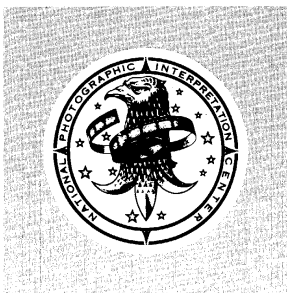


Approved For Release 2003/05/15 : CIA-RDP78B04560A007400010035-6

Secret

25X1



NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

PHOTOGRAPHIC
EXPLOITATION
PRODUCTS

ANNUAL INDEX TO PHOTOGRAPHIC EXPLOITATION PRODUCTS JANUARY - DECEMBER 1974

Declass Review by NIMA/DOD

Secret

NPIC/R-25/74
APRIL 1975

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ANNUAL RECORD

Approved For Release 2003/05/15 : CIA-RDP78B04560A007400010035-6

NATIONAL SECURITY INFORMATION
Unauthorized Disclosure Subject to Criminal Sanctions

| |
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| Classified by 009907 Exempt from General Declassification Schedule of E.O. 11652, exemption category: 5B(2) Automatically declassified on: <i>date impossible to determine</i> |
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PHOTOGRAPHIC EXPLOITATION PRODUCTS

**ANNUAL INDEX TO
PHOTOGRAPHIC EXPLOITATION PRODUCTS
JANUARY - DECEMBER 1974**

APRIL 1975

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

Approved For Release 2003/05/15 : CIA-RDP78B04560A007400010035-6

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INTRODUCTION

25X1C The Index to Photographic Exploitation Products is a guide to the contents of reports and memoranda produced by means of photographic interpretation. These are added to the Exploitation Products Data File (EPF) of the National Base of Image-Derived Information (NBIDI) when received by the National Photographic Interpretation Center (NPIC). The index includes imagery interpretation reports produced by various components of the Army, Navy, Air Force, Central Intelligence Agency, Defense Intelligence Agency, [REDACTED] as well as those produced by NPIC. At the request of the intelligence community, this publication is compiled and published quarterly then cumulated annually by NPIC for the use of properly cleared components of USIB member organizations.

Listed documents are on file in NPIC, and microfiche copies are available to requesters when parent organizations are unable to provide copies. Information, such as bibliographies on specific subjects, is available from the EPF to answer requests which cannot be satisfied from the PEP.

Requests for regular distribution of the PEP, for additional information from the EPF, or for microfiche copies of documents should be channeled through appropriate liaison offices located in NPIC. Organizations which do not have a liaison office in NPIC should submit the request in writing to: NPIC/PSG/RSD/IB.

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GUIDE TO USERS

The PEP consists of six indexes:

- Subject in alphabetic sequence.
- Originator in report type/number sequence.
- General category with subject in alphabetic sequence.
- Geographic coordinate sequence. (Geographic coordinates are listed where a single area is involved.)

- WAC/BE number sequence.
- Accession number sequence.

The accession number sequence may be referred to for complete information on each document, including edited abstracts. Selected information is contained in the other sequences. The accession number should be used when requesting microfiche copies of documents.

TYPICAL ACCESSION CITATION

25X1A AF REPT 15-72 14 AUG 72 SEC CLASS: 07 MSN [] 3P ACCN: S059381
25X1A BYDGOSZCZ AIRFIELD HANGARETTES U/C COVER NEW PL 5305 [] N 01758 []
WAC NO : 0169 BE/OBJ NO [] NPIC NO : - 20-A
IDHS CODE [] EPF CAT : 05A COMIREX NO []

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COMMENTS AND QUERIES REGARDING THIS REPORT ARE WELCOMED.
THEY MAY BE DIRECTED TO [] OF PSG/NPIC, CODE

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ABBREVIATIONS AND NUMERIC CODES

REPORT TYPES

BIIB - Basic Imagery Interpretation Brief
 BIIR - Basic Imagery Interpretation Report
 BREF - Photographic Interpretation Brief
 DPIR - Detailed Photographic Interpretation Report
 ENDR - Engineering Drawing
 FEDR - Detailed Photographic Interpretation Report (Far East)
 FEGR - General Photographic Interpretation Report (Far East)
 FESR - Special Photographic Interpretation Report (Far East)
 IIM - Imagery Interpretation Memorandum
 INFR - Inter-office Memorandum
 IRA - Imagery Research Aid
 MCP - Mission Track
 MEMO - Memorandum
 MODL - Model Announcement
 NEDR - Detailed Photographic Interpretation Report (Near East)

NEGR - General Photographic Interpretation Report (Near East)
 NEIR - Initial Photographic Interpretation Report (Near East)
 NESR - Special Photographic Interpretation Report (Near East)
 NEWS - Technical Newsletter
 NOTE - Photographic Interpretation Note
 REPT - Photographic Interpretation Report
 SPIR - Special Photographic Intelligence Report
 SUMP - Summary
 TP - Technical Publication

SECURITY CLASSIFICATION

00 - UNCLASSIFIED
 04 - SECRET
 05 - SECRET
 07 - CONFIDENTIAL
 08 - CONFIDENTIAL

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ORIGINATOR

ACDA - ARMS CONTROL AND DISARMAMENT AGENCY

AEC - ATOMIC ENERGY COMMISSION

AF - AIR FORCE

ARMY - ARMY

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CIA - CENTRAL INTELLIGENCE AGENCY

DIA - DEFENSE INTELLIGENCE AGENCY (DEFENSE PRODUCTION CENTER)

GMAIC - GUIDED MISSILE AND ASTRONAUTICS INTELLIGENCE COMMITTEE

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JOINT - JOINT (2 or more USIB members participating)

25X1C [Redacted]

NAVY - NAVY

NPIC - NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

NSA - NATIONAL SECURITY AGENCY

NTPC - NATIONAL TECHNICAL PROCESSING CENTER

[Redacted]

SAC - SAC (544th RTS)

SAC-1 - SAC-1 (8th RTS)

SAC-2 - SAC-2 (3921 ST RTS)

SAC-C - SAC-C (15th RTS)

STL - SPACE TECHNOLOGY LABORATORY

SVIET - SOUTH VIETNAM (Translated PI Reports)

[Redacted]

USIB - UNITED STATES INTELLIGENCE BOARD

25X1C

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05 - AIR ACTIVITY

Airfields, seaplane stations, aircraft, storage, production, research, training, aerohydrodynamic vehicles, and air defense activity.

