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USAF review completed.

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USAF review completed.


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	SUPPLEMENT TO REPORT #		25X1


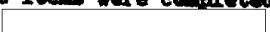
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1. 

 The foundry address is Miskolc 10 /Enclosure A shows the general location/. It is subordinate to the Ministry of Metallurgy and Machine Industry. Since construction of the foundry in 1950, it has produced the following major items: seven-ton and 10-ton cranes (under special contract); farm plows; five-ton, seven-ton, 10-ton and 12-ton mechanical truck jacks; small lathes for making tool parts; a subassembly for armored vehicles; gun tubes for 37 mm, 57 mm, 85 mm and 122 mm AAM; and final assembly of these weapons.

2. Production of lathes and other domestic products was severely reduced after September 1953 at which time the foundry cut its personnel of five to six thousand by about 50 percent. Parts for these lathes were produced outside the foundry while the foundry itself made the precision items. In 1956, 240 lathes, model EAM-6L, were completed over a three months period. Approximate dimensions of these lathes are: 2.5 meters long, 120 cm high, and 40-50 cm wide. Of these finished items 70 percent were scheduled for export 

3.  sketch which shows a machine casting for armored vehicles. These castings were received at the foundry as rough castings and were finely machined for export. This item is an elliptical casting in the form of a deep trough whose symmetrical counterpart, upon being belted at the flange, completes the subassembly. Approximately 120 pair of these items were completed per year and sent to Godollo, Hungary  $47^{\circ}36'N/19^{\circ}21'E$ .  the factory in Godollo is an assembly plant for armored vehicles. The name of this factory is Gepipari Keszulekek Gyara.

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4. Work on gun tubes involved finishing the rough castings which were received from the Bimavag Gepgyar foundry, a larger plant [redacted] 25X1  
 [redacted] Finishing the tubes included rifling the barrel, threading the muzzle to receive the muzzle brake and machining the breech end to receive the breech ring [redacted] sketch which shows the outrigger pattern and approximate general dimensions of a 122 mm AA gun tube. These tubes were of the calibers 37 mm, 57 mm, 85 mm, and 122 mm. Two tubes and two breech rings were produced for each weapon (not multiple mounts). On-carriage sights and breech rings were manufactured at Magyar Optikai Muvak of Budapest. By 1956 production on finished gun tubes ended and only rebaring of damaged pieces was done. 25X1
5. The foundry also had the function of assembling Soviet antiaircraft weapons of the aforementioned calibers. Production of these items was highly classified and upon completion the pieces were covered with canvas. [redacted] 25X1  
 [redacted] 25X1

AA Assemblies Completed

	<u>Oct '53 - Jan '54</u>	<u>1954</u>	<u>1955</u>	<u>Jan '56 - Oct '56</u>
122 mm	200 - 300	100 <sup>+</sup>	60	Repairs Only
85 mm	80	50	Repairs Only	Repairs Only
57 mm	80	50	Repairs Only	Repairs Only
37 mm	*	*	*	*

\*NOTE: None Since 1953

The general impression at the foundry was that these pieces were obsolete. None of the pieces were rejected even after inspection by the military.

6. The foundry complex consisted of approximately 12 buildings situated on a generally rectangular plot /Enclosure B is a layout of factory complex/. The buildings are constructed of reinforced concrete. They are all one-story buildings except the tool shop which consists of three levels. The assembly building stands apart from the complex due to its height. Work was arranged in three eight-hour shifts. The number of workers per shift varied with the four a m to 12 noon period employing the greatest percentage of workers. Before the revolution the foundry employed about three thousand workers; of these 460 were skilled laborers. At the end of the uprising 35 percent of the personnel returned to the foundry but production had come to a complete standstill in the meantime. No training program was in effect. Supply of raw materials was critical in production. The poor quality of steel was also detrimental to the operation of the foundry. Administrative personnel comprised 52 percent of total personnel. Electric power, heat, and hot water had their source in the Bimavag foundry.
7. Morale was generally poor due to low wages which ranged from 450 forints per month for maintenance personnel to 3500 plus one thousand forints bonus per month for the chief engineer. Lately the labor force was deprived of vacation with pay, a policy which prevailed during previous years. Factory leaders were happy to get military contracts because of the high bonus involved.
8. Outline of plant management personnel:

- Pala Keltai - director
- Ivan Huszar - chief engineer
- Imre Seentidai - chief bookkeeper
- Janos Szilagyi - tech central chief
- Janos Hegedus - production chief
- Barna Juhasz - tool making chief
- Laszlo Gado - personnel manager

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9. Located about four km to the north of the foundry is an AA gun testing area  
Csengas BU 7700 2300 AMS 4765E.

