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During the period 1963-1968, numerous research and development programs were undertaken in support of the Agency's interest and requirements. The diversity of programs reflected the multi-discipline character of biological sciences as well as the "common use" application of the research and development product. The following program briefs represent the major programs and achievements of the R&D effort during the 1963-1968 era.

ANIMAL STUDIES

The state-of-the-art of remotely controlling animal behavior resided within the animal behavior studies was funded by the [redacted] Division. The feasibility for remote guidance of animals in the free environment was demonstrated in 1965 using a [redacted] as the subject and an [redacted] as the guidance cue. This achievement prompted a more intensive investigation of other animal species. In the period 1966 to 1968, [redacted] guidance system was developed using [redacted] techniques. In late 1968, the [redacted] program was advanced to the operational and engineering development phase. One of the more notable achievements of the animal studies was the demonstration in 1968 that the homing behavior of [redacted] could be controlled and maintained in an [redacted] environment. Coupled to all animal guidance programs was the successful training of behavior necessary to emplace, deliver and/or retrieve [redacted] as well as the development of the hardware and logistics subsystems necessary to support the [redacted] phase.

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