



Instrumenting Black Bear to obtain 24-hour body temp. patterns using inserted thermistor probe.

Frank Craighead



#6 Craighead

~~6~~ 10/8

(24)

NASA drawing of elk-nimbus 3 feasibility exp.

Might wish to use to compare IRSL (25 lb) package with RAMS (56 g.)



FIRST SATELLITE / ANIMAL TRACKING EXPERIMENT
BISON RANGE, MONTANA & JACKSON HOLE, WYOMING
JANUARY - FEBRUARY 1970

Photo montague (NASA)
Satellite (IRLS) tracking of an elk

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Instrumenting black bear for 24-hr body temperature patterns (32 MHz system)

Led to satellite monitoring of black bear

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Tracking grizzlies to dens – this start not completed
F. C. Craighead

#150913-A

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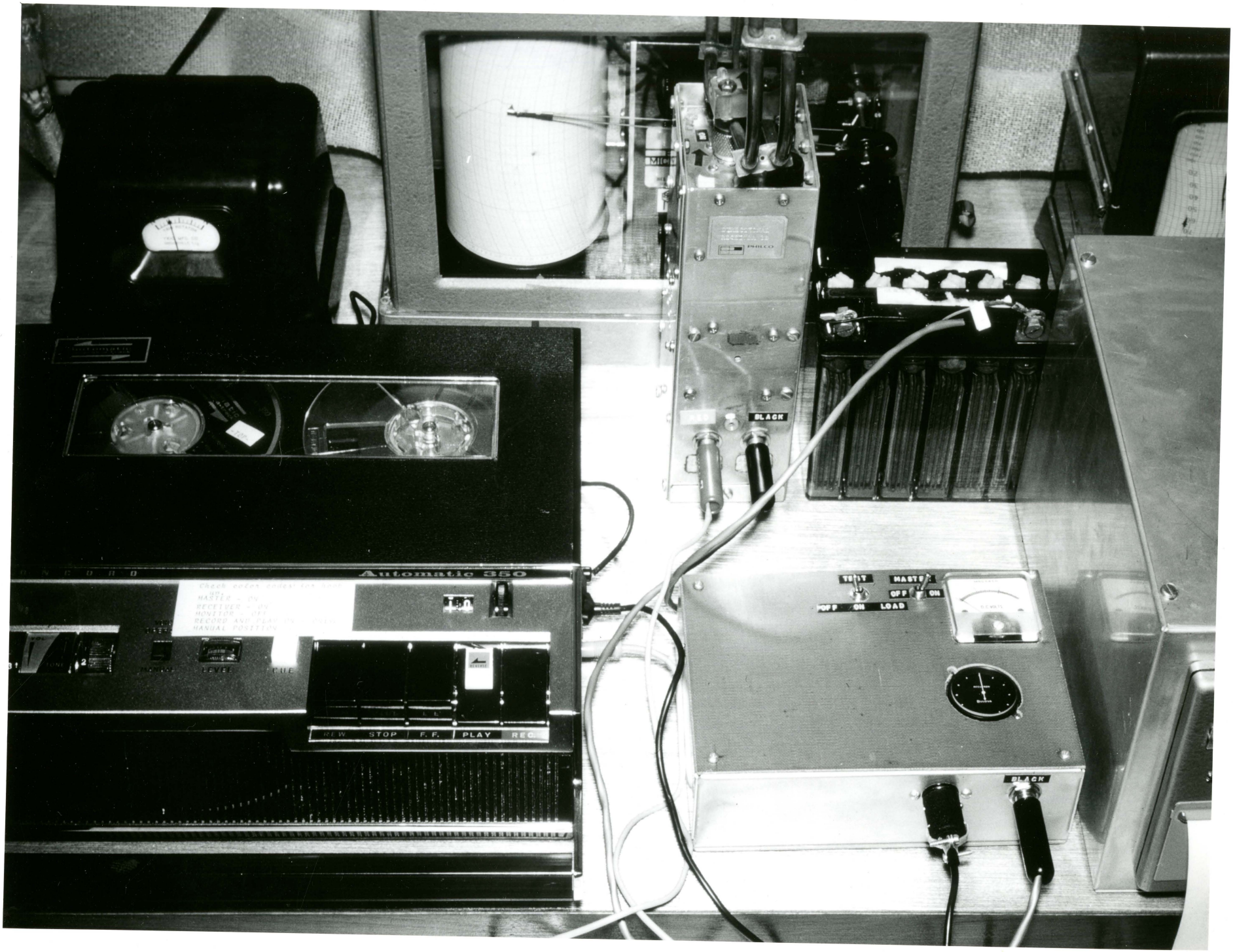
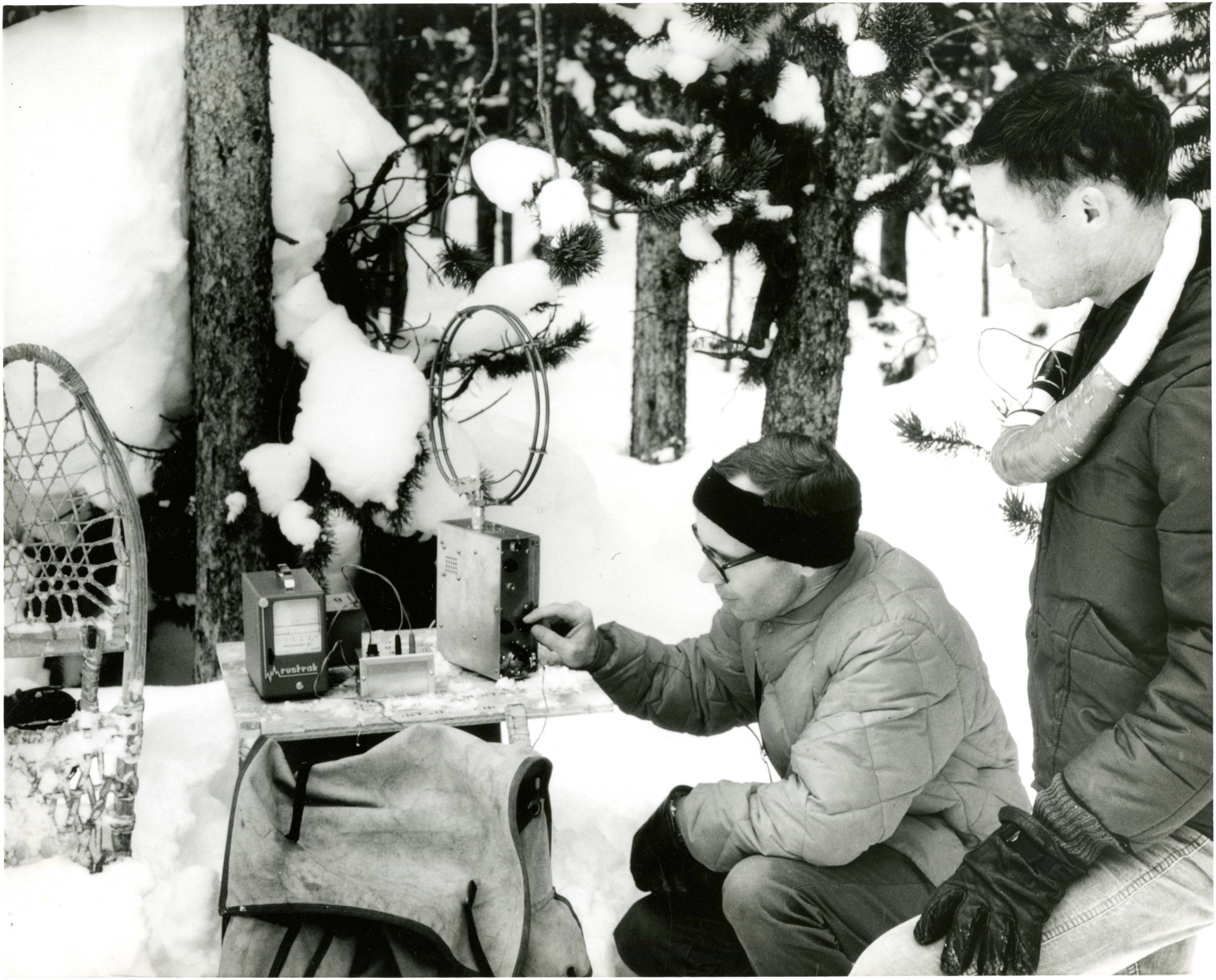

Automatic 350
MASTER - ON
RECEIVER - ON
MONITOR - OFF
RECORD AND PLAY ON
MANUAL POSITION
LEVEL
CUE
REW
STOP
F.F.
PLAY
REC.
PHILCO
BLACK
TEST
MASTER
OFF
ON
OFF
ON
LOAD
BLACK

Automatic recording of telemetry data
from grizzlies & elk

Frank Craighead


rustrak

Automatic recording of elk body temperatures (24-hr patterns)
Joel Varney, Hank McCutcheon

Frank Craighead



Black Bear in den instruments for obtaining
body temp.
den temp.
outside ambient temp.

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Inside looking out of den dug by grizzly
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by Frank Craighead

Fig. 8 Entrance way + part of bed chamber