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Basic Imagery Interpretation Report



**NATIONAL
PHOTOGRAPHIC
INTERPRETATION
CENTER**



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**MUKACHEVO PROPELLANT HANDLING
AND STORAGE FACILITY**



**DEPLOYED STRATEGIC SSM FACILITIES
USSR
NOVEMBER 1968**

COPY NO. 101

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GROUP 1: EXCLUDED FROM
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STATION OR ACTIVITY NAME Tukachevo Propellant Handling and Storage Facility formerly Mukachevo Suspect Missile Support Facility)					COUNTRY UR
COORDINATES A	GEOGRAPHIC COORDINATES 48-24-20N 022-39-40E	CATEGORY	BE NUMBER	COMIREX NO.	METR NO.
AP REFERENCE USATC 200, Sheet 0232-24A, 1st ed, Dec 57, Scale 1:200,000 (SECRET)					
REFERENCE USED			NEGATION DATE (if required) NA		

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ABSTRACT

[Redacted Abstract Content]

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INTRODUCTION

The Mukachevo Propellant Handling and Storage Facility (Figure 1) is located in a heavily wooded area approximately 3 nautical miles (nm) southwest of Mukachevo, USSR, and 1.5 nm west of Mukachevo Airfield [Redacted]. Approximately 6 nm southwest of the facility is the Mukachevo MRBM Launch Complex, consisting of two launch sites.

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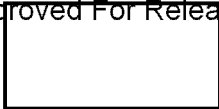
The handling and storage facility probably served as a propellant handling and storage area for early MRBM systems deployed in the area. There are indications that the major structure in the facility may have been used as an air liquefaction plant for the support of the SS-3 SHYSTER MRBM system previously deployed at the two nearby Mukachevo MRBM launch sites. During the time that the SS-3 system was actively deployed at the Mukachevo sites, propellant transporters were seen at the handling and storage facility, to which the launch sites are connected by an improved road network. The sites are now inactive. Because of the recent presence of probable cryogen tank cars and the continuous presence of standard tank cars at the facility, it is believed that the facility may supply fuel and cryogens to other installations in the area.

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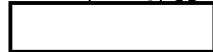
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BASIC DESCRIPTION

The secured facility is served by a rail spur from the Mukachevo-Chop rail line. The spur is approximately 5,200 feet in length, and within the facility it subdivides into at least seven dead-end sidings or passing loops. Adjacent to the rail sidings are two loop roads which can be used for transloading. Two improved access roads serve the installation, one extending east toward the Mukachevo main road, which serves the MRBM complex, and one extending north.

The major structure in the facility is a step-roofed building (item 3, Figure 1), positioned in Transloading Area A (see Figure 1). It has an associated cylindrical storage tank (item 4) and an associated support building (item 5). This main building with an associated tank exhibits similarities to the air liquefaction plant at the Kapustin Yar/Vladimirovka Missile Test Center and may have been used for air liquefaction. Four overhead conduits extending from the step-roofed building service six of the rail sidings and an adjacent loop road. The loop road encircles a small vehicle shed (item 1).

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Road- and rail-served, earth-mounded probable storage tanks (item 7) are northeast of the main building, in Transloading Area B. Southwest of the main building is an area, designated Transloading Area C, which contains a rail siding normally occupied by tank cars and served by a circular loop road. The storage and handling facility also contains five areas of open storage, usually obscured by foliage. At least 27 probable storage tanks (item 16) have been observed in two of these areas. Ten possible crates (item 15) and a large number of unidentified objects also have been observed in open storage. Numerous buildings are contained within an administration and support area.

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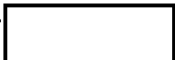


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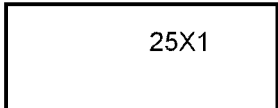
On coverage of [redacted] ten probable propellant transporters are parked on the loop road that serves the main structure. Unidentified vehicles and possible propellant transporters were also observed at this location on earlier coverage. The absence of these vehicles on the loop road on later coverage coincides with the absence of missile-related equipment at the two Mukachevo MRBM launch sites, which are now inactive.

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ITEM NO	DESCRIPTION	DIMENSIONS (FT)
TRANSLOADING AREA A		
1	VEHICLE SHED	
2	2 STANDARD SINGLE-DOME TANK CARS	
3	STEP-ROOFED BLDG	
4	CYLINDRICAL STORAGE TANK	
5	SUPPORT BLDG	
6	4 PROB CRYOGEN TANK CARS	
TRANSLOADING AREA B		
7	EARTH-MOUNDED PROB STORAGE TANKS	
8	5 STANDARD SINGLE-DOME TANK CARS	
ADMINISTRATION AND SUPPORT AREA		
9	2-STORY PROB HEADQUARTERS-TYPE BLDG	
10	POSS BARRACKS BLDG	
11	POSS OPERATIONS BLDG	
12	VEHICLE SHED OR MAINTENANCE BLDG	
13	VEHICLE SHED OR MAINTENANCE BLDG	
OTHER		
14	UNIDENTIFIED OBJECTS IN OPEN STORAGE	
15	10 POSS CRATES	
16	27 PROB STORAGE TANKS	
17	4 POSS CRYOGEN TANK CARS	

FIGURE 1. MUKACHEVO PROPELLANT HANDLING AND STORAGE FACILITY, USSR.

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REFERENCES

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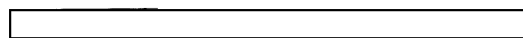


MAPS OR CHARTS

ACIC. US Air Target Chart 200, Sheet 0232-24.A. 1st edition. Dec 67, Scale 1:200,000
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REQUIREMENTS

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