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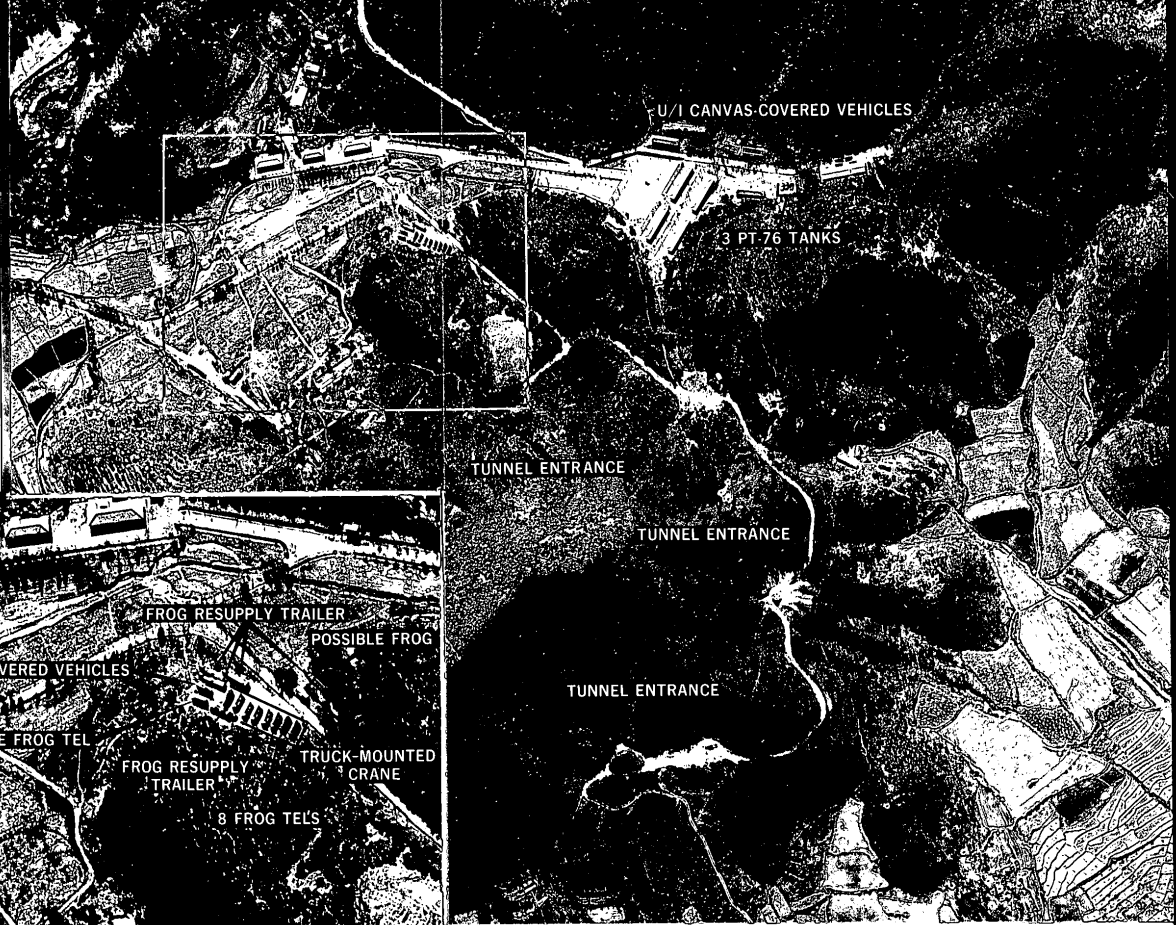
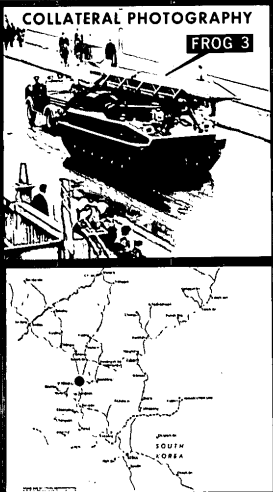


