

**SECRET**

11 February 1966

NOTES FROM BRIEFING ON NEW WEAPONS

Briefers: Col. Moeter, in charge  
Col. Holland (Reconnaissance)  
Col. Early (Development Work in Reconnaissance)  
Col. Partin (AFR-DDA) -- Area Denial Weapons

I. AREA DENIAL WEAPONS

A. Anti-Personnel

- 1. DRAGONTTOOTH -- this is a small weapon that will not be in production until September 1966.  
Detonates with 30 lb. pressure.  
Self-neutralizing in 7-8 hrs.
- 2. <sup>Wide area</sup> TRIPWIRE MINE -- this mine will (TFDM Dispenser) penetrate jungle canopy.

It has 8 wires each giving out 25'.

An F-4 with 16 TFDM cannisters will give 40 miles of pattern several hundred feet in width of 50% probability.

With a <sup>H</sup>ayes Dispenser (SUU-24) in a B-47 or B-52 the pattern with 50% probability will be 100 miles long and 3800 ft. wide. *76% = 3800' wide by 34 miles long*

This model will sterilize, by self-detonation in 144 hours. They are trying to get it up to 1,000 hours.

There is a crash program to get this to the field in South east Asia. They hope to have a short-shelf life (<sup>less than 10 years</sup>) model in production by December 1966. *If not permitted then 10 months*

B. Anti-Tank Land Mine (in engineering)

This mine works on a magnetic field.

It buries itself at about 3'. Ideal for getting a tank. Will work on a truck except that the magnetic field for a truck is smaller.

Weapon self-destructs in 12/48/or 72 hours.

It will be a good year before this is in production.

\*USAF Declass/Release Instructions On File\*

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C. FMU-30-B Land Mine Fuse

This fuse self-destructs in 84 hours. It digs in 5'. It will take out trains, trucks, etc. Makes a 32' crater.

It has a counting capability from 1 to 4.

To be operable in March 1966.

Designed for use with MLU-10 mine (750 lb.)  
Can also be used with Mach 81 (250 lb.) bomb  
or Mach 82 (500 lb.) bomb  
or any standard-fuse bombs.

M-117  
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