

TABLE 7-1**RADIATION-INDUCED EARLY TRANSIENT INCAPACITATION (ETI) AS A FUNCTION OF TASK COMPLEXITY OR TASK DIFFICULTY**

Rank Order of Task Difficulty*	Task or Behavioral Criterion	Dose to Produce ETI (Gy)	Reference
1	Observation	50-300	110,115
2	Continuous avoidance **	50-100	116
3	Visual-discrimination task***	22	117,118
4	Speed-stress visual-discrimination task [†]	9 ^{††}	44

* Ranked from least to most difficult or complex

** Presentation of light required monkey to press a lever every 20 seconds to avoid shock

*** Circle and square randomly presented every 10 seconds on two backlit press-plates. Subject had 5 seconds to touch the square to avoid shock.

[†] Subject had 0.7 seconds to avoid shock

^{††} Calculated ED50 = median effective dose. Other numbers in this column were empirically observed instances of ETI and were not derived from curved fitting.

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