10 - GENERAL ACTIVITY

Complex studies, unidentified installations/equipment, and terrain or agriculture analyses.

13 - BIOLOGICAL/CHEMICAL WARFARE ACTIVITY

Research, production, testing, training, and storage.

15 - COMPREHENSIVE REPORTS

Mission readouts, summaries, and country or area studies.

25 - ELECTRONICS/COMMUNICATIONS ACTIVITY

Radar and radio installations/equipment, missile, air, naval related installations/equipment, production, research, testing.

30 - INDUSTRIAL ACTIVITY

Raw materials, basic processing, heavy and light industry, chemical plants, and power facilities. (For shipbuilding, see NAVAL. For nuclear power plants, see NUCLEAR.)

35 - MILITARY ACTIVITY

Ground force installations/equipment, production, testing, research, and repair.

40 - MISSILES & SPACE ACTIVITY

Sites, research, production, storage, and equipment.

55 - NUCLEAR ACTIVITY

Mining, production, research, testing, storage, and nuclear power plants.

60 - OVERLAYS/PLOTS

Mission Coverage Plots, Mission Coverage Statistics, tracks, and annotated maps.

65 - RESEARCH AND DEVELOPMENT ACTIVITY

Technical publications and miscellaneous R&D installations.

75 - NAVAL ACTIVITY

Submarine bases, naval bases and air stations, shipyards, research, and equipment.

80 - STORAGE ACTIVITY (NON-MILITARY)

POL storage, agricultural storage, and industrial storage.

85 - TRANSPORT AND PIPELINE ACTIVITY

Road and rail activity, pipelines, and canal systems.

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PART I

Listing of Reports Alphabetically

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PART II

Listing of Reports by Originator

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PART III

Listing of Reports by General Subject

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Approved For Release 2003/05/15 : CIA-RDP78B04560A007400010035-6

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PART IV

Listing of Reports by Coordinates

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PART V

Listing of Reports by WAC/BE Number

Approved For Release 2003/05/15 : CIA-RDP78B04560A007400010035-6

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PART VI

Listing of Reports by Accession Number

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SECRET

R-25-74

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| | | | | | | | |
|-------|--|---------------|---------------|----------------|------|-----|---------------|
| AF | ENDR | B3007-73 | 14 OCT 73 | SEC CLASS: 04 | MSN: | 1P | ACCN: S065092 |
| 25X1A | MISSILES, AA-1D | | | UR | | | |
| | | WAC NO : | BE/OBJ NO [] | NPIC NO : | | | |
| | | IDHS CODE: | EPF CAT : 40J | COMIREX NO: | | | |
| AF | ENDR | E1017-73 | 26 OCT 73 | SEC CLASS: 05B | MSN: | 1P | ACCN: S065093 |
| 25X1A | AIRCRAFT, MIG-25 FOXBAT | | | UR | | | |
| | | WAC NO : | BE/OBJ NO [] | NPIC NO : | | | |
| | | IDHS CODE: | EPF CAT : 05D | COMIREX NO: | | | |
| AF | ENDR | B4004-73 | 13 NOV 73 | SEC CLASS: 07 | MSN: | 1P | ACCN: S065094 |
| | MISSILES, CANISTER U/I PRELIMINARY DRWG | | | UR | | | |
| | | WAC NO : | BE/OBJ NO: | NPIC NO : | | | |
| | | IDHS CODE: | EPF CAT : 40I | COMIREX NO: | | | |
| AF | ENDR | C3009-73 | 12 OCT 73 | SEC CLASS: 07 | MSN: | 1P | ACCN: S065095 |
| 25X1A | AIRCRAFT, IL-14 CRATE CUBAN MODIFIED | | | UR | | | |
| | | WAC NO : | BE/OBJ NO [] | NPIC NO : | | | |
| | | IDHS CODE: | EPF CAT : 05D | COMIREX NO: | | | |
| AF | ENDR | A3010-73 | 06 NOV 73 | SEC CLASS: 07 | MSN: | 1P | ACCN: S065096 |
| | ELECTRONICS, ECM POD SU-7 FITTER MOUNTED | | | UR | | | |
| | | WAC NO : | BE/OBJ NO: | NPIC NO : | | | |
| | | IDHS CODE: | EPF CAT : 25H | COMIREX NO: | | | |
| AF | REPT | 17-73 | 15 OCT 73 | SEC CLASS: 04 | MSN: | 1P | ACCN: S065097 |
| 25X1A | MISSILES, AA-1C | | | UR | | | |
| | | WAC NO : | BE/OBJ NO [] | NPIC NO : | | | |
| | | IDHS CODE: | EPF CAT : 40J | COMIREX NO: | | | |
| NAVY | BIIR | RN623-5009-74 | NOV 73 | SEC CLASS: 04 | MSN: | 15P | ACCN: S065325 |
| 25X1A | SHIPS, AGSB CLASS DOBRYNYA NIKITICH | | | UR | | | |
| | | WAC NO : | BE/OBJ NO [] | NPIC NO : | | | |
| | | IDHS CODE: | EPF CAT : 75D | COMIREX NO: | | | |
| | SHIPS, AGBL CLASS DOBRYNYA NIKITICH | | | UR | | | |

71
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R-25-74

25X1

25X1A

WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF SOVIET DOBRYNYA NIKITICH CLASS UNITS DESIGNATED AGBL (SMALL ICEBREAKER) OR AGSB (ARCTIC SURVEY SHIP). IT INCLUDES BASIC DIMENSIONAL CHARACTERISTICS, ANNOTATED PHOTOGRAPHS OF EQUIPMENT, RECOGNITION PHOTOGRAPHS, PROVISIONAL SCALE DRAWINGS, AND REFERENCE DATA.

25X1D

THE SOVIET-BUILT DOBRYNYA NIKITICH CLASS AGBL AND AGSB IS [] LONG AND HAS AN [] [] MAXIMUM BEAM.