ENCLOSURE A - Geographic Location of Factory - Classified CONFIDENTIAL

ENCLOSURE B - Layout of Factory Complex - Classified CONFIDENTIAL



sketches:

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1. Sketch of Machined Casting for Armored Vehicle - Classified CONFIDENTIAL
2. General Sketches of 122 mm AA Gun. - Classified CONFIDENTIAL

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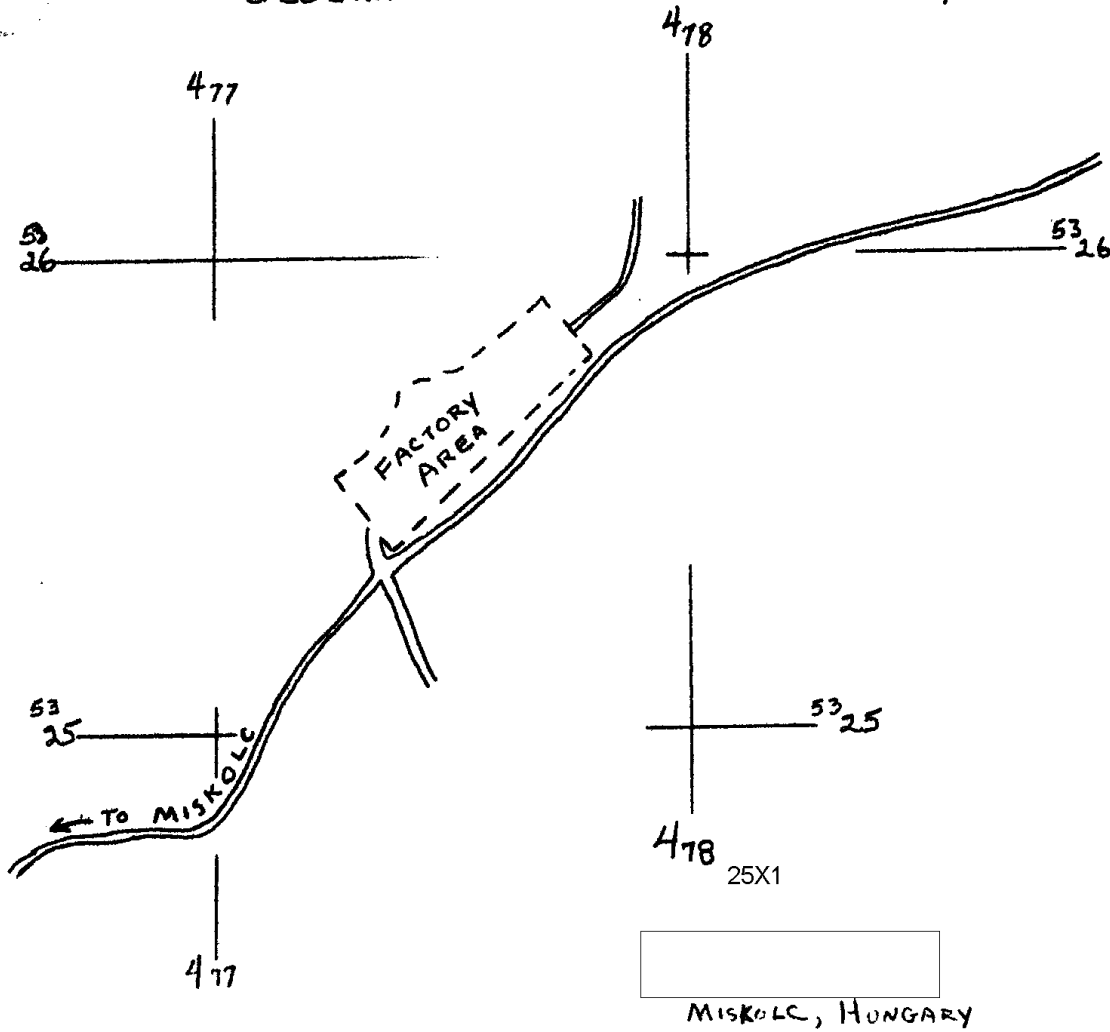
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### GEOGRAPHIC LOCATION OF FACTORY



