

RESTRICTED

HEADQUARTERS
COMMUNICATIONS ZONE, ETOUSA
OFFICE OF THE CHIEF ORDNANCE OFFICER
APO 887

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19 March 1945

ETO ORDNANCE TECHNICAL INTELLIGENCE REPORT NO. 185

SUBJECT: Modified German Semi-Tracked Vehicles.

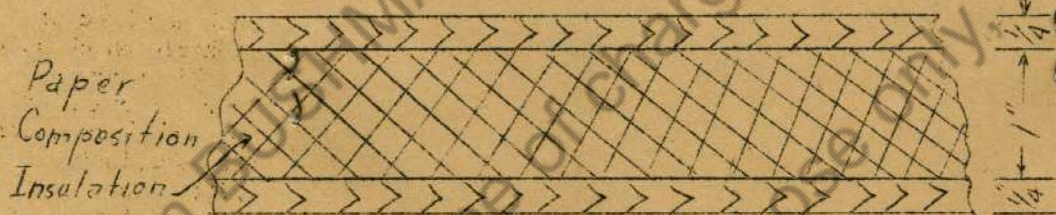
Observations by: Lt. J. F. Eppes, Ord. Tech. Intell. Team No. 3.

1. GENERAL:

Two German semi-tracked vehicles with wooden fabricated cabs, substituted for the usual metal cabs, have been examined. The chassis of one of the vehicles was the normal 2-ton Maultier semi-tracked truck, Sd. Kfz. 3b, (Ford). The chassis of the other was that of the light armored semi-tracked vehicle Sd. Kfz. 250, with the suspension of the 1-ton prime mover Sd. Kfz. 10. A sheet metal engine hood has replaced the usual one of armor plate. (Photo No. 2).

2. DESCRIPTION OF CABS:

The cabs are constructed with fabricated panels consisting of a sheet of one-inch thick paper composition insulating material between two 1/4-inch thick wood panels, as shown in the cross-section below:



The cabs are fitted with 49-1/2 in. x 30 in. doors on each side. Each door is covered on the outside with a 1/8-inch thick metal sheet and has a two-section window. The forward section of the window is pivoted on the upper and lower edges for opening. The windows are weather insulated with rubber pads. (Photo No. 1).

The two-piece is fastened in place and cannot be opened (Photo No. 2).

A circular opening, 7 inches in diameter, with a hinged door, has been cut in the back wall of the cab for rear vision.

3. BODIES:

The Maultier vehicle was fitted with a wooden flat-bed body (Photo No. 3). The body of the other vehicle was also of the flat-bed type but was fitted with transverse partitions dividing it into three sections, as shown in Photo No. 3. Wooden sides, 20 inches high, are hinged to the bed and open outward.

4. TRACTION DEVICES:

Chain-type traction devices were found fitted to every fifth rubber pad of the tracks on the vehicle with the 1-ton prime-mover suspension.

For the Chief Ordnance Officer:

H. N. Toftoy
H. N. TOFTOY,
Col., Ord. Dept.
Assistant,

Incl.:
Appendix "A" - Photo 1 thru 3.

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Photo No. 1
Winterized cab
on Maultier semi-
tracked vehicle.



Photo No. 2.
Cab and hood of
vehicle on chassis
of light armored
car. Section of
hood over radiator
is made in two
pieces that are
hinged at the side.



Photo No. 3.
Body construction
of vehicles.
Maultier vehicle
is in background