25X1D

25X1D

NAVY BIIR RNG23-5007-74 NOV 73 SEC CLASS: 05C MSN: 15P ACCN: S065326

ELECTRONICS, DRUM TILT FIRE CONTROL RADAR UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 25A COMIREX NO:

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF DRUM TILT FIRE CONTROL RADAR, BASED ON AVAILABLE GROUND AND AERIAL PHOTOGRAPHY. IT INCLUDES PROVISIONAL SCALE DRAWINGS, BASIC DIMENSIONAL CHARACTERISTICS, ANNOTATED PHOTOGRAPHS OF THE RADAR, AND SELECTED PHOTOGRAPHS OF 12 SHIP CLASSES WHICH ARE PRESENTLY EQUIPPED WITH DRUM TILT. ALSO DISPLAYED ARE PHOTOGRAPHS OF ASSOCIATED EQUIPMENT. THE TILTED DRUM-SHAPED DOME IS [] LONG AND [] IN DIAMETER. THE ELEVATION ANGLE OF THE TILTED DRUM IS 25 DEGREES.

25X1D

25X1D

NAVY BIIR RN623-5005-74 OCT 73 SEC CLASS: 04 MSN: 13P ACCN: S065333

NAVAL, RBU-6000 ASW ROCKET LAUNCHER UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 75H COMIREX NO:

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF THE RBU-6000 ASW ROCKET LAUNCHER, A 12-TUBE AUTOMATICALLY LOADED ANTISUBMARINE ROCKET LAUNCHER. THIS REPORT IS BASED ON GROUND AND AERIAL PHOTOGRAPHS AND INCLUDES PROVISIONAL SCALE DRAWINGS AND SELECTED PHOTOGRAPHS OF THE LAUNCHER AND THE PLATFORMS WHICH MOUNT THIS WEAPON. PROMINENT FEATURES OF THE WEAPON INCLUDE ITS 12 TUBES AND MACHINERY BOX MOUNTED ON A FRUSTUM PEDESTAL; A RECTANGULAR BASE WITH LOADING HATCH; AND FUZE SETTERS AND FIRING CONTACTS, LOCATED AT OPPOSITE ENDS OF EACH TUBE.

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72
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25X1

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R-25-74

25X1

AF BIIR RFB22-5006-74 NOV 73 SEC CLASS: 05 MSN: 12P ACCN: S065380

AIRCRAFT, IL-38 MAY
WAC NO :
IDHS CODE:
BE/OBJ NO [] UR
EPF CAT : 05D NPIC NO :
COMIREX NO:

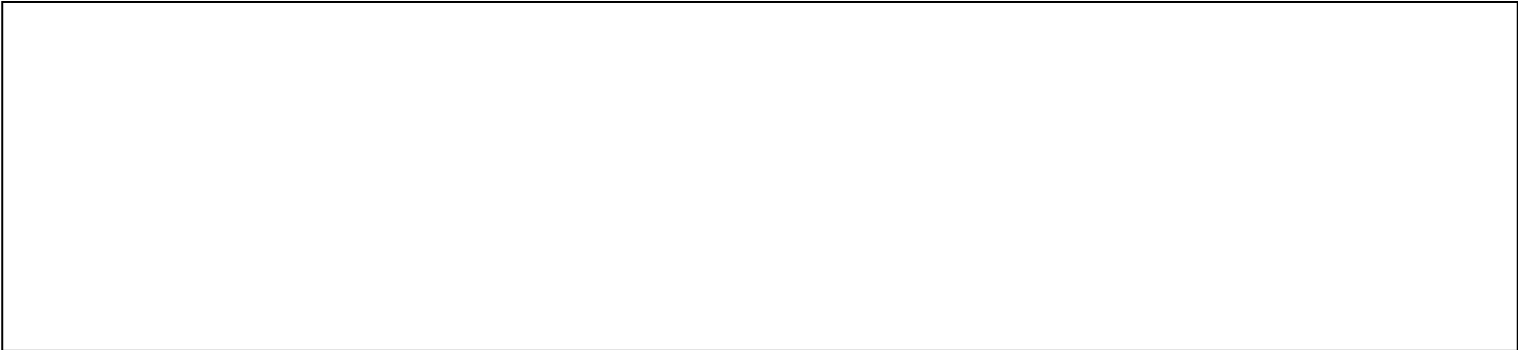
THIS REPORT PRESENTS AN ANALYSIS OF THE MAY, A STRAIGHT-WING, FOUR-ENGINE, ANTISUBMARINE WARFARE (ASW) AIRCRAFT PRODUCED BY THE ILYUSHIN SPECIAL DESIGN BUREAU. THE MAY (IL-38), DEVELOPED FROM THE ILYUSHIN IL-18 COOT CIVIL TRANSPORT, HAS A FUSELAGE LENGTH OF [] AND A WINGSPAN OF []
THIS REPORT INCLUDES A BASIC DESCRIPTION, ORTHOGRAPHIC ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY OF THE AIRCRAFT. IT SUPERSEDES FTD BIIR, RFB-22/5005/72, MAY, NOVEMBER 1971 (SECRET).

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25X1D

AF ENDR E1019-73 16 NOV 73 SEC CLASS: 07 MSN: 1P ACCN: S065394

SPACE, SOYUZ 4 + SOYUZ 5
WAC NO :
IDHS CODE:
BE/OBJ NO [] UR
EPF CAT : 40H NPIC NO :
COMIREX NO:

25X6



CIA INFR RSD555-73 29 NOV 73 SEC CLASS: 05 MSN [] 1P ACCN: S065422

MILITARY, LOGISTICS ACTIVITY
WAC NO :
IDHS CODE:
BE/OBJ NO :
EPF CAT : 35
VS
NPIC NO :
COMIREX NO:

73
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R-25-74

25X1

NAVY BIIR RN623-5006-74 DEC 73 SEC CLASS: 04 MSN: 15P ACCN: S065435

MISSILES, SA-N-4 MISSILE
WAC NO :
IDHS CODE: BE/OBJ NO [] UR
EPF CAT : 406 NPIC NO :
COMIREX NO:

THIS REPORT PROVIDES AN IMAGERY-DERIVED ANALYSIS OF THE SHIP-LAUNCHED SA-N-4 NAVAL SURFACE-TO-AIR MISSILE (SAM) SYSTEM, BASED ON GROUND AND AERIAL PHOTOGRAPHY. IT INCLUDES AN ARTIST'S CONCEPTION OF THE MISSILE, PROVISIONAL SCALE DRAWINGS OF THE LAUNCHER, SELECTED ANNOTATED PHOTOGRAPHS OF THE MISSILE SYSTEM, AND PHOTOGRAPHS OF SHIP CLASSES EQUIPPED WITH THE SA-N-4 SYSTEM AND ITS ASSOCIATED SENSORS.