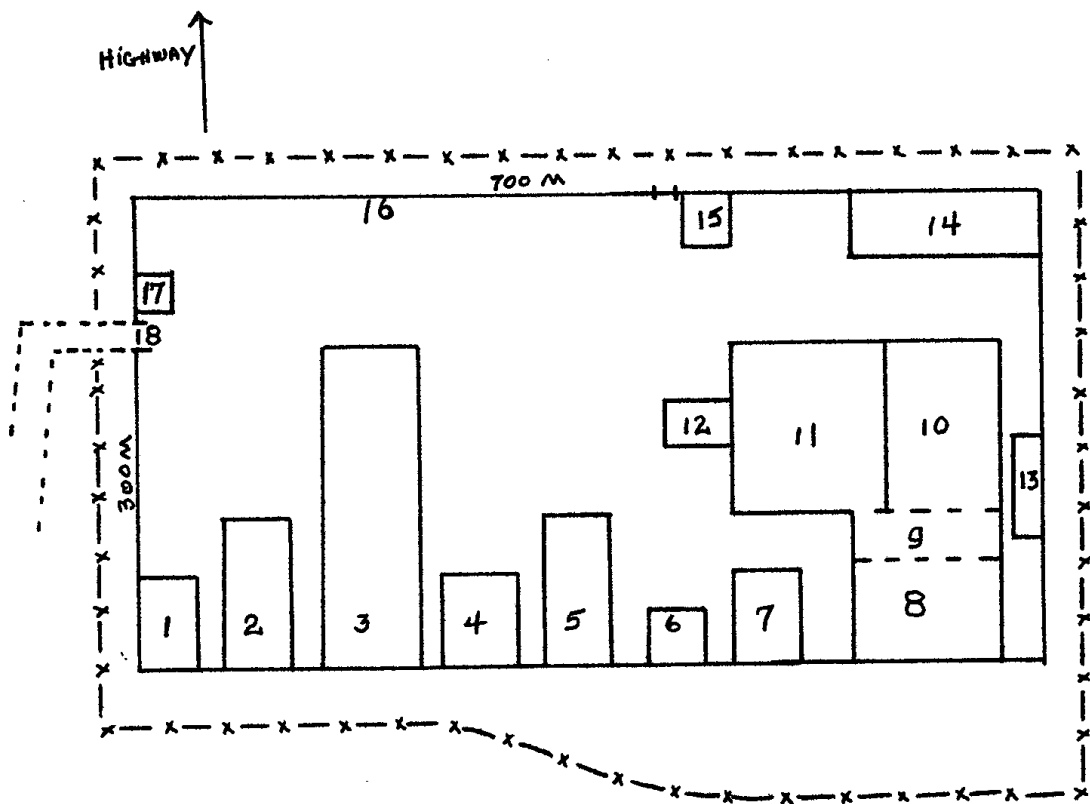
ENCLOSURE A.

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ENCLOSURE B. LAYOUT OF FACTORY COMPLEX



\*DIMIVAG\*  
GEP5YAR  
50-60 m

1. Garage - eight-10 trucks; two passenger cars; three jeeps
2. Transportation Office
3. Central Tool Supply
4. Machine Repair
5. Tool Shop
6. Metallurgy Res Lab
7. Director's Office
8. Assembly Area #2
9. Assembly Area #A
10. Assembly Area #1
11. Parts Production & Tube Boring
12. Technical Control Section
13. Chrome & Nickel Supply for Tools
14. Steel Supply
15. Guard
16. Garden
17. Guardhouse
18. Gate

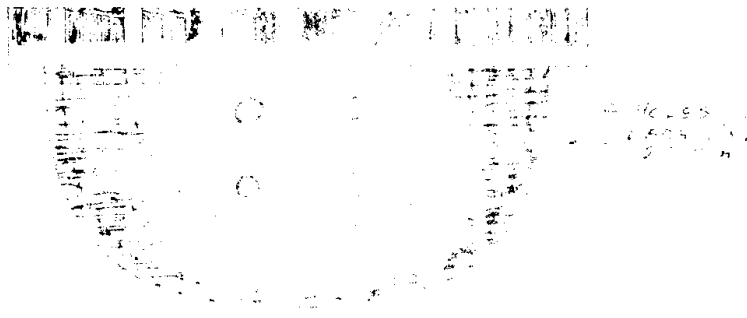
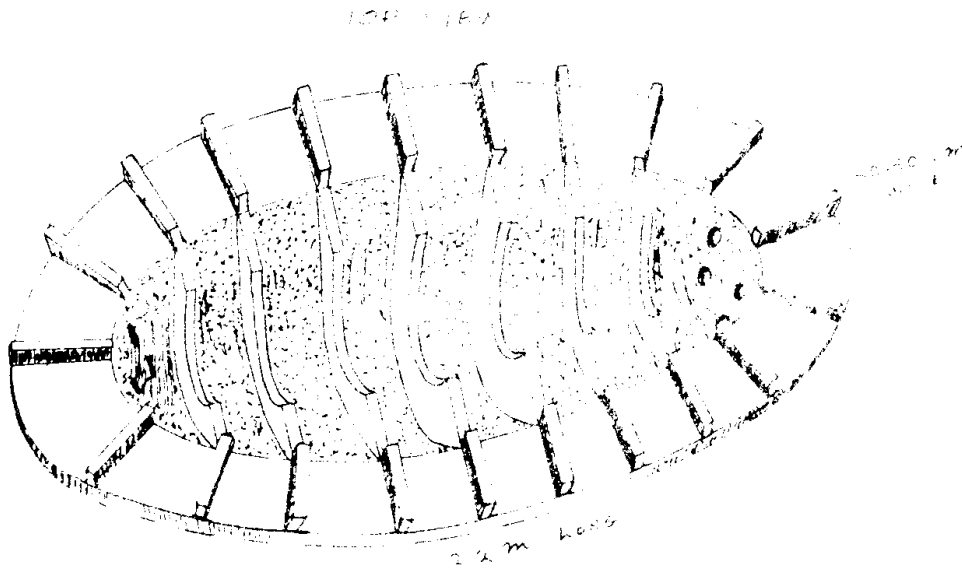
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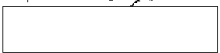


