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**S E C R E T**  
SECURITY INFORMATION

REPORT

25X1

COUNTRY Czechoslovakia

DATE DISTR. 16 Oct 53

SUBJECT The T-49 Tank

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SUPPLEMENT TO REPORT NO.

25X1

DATE OF IN

THIS IS UNEVALUATED INFORMATION

25X1

1. There were nine T-49 tanks in the tank battalion of the 103rd Mecz. Regt., 3rd Tank Div., at Mlada, near Milovice <sup>N</sup> 50-14, E 14-547. The T-49 tank was a version of the Soviet T-34 tank with the following improvements:

a. The turret has a lower silhouette brought about through redesign to create an oblong turtle-shaped turret (cast) similar in design to the JS-3 turret. It has a smooth top (with no cupolas) with a 12.9 mm. heavy machine gun in front of the right hatch. The machine gun is independently traversed and is used for AA and ground fire. Two periscopes are employed through the top of the turret, one front and left of center and the other rear of center and left. [redacted] the gun is from 85 to 120 mm. and has no muzzle brake. The turret is 1.5 cm. thicker than that of the T-34.

25X1

b. The hull has a 12.7 mm. machine gun in a ball mount on the right front of the glacis plate (similar to the T-34 in placement). The glacis plate apparently contains no hatch [redacted]

25X1

[redacted] The tank has Christie type suspension consisting of six large bogie wheels. The hull has approximately a one-half inch increase in armor on the glacis plate.

[redacted] The hull has received overall redesigning in the slope of armor and possibly [redacted] in the placement of armor. The hull dimensions are somewhat larger than those of the T-34.

c. [redacted] the track on the T-49 was an improvement over the T-34 type track [redacted]

d. The engine of the T-49 is diesel and air-cooled [redacted]

25 YEAR RE-REVIEW

**S E C R E T**

SECURITY INFORMATION

ARMY review completed.

25X1

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S E C R E T

- 2 -

25X1

2. In January 1953, in a speech at a conference of officers from the 103rd Mecz. Regt., a Sr. Lt. CADRIK (fnu), CO of the Tank Bn., 103rd Mecz. Regt., said that the T-49 tank was being produced in Czechoslovak factories. He stated that the engine was being made in the Skoda Works in Pilsen and that other parts were being made in the Skoda Works in Mlada Boleslav and in an arms plant (which he did not identify) in Strakonice N 49-16, E 13-54. He said that the turrets were being produced at the CKD (Cesko-Moravska kolben danek) Works in Prague. CADRIK mentioned the T-49 as an example of the increasing recognition being accorded Czechoslovak workmanship, saying that the T-49 was streamlined in comparison with the Soviet T-34, which [redacted] was very crudely made.

25X1

S E C R E T

25X1

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