THE PRIMARY FUNCTION OF THE SA-N-4 MISSILE IS TO PROVIDE SHORT-RANGE, LOW- TO MEDIUM-ALTITUDE, ANTI-AIRCRAFT POINT DEFENSE. ALTHOUGH FIRST SIGHTED ON A KRIVAK CLASS DDGSP IN THE BALTIC SEA []

THE SA-N-4 SYSTEM PROBABLY DID NOT ACHIEVE INITIAL OPERATIONAL CAPABILITY UNTIL 1971. []

THE SA-N-4 MISSILE IS ESTIMATED TO BE APPROXIMATELY [] FT.) IN DIAMETER.

THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT []

CIA INFR ESD167-73 27 DEC 73 SEC CLASS: 05 MSN: [] 4P ACCN: S065463

SANTIAGO DE CUBA PETROLEUM RFY/STORAGE EXPSN CU 200013N 0755214W

WAC NO : 0585 BE/OBJ NO [] NPIC NO :

IDHS CODE [] EPF CAT : 80A COMIREX NO:

LA HABANA PETROLEUM REFINERY/STGE REGLA EXPSN CU 230802N 0821925W

WAC NO : 0586 BE/OBJ NO [] NPIC NO :

IDHS CODE [] EPF CAT : 80A COMIREX NO:

SANTIAGO DE CUBA PETROLEUM RFY/STORAGE EXPSN CU 200013N 0755214W

WAC NO : 0585 BE/OBJ NO [] NPIC NO :

IDHS CODE [] EPF CAT : 30B COMIREX NO:

LA HABANA PETROLEUM REFINERY/STGE REGLA EXPSN CU 230802N 0821925W

WAC NO : 0586 BE/OBJ NO [] NPIC NO :

IDHS CODE [] EPF CAT : 30B COMIREX NO:

NPIC MEMO SGD030-73 26 DEC 73 SEC CLASS: 04 MSN: [] 2P ACCN: S065478

SANCTI SPIRITUS RADAR/COMMO EQUIP SEARCH CU 2156//N 07927//W

WAC NO : 0586 BE/OBJ NO: NPIC NO :

IDHS CODE: EPF CAT : 25 COMIREX NO:

25X1C

74
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R-25-74

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[Redacted]

25X6

25X1C

[Redacted]

CIA INFR MD001-74 02 JAN 73 SEC CLASS: 05 X MSN: [Redacted] 2P ACCN: S065527

INDUSTRY, SELECTED ACTIVITY

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 30 COMIREX NO:

VN

ARMY BIIR RAC24-5009-74 OCT 73 SEC CLASS: 05A MSN: 7P ACCN: S065535

ELECTRONICS, SMALL YAWN RADAR

WAC NO : BE/OBJ NO: [Redacted] NPIC NO :
IDHS CODE: EPF CAT : 25A COMIREX NO:

UR

25X1A

THIS REPORT, BASED ON OVERHEAD AND GROUND PHOTOGRAPHY, AND COLLATERAL INFORMATION, IS A DETAILED DESCRIPTION OF THE SMALL YAWN COUNTERMORTAR/COUNTERBATTERY RADAR. THE SMALL YAWN RADAR CONSISTS OF A SINGLE PARABOLIC REFLECTOR MOUNTED ON THE VAN BODY OF A MODIFIED AT-L LIGHT TRACKED ARTILLERY TRACTOR. INCLUDED IN THIS REPORT ARE A PHYSICAL AND FUNCTIONAL DESCRIPTION, ANNOTATED PHOTOGRAPHS, AND A LINE DRAWING WITH DIMENSIONS.

THE INFORMATION IN THIS REPORT IS CURRENT [Redacted]

25X1D

ARMY BIIB BAC24-5004-74 JAN 74 SEC CLASS: 05B MSN: 3P ACCN: S065536

MILITARY, SP6-9 RECOILLESS ANTITANK GUN

WAC NO : BE/OBJ NO: [Redacted] NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

UR

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THIS BRIEF, BASED ON GROUND PHOTOGRAPHY AND RELATED COLLATERAL MATERIAL, IS A DETAILED DESCRIPTION OF

75
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R-25-74

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THE SOVIET SP6-9 RECOILLESS ANTITANK GUN. INCLUDED IN THE BRIEF ARE THE FOLLOWING - AN INTRODUCTION, A BASIC DESCRIPTION, PHOTOGRAPHS, AND A DOCUMENT REFERENCE LIST. THE BRIEF IS CURRENT

25X1D

| | | | | | | | |
|------|------|--|--------------|---------------------|----------------|----|---------------|
| CIA | INFR | MD402-73 | 07 DEC 73 | SEC CLASS: 05 X MSN | [REDACTED] | 3P | ACCN: S065579 |
| | | INDUSTRY, SELECTED ACTIVITY | | | | | |
| | | WAC NO : | BE/OBJ NO: | VN | | | |
| | | IDHS CODE: | EPF CAT : 30 | NPIC NO : | | | |
| | | | | COMIREX NO: | | | |
| CIA | INFR | MD414-73 | 27 DEC 73 | SEC CLASS: 05 X MSN | [REDACTED] | 5P | ACCN: S065581 |
| | | SHIPS, MERCHANT SHIPPING ACTIVITY | | | | | |
| | | WAC NO : | BE/OBJ NO: | VN | | | |
| | | IDHS CODE: | EPF CAT : 75 | NPIC NO : | | | |
| | | | | COMIREX NO: | | | |
| CIA | INFR | MD424-73 | 03 JAN 74 | SEC CLASS: 05 | MSN [REDACTED] | 2P | ACCN: S065584 |
| | | MILITARY, LOGISTICS ACTIVITY | | | | | |
| | | WAC NO : | BE/OBJ NO: | LA | | | |
| | | IDHS CODE: | EPF CAT : 35 | NPIC NO : | | | |
| | | | | COMIREX NO: | | | |
| CIA | INFR | MD432-73 | 28 DEC 73 | SEC CLASS: 05 | MSN [REDACTED] | 3P | ACCN: S065586 |
| | | MILITARY, LOGISTICS ACTIVITY | | | | | |
| | | WAC NO : | BE/OBJ NO: | VS | | | |
| | | IDHS CODE: | EPF CAT : 35 | NPIC NO : | | | |
| | | MILITARY, LOGISTICS ACTIVITY | | | | | |
| | | WAC NO : | BE/OBJ NO: | CB | | | |
| | | IDHS CODE: | EPF CAT : 35 | NPIC NO : | | | |
| | | | | COMIREX NO: | | | |
| CIA | INFR | MD002-74 | 03 JAN 74 | SEC CLASS: 05 | MSN [REDACTED] | 1P | ACCN: S065587 |
| | | MILITARY, LOGISTICS ACTIVITY | | | | | |
| | | WAC NO : | BE/OBJ NO: | VS | | | |
| | | IDHS CODE: | EPF CAT : 35 | NPIC NO : | | | |
| | | MILITARY, LOGISTICS ACTIVITY | | | | | |
| | | WAC NO : | BE/OBJ NO: | LA | | | |
| | | IDHS CODE: | EPF CAT : 35 | NPIC NO : | | | |
| | | | | COMIREX NO: | | | |
| ARMY | BIIR | RAC24-5008-74 | OCT 73 | SEC CLASS: 05 | MSN: | 7P | ACCN: S065611 |
| | | ELECTRONICS, PAT HAND SA-4 TRKG/GUIDANCE RDR | | UR | | | |