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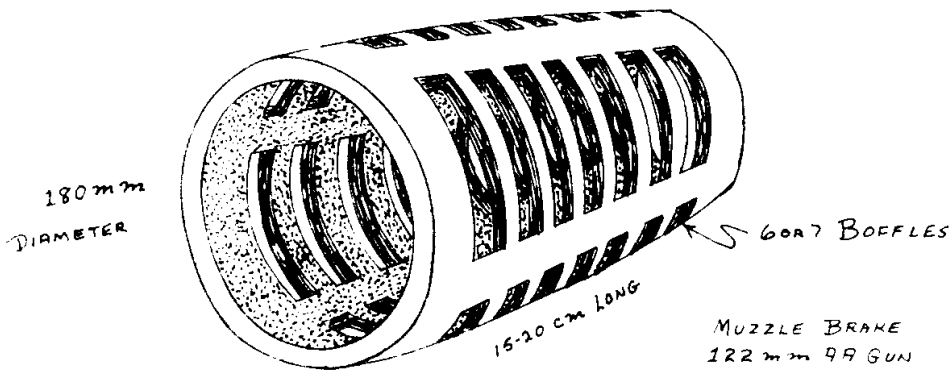
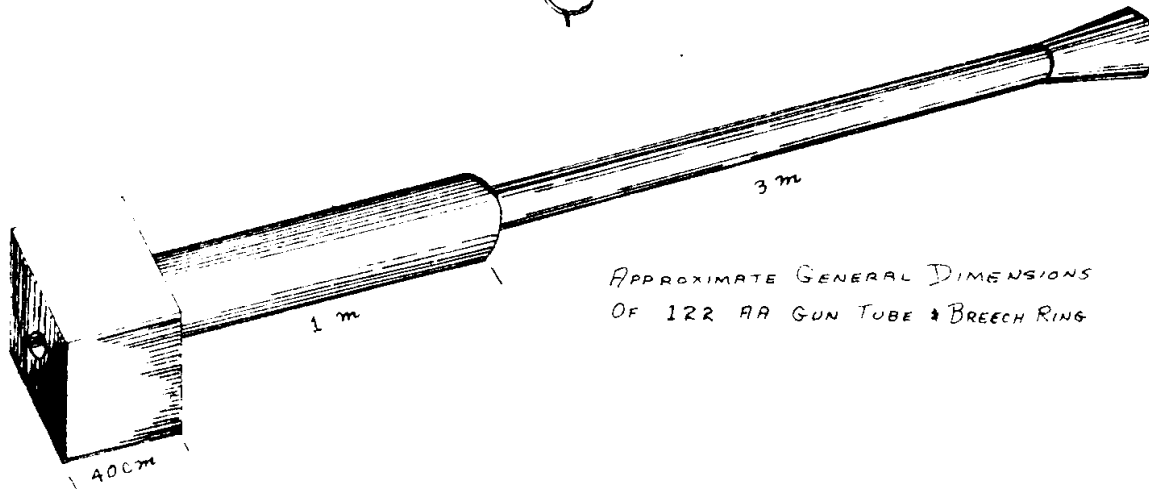
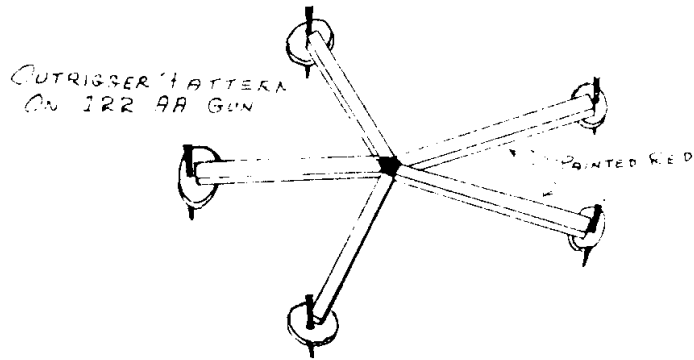


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GENERAL SKETCHES OF 122 mm AA GUN

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~~ANNEX 4~~



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