

LOS - M



Artillery reconnaissance assembly

Artillery reconnaissance assembly „LOS-M“ is a modification of an artillery reconnaissance assembly “LOS”. Special functional structure, enabling fulfilment of all required functions of artillery reconnaissance assembly, was implemented onto the BVP-1 engine platform.

Purpose

Artillery reconnaissance assembly „LOS -M“ is integral part of artillery battalion firing control system and is designed for artillery battlefield reconnaissance and for data securing needed for firing when performing tasks of forces firing support. The assembly serves as a position for forward observer with reconnaissance unit. It is supposed to be deployed especially in exposed battlefields, where ensures very good protection of crew and devices against grenade fragments, small weapons bullets and mass destruction weapons. Further, is possible to use assembly advantageously for forward positions that have to be taken very fast or that would otherwise be very difficult to access for artillery forward observer and finally to important civil and military areas and objects guarding.



Main Tactical-technical parameters

Dimensions:	Length	6 735 mm
	Width	2 940 mm
	Height	2 068 mm
Mass:	Total mass	13 000 kg
External communication subsystem:	Hand radiostation Harris RF7800M-HH	1 pc
	Vehicle radiostation RF 1325	1 pc
	Compatible vehicle radiostation with AN PRC 117G	1 pc
Navigation subsystem:	GPS receiver DAGR AN/PSN-13A	1 pc
	Inertial navigation unit TALIN 3000	1 pc
Optical sensors target range , type TANK:	Day camera detection	up to 13 km
	Day camera reconnaissance	up to 5 km
	Day camera identification	up to 2,5 km
	IR camera detection	up to 9 km
	IR camera reconnaissance	up to 3 km
	IR camera identification	up to 2 km
	Laser rangefinder range	up to 20 km
Alternative Reconnaissance Kit (SNPz):	Leica Vector 21 Nite	1 pc
	GonioLight V or STERNA V	1 pc
	Data terminal IX104C5DMSR	1 pc
	GPS receiver DAGR AN/PSN-13A	1 pc
	Tripod	1 pc
	Backpack TL 98 S UV VZ 95 VTUVM	1 pc