76
SECRET

25X1

SECRET

R-25-74

25X1

25X1A

WAC NO :
IDHS CODE:

BE/OBJ NO []
EPF CAT : 25C

NPIC NO :
COMIREX NO:

THE PAT HAND IS THE TRACKING AND GUIDANCE RADAR ASSOCIATED WITH THE SA-4 (GANEF) SURFACE-TO-AIR MISSILE SYSTEM. THE ANTENNA ARRAY CONSISTS OF FOUR PARABOLIC REFLECTORS, EACH OF A DIFFERENT SIZE, ON A WISHBONE-SHAPED SUPPORT MOUNTED ON A TRACKED VEHICLE. THIS REPORT IS A DETAILED DESCRIPTION AND INCLUDES ANNOTATED PHOTOGRAPHS, DIMENSIONS, AND A PHYSICAL DESCRIPTION DERIVED FROM IMAGERY AND COLLATERAL MATERIAL.

25X2

ARMY BREF BLZ07-8013-74 OCT 73

SEC CLASS: 05 X MSN [] 3P

28X40: S065656

25X1A

TURIBONG MILITARY STORAGE NE

WAC NO : 0380
IDHS CODE []

BE/OBJ NO []
EPF CAT : 35F

KN 380600N 1264240E
NPIC NO : - 140-M1
COMIREX NO:

25X1A

ARMY BREF BLZ07-8020-74 DEC 73

SEC CLASS: 05 X MSN [] 3P

28X40: S065657

77
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25X1

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25X1

| | | | | | |
|-------|---|---------------|---------------------|--|---------------|
| 25X1A | SINGYE ARMY BARRACKS NE + HQ RKT LNCHR REGT | KN | 383210N 1263350E | | |
| 25X1A | WAC NO : 0380 | BE/OBJ NO | NPIC NO : - 48-L | | |
| | IDHS CODE | EPF CAT : 35A | COMIREX NO | | |
| ARMY | BREF BLZ07-8019-74 | DEC 73 | SEC CLASS: 05 X MSN | | 3P |
| | | | | | 25X1A |
| | | | | | 25X1D |
| | | | | | ACCN: S065658 |
| | | | | | |
| 25X1A | KAN CHON ARMY BARRACKS + TRAINING AREA | KN | 375300N 1262530E | | |
| 25X1A | WAC NO : 0380 | BE/OBJ NO | NPIC NO : - 98-E1 | | |
| | IDHS CODE | EPF CAT : 35 | COMIREX NO | | |
| ARMY | BREF BLZ07-8015-74 | NOV 73 | SEC CLASS: 05 X MSN | | 3P |
| | | | | | 25X1A |
| | | | | | 25X1D |
| | | | | | ACCN: S065659 |
| | | | | | |
| 25X1A | MASAN NI MILITARY TRAINING AREA WEST | KN | 382542N 1270954E | | |
| 25X1A | WAC NO : 0380 | BE/OBJ NO | NPIC NO : | | |
| | IDHS CODE | EPF CAT : 35B | COMIREX NO: | | |
| ARMY | BREF BLZ07-8014-74 | NOV 73 | SEC CLASS: 05 X MSN | | 3P |
| | | | | | 25X1D |
| | | | | | ACCN: S065660 |
| | | | | | |
| 25X1A | ICHON ARMY BARRACKS SE | KN | 382901N 1265507E | | |
| 25X1A | WAC NO : 0380 | BE/OBJ NO | NPIC NO : | | |
| | IDHS CODE | EPF CAT : 35A | COMIREX NO: | | |
| ARMY | BREF BLZ07-8018-74 | NOV 73 | SEC CLASS: 05 X MSN | | 3P |
| | | | | | 25X1D |
| | | | | | ACCN: S065661 |
| | | | | | |
| 25X1A | OKTONG NI ARMY BARRACKS NW | KN | 382830N 1270600E | | |
| 25X1A | WAC NO : 0380 | BE/OBJ NO | NPIC NO : - 26-F9 | | |
| | IDHS CODE | EPF CAT : 35A | COMIREX NO: | | |
| ARMY | BREF BLZ07-8017-74 | NOV 73 | SEC CLASS: 05 X MSN | | 3P |
| | | | | | 25X1D |
| | | | | | ACCN: S065662 |
| | | | | | |
| 25X1A | SANGCHONGSONG MIL BKS NORTH/HQ 13TH ARTY REGT | KN | 382435N 1280300E | | |
| 25X1A | WAC NO : 0380 | BE/OBJ NO | NPIC NO : - 79-F | | |
| | IDHS CODE | EPF CAT : 35A | COMIREX NO: | | |
| ARMY | BREF BLZ07-8016-74 | NOV 73 | SEC CLASS: 05 X MSN | | 4P |
| | | | | | 25X1D |
| | | | | | ACCN: S065663 |
| | | | | | |
| 25X1A | KWANG GOL ARMY BARRACKS + HQ INFANTRY REGT | KN | 381000N 1264157E | | |
| 25X1A | WAC NO : 0380 | BE/OBJ NO | NPIC NO : | | |
| | IDHS CODE | EPF CAT : 35A | COMIREX NO | | |
| ARMY | BREF BLZ07-8021-74 | DEC 73 | SEC CLASS: 05 X MSN | | 3P |
| | | | | | 25X1A |
| | | | | | 25X1D |
| | | | | | ACCN: S065664 |