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FROG EQUIPMENT BARRACKS AND SUPPORT AREA PYONGYANG, NORTH KOREA 39-00N 125-36E



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REFERENCE GS S198 FROG EQUIPMENT
BARRACKS AND SUPPORT AREA
PYONGYANG, NORTH KOREA
39-00N 125-36E

1. SIGNIFICANCE: THIS BRIEFING BOARD DEPICTS THE FIRST IDENTIFICATION OF FROG EQUIPMENT IN NORTH KOREA.
2. LOCATION: THE EQUIPMENT IS LOCATED AT PYONGYANG BARRACKS AND SUPPORT AREA 6.8 NAUTICAL MILES WEST-SOUTHWEST OF PYONGYANG AT 39-00-00N 125-36-10E.
3. BACKGROUND: THE FREE ROCKET OVER GROUND (FROG) IS A SOLID PROPELLANT, SURFACE-TO-SURFACE UNGUIDED SYSTEM. THE CARRIER IS A MODIFIED PT-76 TANK CHASSIS WITHOUT ITS ORIGINAL AMPHIBIOUS CAPABILITY. THE WEAPON HAS EXCELLENT CROSS-COUNTRY MOBILITY AND HAS THE CAPABILITY OF RENDERING SUPPORT TO GROUND FORCES IN A WIDE VARIETY OF CLIMATIC AND TERRAIN CONDITIONS.

CHARACTERISTICS AND PERFORMANCE

- A. TRANSPORTER/ERECTOR/LAUNCHER -- MODIFIED PT-76
- WEIGHT, COMPLETE SYSTEM -- 18.3 TONS
- SPEED -- 25 MPH
- CRUISING RANGE -- 155 MILES
- LENGTH -- 22 FEET

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GROUP 1: EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

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WIDTH -- 10.3 FEET
HEIGHT -- 9.8 FEET (INCLUDING ROCKET)

B. ROCKET (EXAMPLE USED--FROG-3)

LENGTH -- 36.09 FEET
DIAMETER -- 1.31 FEET
WEIGHT -- 4,890 POUNDS
RANGE MAXIMUM -- 18.2 NM
MINIMUM -- 5.8 NM

WARHEAD (NUC) (HE) (CW)

WEIGHT -- 1,090 (HE)

C. ASSOCIATED EQUIPMENT

ROCKET TRANSPORTER TRAILER-ZIL-157V

TRUCK-TRACTOR OR UAZ-69 UTILITY TRUCK

T-34 RECOVERY VEHICLE-T-34/85

MEDIUM TANK CHASSIS.

THE CREW NORMALLY CONSISTS OF 15 MEN.

4. MISSION READOUT: GIANT SCALE S198, 17 OCTOBER 1969, REVEALS EIGHT PROBABLE AND ONE POSSIBLE FROG TRANSPORTER/ERECTOR/LAUNCHERS (TEL), AND FIVE FROG RESUPPLY TRAILERS (ONE UNCOVERED WITH POSSIBLE ROCKET). THE FROG TEL ARE MOUNTED ON PT-76 CHASSIS. IN ADDITION THERE ARE ONE TRUCK-MOUNTED CRANE,

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THREE CANVAS-COVERED PT-76 TANKS, FIVE TRUCKS, NINE PROBABLE UAZ-69 TRUCKS, AND FOUR UNIDENTIFIED CANVAS-COVERED VEHICLES LOCATED AT THE FACILITY. THE FACILITIES CONSIST OF 30 BARRACKS, TWO QUARTERS, ONE VEHICLE SHED, AND NUMEROUS SMALL SUPPORT BUILDINGS. FOUR LARGE ROAD-SERVED TUNNEL ENTRANCES ARE LOCATED ON THE HILLSIDE NORTHEAST OF THE BARRACKS AREA.

5. REMARKS:

THE EQUIPMENT WAS PRESENT ON SMALL-SCALE PHOTOGRAPHY

[REDACTED]

HOWEVER, DUE TO THE

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SCALE IT WAS NOT POSSIBLE TO IDENTIFY IT AT THAT TIME.

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ENLARGEMENT--BASE 15X, INSET 30X

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