

EXEMPT from automatic declassification
per E.O. 11652, Sec. 5(E)(2)

Turner, CIA 28 JAN 1978

Name Agency Date

A / 2020

Reason: CNR-4 091 Review on:

1. (a). Examine through powerful beam of light directed on surface at different angles.
(b). Photograph excluding certain rays of light.
2. Expose to daylight for one or two hours. Discloses salts of Gold and Silver.
3. Dust a little powdered Charcoal over the surface and brush off well. Discloses paraffine.
4. Run a warm iron over the surface. Discloses Sugar and sulphuric acid; Nickel Chloride and Nitrate; Cobalt Chloride or Nitrate; Copper Bromide or Copper sulphate and Potassium Bromide; Copper Chloride; the juice of Lemons, Onions, Leek, Cabbage, Artichoke.
5. Run a hot iron over the surface being careful not to scorch the paper. Discloses Potassium Hydroxide; Sulphuric acid; Potassium Nitrate; Copper Nitrate.
6. Wet with water. Discloses Camphor; mixture of Linseed oil, ammonia and water.
7. Expose to Hydrogen Sulphide gas or add a little water saturated with it. Discloses Lead Acetate; Compounds of Antimony; of Arsenic; of Tin.
8. Dry in the air and wet with ammonia water. Discloses Mercury and Copper Salts.
9. Add a little Hydrogen Sulphide water to the part wet with ammonia. Discloses Iron; Antimony; Tin; Copper.
10. Rinse with water and dry in the air.
11. Wet with a solution of Iron Sulphate. Discloses Gallic acid Potassium Ferrocyanide.
12. To another part of the paper add a little solution of Potassium Ferrocyanide, or tannin, Discloses Iron Salts.

CONFIDENTIAL

APPROVED FOR RELEASE DATE: 31-Mar-2011

NW 24049

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