78
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25X1

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25X1

25X1A POLLYYONGDONG MILITARY BKS + HQ MORTAR REGT KN 375946N 1264334E
 25X1A WAC NO : 0380 BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 35A COMIREX NO:

ARMY BREF BLZ07-8023-74 DEC 73 SEC CLASS: 05 X MSN [] 3P 25X1A ACCN: S065665

25X1A KOAM NI MILITARY BARRACKS AREA WEST KN 382314N 1272240E
 25X1A WAC NO : 0380 BE/OBJ NO: [] NPIC NO : - 26-P2
 IDHS CODE: [] EPF CAT : 35A COMIREX NO:

ARMY BREF BLZ07-8024-74 DEC 73 SEC CLASS: 05 X MSN [] 3P 25X1A ACCN: S065666

25X1A SAIRWON MILITARY AREA KN 382600N 1274015E
 25X1A WAC NO : 0380 BE/OBJ NO: [] NPIC NO : - 84-G4
 IDHS CODE: [] EPF CAT : 35A COMIREX NO: [] 25X1A

ARMY BREF BLZ07-8022-74 DEC 73 SEC CLASS: 05 X MSN [] 3P 25X1A ACCN: S065667

25X1A OKTONG NI MILITARY AREA EAST KN 382720N 1270950E
 25X1A WAC NO : 0380 BE/OBJ NO: [] NPIC NO :
 IDHS CODE: [] EPF CAT : 35A COMIREX NO:

NAVY BREF 7005-74 10 JAN 74 SEC CLASS: 05 MSN: 3P ACCN: S065679

25X1A AIRCRAFT, TU-95 BEAR F ASW MODIFIED UR
 WAC NO : BE/OBJ NO: [] NPIC NO :
 IDHS CODE: EPF CAT : 05D COMIREX NO:

CIA INFR MD019-74 17 JAN 74 SEC CLASS: 05 X MSN [] 4P 25X1A ACCN: S065681

SHIPS, MERCHANT SHIPPING ACTIVITY VN
 WAC NO : BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 75 COMIREX NO:

ARMY BIIR RAC24-5005-74 JAN 74 SEC CLASS: 05A MSN: 9P ACCN: S065713

25X1A MISSILES, BRDM-2A SAM LAUNCHER UR
 WAC NO : BE/OBJ NO: [] NPIC NO :
 IDHS CODE: EPF CAT : 40C COMIREX NO:

THIS REPORT, BASED ON GROUND PHOTOGRAPHY, LOW-LEVEL AERIAL PHOTOGRAPHY, AND COLLATERAL REPORTS,

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25X1

DESCRIBES THE BRDM-2 MODIFIED, A PROBABLE SURFACE-TO-AIR MISSILE LAUNCHER MOUNTED ON A MODIFIED BRDM-2 CHASSIS. THE REPORT CONTAINS ANNOTATED PHOTOGRAPHY, LINE DRAWINGS, DIMENSIONS AND A BASIC DESCRIPTION. THE INFORMATION IS CURRENT

25X1D

ARMY BREF BLZ07-8025-74 JAN 74 SEC CLASS: 05 X MSN [REDACTED] 4P

25X1D ACCN: S065752

25X1A KUMSONG ARMY BARRACKS + HQ ARTILLERY REGT SE KN 382246N 1273939E
25X1A WAC NO : 0380 BE/OBJ NO [REDACTED] NPIC NO : - 84-I1
IDHS CODE [REDACTED] EPF CAT : 35A COMIREX NO [REDACTED]

25X1A

ARMY BREF BLZ07-8026-74 JAN 74 SEC CLASS: 05 X MSN [REDACTED] 3P

25X1D ACCN: S065753

25X1A TAEJON NI ARMY BARRACKS + HQ ARTILLERY REGT KN 382111N 1265822E
25X1A WAC NO : 0380 BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE [REDACTED] EPF CAT : 35A COMIREX NO:

ARMY BREF BLZ07-8027-74 JAN 74 SEC CLASS: 05 X MSN [REDACTED] 4P

25X1D ACCN: S065754

25X1A KWANG GOL ARMY BARRACKS + HQ INFANTRY REGT KN 380939N 1264250E
25X1A WAC NO : 0380 BE/OBJ NO [REDACTED] NPIC NO : - 65-I
IDHS CODE [REDACTED] EPF CAT : 35A COMIREX NO [REDACTED]

25X1A

ARMY BREF BLZ07-8028-74 JAN 74 SEC CLASS: 05 X MSN [REDACTED] 4P

25X1D ACCN: S065755

25X1A CHANGDO RI ARMY BARRACKS NW 2 KN 383110N 1273810E
25X1A WAC NO : 0380 BE/OBJ NO [REDACTED] NPIC NO : - 109-C1
IDHS CODE [REDACTED] EPF CAT : 35A COMIREX NO:

