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BIOMECHANICAL STUDIES OF IMPACT ACCELERATION RESEARCH  
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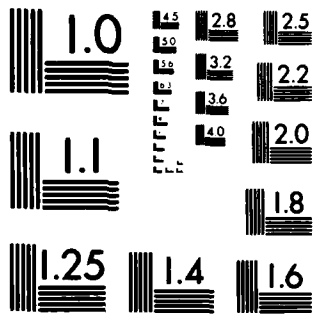


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OFFICE OF NAVAL RESEARCH  
Contract N00014-77-C-0305  
Task No. 207-086

FINAL TECHNICAL REPORT

Biomechanical Studies of Impact  
Acceleration Research

by

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15 December 1984

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) Nonhuman primates were maintained for studies on the biomechanics of acceleration impact research by Navy personnel at Navy facilities. → p.1		

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This contract became effective on February 1, 1977 and continued until July 31, 1984 when it was replaced with contract number N00014-84-C-0334. During that seven and one half year period the main scope of the contract was to maintain nonhuman primates for research by the Naval Biodynamics Laboratory in New Orleans. Animals have been maintained at this Center for the U.S. Navy since January 1972.

Through this contract the Center provided the facilities to house the nonhuman primates and provided the appropriate veterinary medical care for the animals. In addition to that facilities for surgery, X-ray, and pathological studies were also made available. The Center was responsible for maintaining medical and demographic records of the animals assigned to this project.

At one time or another during the course of this contract a total of 32 non-human primates were housed for the Navy. (table 1). This included 13 chimpanzees (Pan troglodytes) and 19 rhesus monkeys (Macaca mulatta). Twelve of the 13 chimpanzees were still available at the close of this contract, (table 2). One of the chimpanzees died on January 24, 1983. The rhesus monkeys remained on the contract until they were transferred to Navy facilities on March 1, 1984.



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Table 1 : Contract Animals

<u>Species</u>	<u>Animal No.</u>	<u>Sex</u>	<u>Assignment Date</u>	<u>Status</u>
P. troglodytes	0332	male	1-01-74	alive
"	3123	male	5-26-71	"
"	3124	female	5-26-71	"
"	3281	male	3-10-72	"
"	3282	male	3-10-72	"
"	3284	male	3-10-72	"
"	3285	male	3-10-72	"
"	6561	male	2-09-77	"
"	6562	male	2-09-77	died 1-24-83
"	6791	male	4-26-77	alive
"	7012	male	9-13-77	alive
"	7013	male	9-13-77	"
"	7014	male	9-13-77	"
M. mulatta	4096	male	3-14-74	transferred 3-01-84
"	4109	male	3-14-84	"
"	4116	male	3-19-74	"
"	4117	male	3-19-74	"
"	5138	male	12-01-78	"
"	5841	male	5-28-76	"
"	5842	male	5-27-76	"
"	5843	male	5-24-76	"
"	5846	male	5-28-76	"
"	5847	male	5-28-76	"
"	5848	male	5-28-76	"
"	5849	male	5-28-76	"
"	5851	male	5-28-76	"



Table 1 : Contract Animals (page 2)

<u>Species</u>	<u>Animal No.</u>	<u>Sex</u>	<u>Assignment Date</u>	<u>Status</u>
M. mulatta	5852	male	5-28-76	transferred 3-01-84
"	5853	male	5-28-76	"
"	5855	male	5-28-76	"
"	5859	male	5-28-76	"
"	5860	male	5-28-76	"
"	5861	male	5-28-76	"

Table 2: Chimpanzees Currently Supported on Contract

<u>Animal No.</u>	<u>Birth Date</u>	<u>Age(years)</u>	<u>Wt.(Kg)</u>
0332	10-01-59	25.2	60.00
3123	5-26-66	18.6	73.50
3124	5-26-66	18.6	39.00
3281	3-10-67	17.8	60.00
3282	3-10-67	17.8	66.50
3284	3-10-67	17.8	83.00
3285	3-10-67	17.8	63.25
6561	2-09-72	12.9	56.50
6791	4-26-72	12.7	60.75
7012	9-13-72	12.3	45.00
7013	9-13-72	12.3	57.75
7014	9-13-72	12.3	45.00

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