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2			
3			
4			
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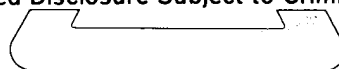
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DISSEMINATION CONTROL ABBREVIATIONS

NOFORN-	Not Releasable to Foreign Nationals
NOCONTRACT-	Not Releasable to Contractors or Contractor/Consultants
PROPIN-	Caution-Proprietary Information Involved
USIBONLY-	USIB Departments Only
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Page 1 of 2

Attachment to Z-15239/82

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NPIC/IEG (6/82)

10 JUNE 1982

AERODYNAMIC VEHICLE ACTIVITY
KAPUSTIN YAR CRUISE TEST COMPLEX D SITE 1, USSR

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- 1. (S/D) SIGNIFICANCE: ACTIVITY INVOLVING TWO AERODYNAMIC VEHICLE (ADV) SYSTEMS CURRENTLY UNDER DEVELOPMENT WAS OBSERVED.
- 2. (S/D) REMARKS: ADV-4 CONFIGURATION CONFIRMED.

(S/D) AN ADV-4 WAS ON A DOLLY ON THE LOOP ROAD NORTH OF LAUNCH PAD D-3. THE ADV-4 IS A SMALL GROUND-LAUNCHED AERODYNAMIC VEHICLE WHICH HAS BEEN UNDERGOING TESTING AT KAPUSTIN YAR SINCE 1978. THE FUSELAGE OF THE ADV-4 IS 3.0 METERS LONG

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THE LEADING EDGE OF THE MID-MOUNTED MAIN WING THE WING HAS A SLIGHTLY TAPERED LEADING EDGE, A STRAIGHT TRAILING EDGE, METERS,

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THE HORIZONTAL STABILIZER ALSO APPEARED TO HAVE A TAPERED LEADING EDGE AND A SPAN THE CONFIGURATION OF THE VERTICAL STABILIZER AND ENGINE WAS NOT DISCERNIBLE. AN ADV-4 TRANSPORTER-ERECTOR-LAUNCHER (TEL) WAS ALSO ON THE LOOP ROAD, APPROXIMATELY 20 METERS WEST OF THE ADV-4. A SECOND ADV-4 TEL WAS IN THE OPERATIONS AREA OF SITE 1.

(S/D) THE ROLE OF THE ADV-4 IS STILL UNKNOWN. THE SIZE OF THE ADV-4 AND ITS ASSOCIATION WITH A TRACKED TEL MAY INDICATE THAT THIS VEHICLE WILL BE USED AS A HIGHLY MOBILE, SHORT-RANGE BATTLEFIELD RECONNAISSANCE DRONE.

INCREASED ADV-2 ACTIVITY

(S/D) TWO ADV-2, FOUR ADV-2 LAUNCHERS, AN ADV-2 TRANSPORTER, AND A PROBABLE ADV-2 SOLID ROCKET MOTOR BOOSTER WERE OBSERVED AT SITE 3. THE TWO ORIGINAL LAUNCHERS WERE IN FIRING POSITION ON PAD D-3. THE OTHER TWO LAUNCHERS, WHICH WERE PARKED IMMEDIATELY NORTH OF PAD D-3, WERE OF THE NEW 11.4-METER CONFIGURATION. ONE WAS OCCUPIED BY A FULLY ASSEMBLED ADV-2C. THE OTHER WAS ATTACHED TO A KRAZ 214 PRIME MOVER, CONFIRMING THAT THESE LAUNCHERS ARE TOWED AND NOT

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Page 2 of 2

Attachment to Z-15239/82

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SELF-PROPELLED. THE FIRST OF THESE NEW LAUNCHERS HAS BEEN PRESENT [REDACTED]; THE SECOND WAS FIRST OBSERVED ON [REDACTED] A PARTIALLY ASSEMBLED ADV-2 AIRFRAME WAS ALSO ON PAD D-3 AND A PROBABLE ADV-2 SOLID ROCKET MOTOR BOOSTER WAS ADJACENT TO A TRUCK-MOUNTED CRANE. THE PROBABLE BOOSTER [REDACTED]

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[REDACTED] A SOLID ROCKET MOTOR BOOSTER IS PROBABLY USED TO ASSIST IN LAUNCHING THE TURBOJET/TURBOFAN-POWERED ADV-2, A FEATURE PREVIOUSLY OBSERVED ON THE SOVIET DR-1 GROUND-LAUNCHED TARGET DRONE.

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(S/D) THE ADV-2 IS A GROUND-LAUNCHED CRUISE VEHICLE ON WHICH TESTING BEGAN AT KAPUSTIN YAR IN 1975. SINCE THE IDENTIFICATION OF THE FIRST [REDACTED] LAUNCHER, THE LEVEL OF ADV-2 ASSOCIATED ACTIVITY HAS INCREASED, PROBABLY INDICATING THAT A NEW TEST PHASE OF THE ADV-2 IS UNDERWAY. THE ACTUAL ROLE OF THE ADV-2 STILL REMAINS UNKNOWN. [REDACTED]

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3. (S)

[REDACTED] COORDINATES 48-28-21N 046-19-11E

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