Funds to Complete:

Percentage of Funds Expended to date: 96.7%

Percentage of Work Completed to date: 99%

(All amounts shown include overhead, G&A, handling chgs, etc.)

1. Is work on schedule? Yes

2. Can contract be completed in authorized time? Yes

3. Can the contract be completed with authorized funds? Yes
Technical Progress in Period:

(1) Sanitized versions of the report have been prepared. These will be forwarded for unclassified dissemination.

(2) The report entitled As An Incapacitation Agent has been completed by Mr.

(3) A trip report on the visit of Drs. has been forwarded to.

(4) A prototype device for producing "Kirlian Photographs" has been fabricated and some 100 photographs have been made of various plants, including plants grown under laboratory conditions, specifically for this brief project.

Objective for Next Period:

Forwarding of the following reports:

- Incapacitation of Criminals by Non-Penetrating Impact
- Incapacitation of Criminals by Electric Current
- As an Incapacitating Agent
- Ad hoc report on Kirlian photography
- Final administrative report

Submitted by
Name of Contractor:

MONTHLY CONTRACT STATUS REPORT NO. 16

For period 1 April 1972 to 30 April 1972 Date: 22 May 1972

Contract No. [ ] Task No. 01

Period of Contract 1 November 1970 to 30 April 1972

<table>
<thead>
<tr>
<th>Estimated Cost</th>
<th>Total</th>
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<tbody>
<tr>
<td>Amount of Contract</td>
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<tr>
<td>Amount of Expenditures this period</td>
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<td>Personnel</td>
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<td>Overhead</td>
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<td>Supplies</td>
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</table>

Amount of Expenditures to date:

Estimate of Funds to Complete

Percentage of Funds Expended to date 96.7%

Percentage of Work Completed to date 100%

(All amounts shown include overhead, G&A, handling chgs, etc.)

1. Is work on schedule? Yes

2. Can Contract be completed in authorized time? Yes

3. Can the Contract be completed with authorized funds? Yes
Comments:

Technical Progress in Period: The following completed reports were submitted during this reporting period:

- Incapacitation of Criminals by Non-Penetrating Impact
- Incapacitation of Criminals by Electric Current as an Incapacitating Agent

The ad hoc report entitled Investigation of Kirlian Photography was completed during April and submitted on 19 May 1972. The Final Quarterly Technical Report, covering work performed during the period 1 February 1972 - 30 April 1972 was submitted on 22 May 1972.

Objective for Next Period: N/A

Submitted by