25X1

25X1C

80
SECRET

25X1

Approved For Release 2003/05/15 : CIA-RDP78B04560A007400010035-6

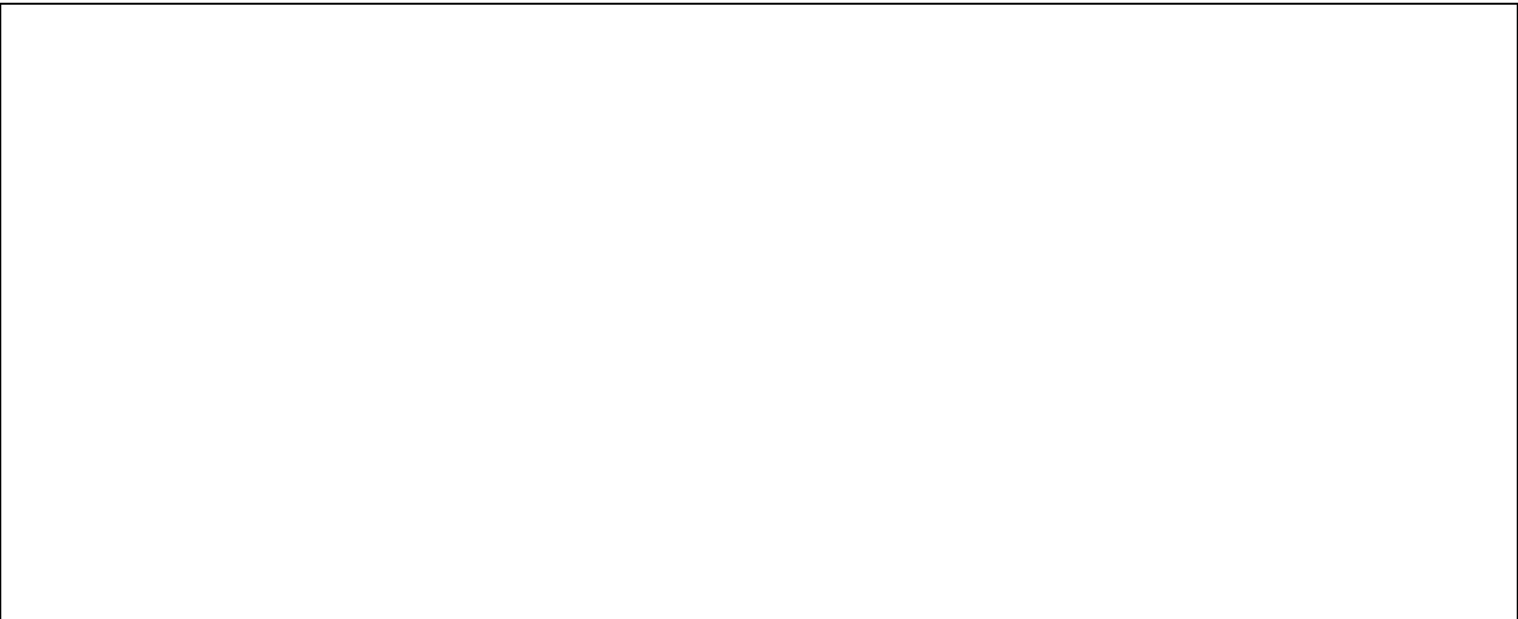
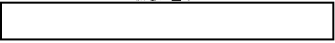
25X1C

Approved For Release 2003/05/15 : CIA-RDP78B04560A007400010035-6

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R-25-74

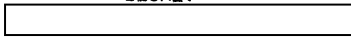
25X1



25X1C

| | | | | | | | | |
|-----|------|--|---------------|---------------|-----|--|----|------------------|
| CIA | INFR | MD050-74 | 23 JAN 74 | SEC CLASS: 05 | MSN | | 1P | 25X1DCN: S065772 |
| | | MILITARY, CHINESE 15TH AAA DIVISION SEARCH | | LA | | | | |
| | | WAC NO : | BE/OBJ NO: | NPIC NO : | | | | |
| | | IDHS CODE: | EPF CAT : 35D | COMIREX NO: | | | | |
| CIA | INFR | MD051-74 | 22 JAN 74 | SEC CLASS: 05 | MSN | | 3P | 25X1DCN: S065773 |
| | | MILITARY, LOGISTICS ACTIVITY | | VS | | | | |
| | | WAC NO : | BE/OBJ NO: | NPIC NO : | | | | |
| | | IDHS CODE: | EPF CAT : 35 | COMIREX NO: | | | | |

82
SECRET



25X1

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25X1

MILITARY, LOGISTICS ACTIVITY

WAC NO : BE/OBJ NO: EPF CAT : 35

CB NPIC NO : COMIREX NO:

MILITARY, LOGISTICS ACTIVITY

WAC NO : BE/OBJ NO: EPF CAT : 35

LA NPIC NO : COMIREX NO:

CIA INFR MD053-74 24 JAN 74

SEC CLASS: 05 MSN [] 3P

25X1A ACCN: S065778

MILITARY, LOGISTICS ACTIVITY

WAC NO : BE/OBJ NO: EPF CAT : 35

CB NPIC NO : COMIREX NO:

MILITARY, LOGISTICS ACTIVITY

WAC NO : BE/OBJ NO: EPF CAT : 35

LA NPIC NO : COMIREX NO:

MILITARY, LOGISTICS ACTIVITY

WAC NO : BE/OBJ NO: EPF CAT : 35

VS NPIC NO : COMIREX NO:

NAVY BIIR RN623-5013-74 JAN 74

SEC CLASS: 04 MSN: 13P

ACCN: S065816

ELECTRONICS, EYE BOWL RDR DDGSP CL KRIVAK MTD

WAC NO : BE/OBJ NO: EPF CAT : 25I

UR NPIC NO : COMIREX NO:

25X1A

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF EYE BOWL MISSILE GUIDANCE RADAR, BASED ON AVAILABLE GROUND AND AERIAL PHOTOGRAPHY. IT INCLUDES PROVISIONAL SCALE DRAWINGS, SELECTED RECOGNITION PHOTOGRAPHS OF EYE BOWL, AND PHOTOGRAPHS OF THE KRIVAK CLASS DDGSP THE ONLY SOVIET NAVAL SHIP CURRENTLY FITTED WITH EYE BOWL RADAR. THE ROUND, SOLID PARABOLIC REFLECTOR IS [] IN DIAMETER, OVERALL LENGTH IS [] OVERALL WIDTH IS [] AND HEIGHT OF THE COLUMNAR SUPPORT IS []

25X1D

25X1D

25X1D

25X1D

25X1C

83 SECRET

25X1

SECRET

R-25-74

25X1

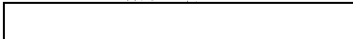


25X10



| | | | | | | | |
|----|------|-------------------------------------|---------------|---------------|------|----|---------------|
| AF | ENDR | E3011-73 | 30 NOV 73 | SEC CLASS: 07 | MSN: | 1P | ACCN: S065833 |
| | | AIRCRAFT, NK-144 ENGINE AFTERBURNER | | UR | | | |
| | | WAC NO : | BE/OBJ NO: | NPIC NO : | | | |
| | | IDHS CODE: | EPF CAT : 05D | COMIREX NO: | | | |
| AF | ENDR | E1001-74 | 09 JAN 74 | SEC CLASS: 04 | MSN: | 1P | ACCN: S065849 |
| | | AIRCRAFT, AN-12 CUB PODS ELONGATED | | UR | | | |

84
SECRET



25X1

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R-25-74

25X1

25X1A

WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

CIA INFR MD068-74 29 JAN 74 SEC CLASS: 08K MSN [] 3P

25X1D ACN: S065869

MILITARY, LOGISTICS ACTIVITY VN
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:

CIA INFR MD075-74 30 JAN 74 SEC CLASS: 05 MSN [] 2P

25X1D ACN: S065870

MILITARY, LOGISTICS ACTIVITY LA
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:

