

## A PROPELLANT BURN

Shown below is a series of photographs taken of a propellant burn carried out by the author in 1969. We were breaking down old WWII 3.7 Inch Anti-Aircraft ammunition and as part of this procedure we burned the propellant in lots of 500lbs.

The burn demonstrates several fundamental properties of propellants:

- It does in fact burn and not explode.
- When unconfined it burns reasonably slowly.
- It is very energetic.



These two photographs are of the same burn.



This is another burn at a later stage of the burn