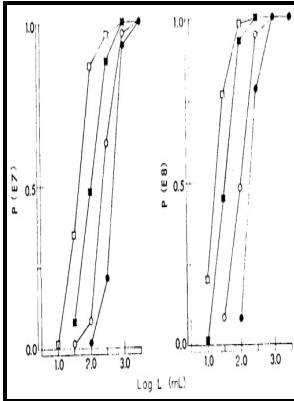


# Reaction time as a function of flash luminance and duration

Federal Aviation Administration, Office of Aviation Medicine - Analog Set Period



Description: -

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Visual acuity.

Reaction time. Reaction time as a function of flash luminance and duration

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AM (United States. Office of Aviation Medicine) -- 67-24.

AM -- 67-24. Reaction time as a function of flash luminance and duration

Notes: Also available online.

This edition was published in 1967



Filesize: 70.56 MB

Tags: #Luminance

## Luciferase Reporters

Older age, traumatic brain injury, and cognitive slowing: some convergent and divergent findings. I also apologize to reaction time researchers for omissions and oversimplifications. For example, incoming information has to be momentarily held in STM while performing a second and different processing task after which the information in STM has to be retrieved.

## Reaction Time

A full-power flash from a modern built-in or hot shoe mounted electronic flash has a typical duration of about 1ms, or a little less, so the minimum possible exposure time for even exposure across the sensor with a full-power flash is about 2.

## THE EFFECTS OF LUMINANCE AND THE DURATION OF FLASH INTERVAL ON SIMPLE VISUAL REACTION TIME

Perceptual and Motor Skills 95 3 : 747-752. Transient absorption spectroscopy can be used to trace the intermediate states in a photo-chemical reaction; energy, charge or electron transfer process; conformational changes, thermal relaxation, fluorescence or phosphorescence processes, optical gain spectroscopy of semiconductor laser materials. RT measurement in the context of mental chronometry has been a valuable tool in the information-processing perspective on cognition, and a very large number of studies have been reported within this tradition.

## How Long Should A Traffic Light Remain In The Yellow Phase?

Luciferases likely evolved at multiple stages during the course of history to yield enzymes that differ in expression pattern, substrate specificity, cofactor requirement and enzyme kinetics. No conclusions can be drawn about the duration of the percepts.

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