

# Timed Payload Delivery Concept

## IDEA

This is a method of dropping a payload from an RC plane (bomb) which opens up after a specific time delay. The delay is varied by changing the size of the prop, or the length of the thread used. Size of fins may need to be increased to stop bomb rotating in the air.

## CONCEPT

The prop is hard fixed to the thread. As the prop spins in the air, the thread is rotated, unscrewing it's self from the washers. The cavity can be ball shaped but preferably egg shaped, and is split into 2 to 4 segments. When the washer furthest away from the thread is released the segments fall away, dropping the payload. The curve of the washers keeps the segments held together.

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