MILITARY, LOGISTICS ACTIVITY VS
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:

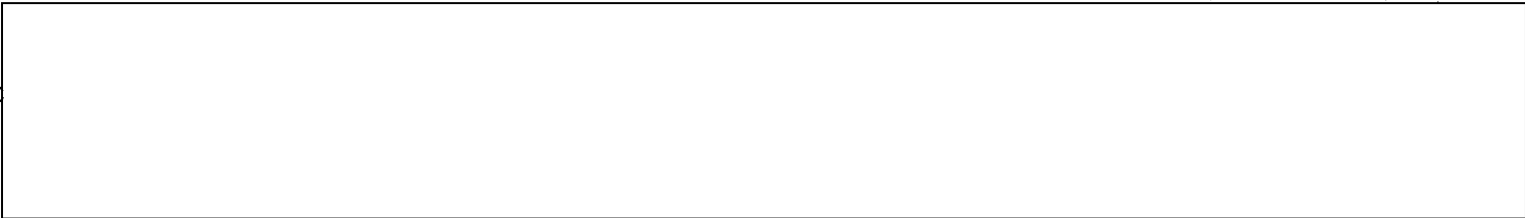
MILITARY, LOGISTICS ACTIVITY CB
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:

CIA INFR MD064-74 29 JAN 74 SEC CLASS: 05 X MSN [] 3P

25X1D ACN: S065871

INDUSTRY, ACTIVITY STATUS VN
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 30 COMIREX NO:

25X1C



DIA IIM 8C-4556-74 27 FEB 74 SEC CLASS: 04 MSN [] 2P

25X1D ACN: S065904

SANTIAGO DE CUBA RAILROAD YARD + SHOPS CU 200139N 0755017W
WAC NO : 0585 BE/OBJ NO [] NPIC NO :

25X1A

85
SECRET

25X1

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25X1

25X1A IDHS CODE [] EPF CAT : 85B COMIREX NO:
DIA IIM 8C-4557-74 27 FEB 74 SEC CLASS: 04 MSN [] 3P ACCN: S065905

25X1A SANTIAGO DE CUBA RAILROAD YARD + STATION CU 200134N 0755006W
WAC NO : 0585 BE/OBJ NO [] NPIC NO :
25X1A IDHS CODE [] EPF CAT : 85B COMIREX NO:
DIA IIM 8C-4546-74 01 MAR 74 SEC CLASS: 05 X MSN [] 3P ACCN: S065924

25X1A CONTRAMAESTRE RAILROAD BRIDGE CU 201755N 0761424W
WAC NO : 0585 BE/OBJ NO [] NPIC NO :
25X1A IDHS CODE [] EPF CAT : 85B COMIREX NO:
DIA IIM 8C-4552-74 28 FEB 74 SEC CLASS: 05 MSN [] 3P ACCN: S065925

25X1A PALMARITO RAILROAD BRIDGE SOUTH CU 201701N 0755422W
WAC NO : 0585 BE/OBJ NO [] NPIC NO :
25X1A IDHS CODE [] EPF CAT : 85B COMIREX NO:
CIA INFR MD092-74 06 FEB 74 SEC CLASS: 05 X MSN [] 4P ACCN: S065928

MILITARY, LOGISTICS ACTIVITY VN
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:

AF BIIR RFB22-5003-74 SEP 73 SEC CLASS: 04 MSN: 10P ACCN: S065988

25X1A AIRCRAFT, TU-16 BADGER K UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE BADGER K, A SWEEPWING, TWIN-JET ELINT RECONNAISSANCE VARIANT OF THE TUPOLEV-DESIGNED BADGER A (TU-16) BOMBER. AS A DERIVATIVE OF THE BADGER A, THE BADGER K RETAINS THE BASIC AIRFRAME PARAMETERS OF THE A MODEL. IT IS THE INTENT OF THIS REPORT TO DESCRIBE ONLY THOSE FEATURES WHICH CHARACTERIZE THE BADGER K. FOR A DETAILED PRESENTATION OF THE BASIC BADGER A AIRFRAME, SEE FTD BIIR, RFB-22/5017/72, BADGER A, APRIL 1972 (SECRET).

AF BIIR RFB22-5004-74 SEP 73 SEC CLASS: 04 MSN: 16P ACCN: S065989

25X1A SPACE, SALYUT 1 SPACE STATION UR
WAC NO : BE/OBJ NO [] NPIC NO :

SECRET

25X1

SECRET

R-25-74

25X1

IDHS CODE: EPF CAT : 40H COMIREX NO:

AF BIIR RFB22-5005-74 NOV 73 SEC CLASS: 05 MSN: 18P ACCN: S065990

25X1A AIRCRAFT, AN-12 CUB A UR
 WAC NO : BE/OBJ NO [] NPIC NO :
 IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1A AIRCRAFT, AN-12 CUB B UR
 WAC NO : BE/OBJ NO [] NPIC NO :
 IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1A AIRCRAFT, AN-12 CUB C UR
 WAC NO : BE/OBJ NO [] NPIC NO :
 IDHS CODE: EPF CAT : 05D COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE CUB A, CUB B, AND CUB C, EACH A DERIVATIVE OF THE ANTONOV-DESIGNED CUB (AN-12) ASSAULT TRANSPORT AIRCRAFT. THE REPORT INCLUDES A BASIC DESCRIPTION AND REPRESENTATIVE PHOTOGRAPHY OF EACH AIRCRAFT, PLUS ORTHOGRAPHIC ENGINEERING DRAWINGS OF THE CUB C.

THE CUB A AND CUB B DIFFER FROM THE BASIC CUB (AN-12) ONLY IN THEIR VARIOUS ELECTRONIC-ASSOCIATED INSTALLATIONS. EACH AIRCRAFT RETAINS THE BASIC AIRFRAME PARAMETERS OF ITS PREDECESSOR AND HAS A FUSELAGE LENGTH OF [] AND A WINGSPAN OF []. THE CUB C EXHIBITS MORE EXTENSIVE MODIFICATIONS WHICH INCLUDE A TAIL EXTENSION INSTALLATION THAT INCREASES THE FUSELAGE LENGTH TO []. CUB C RETAINS THE TYPICAL WINGSPAN OF [].

25X1D 25X1D 25X1D 25X1D

AF BIIR RFB22-5007-74 DEC 73 SEC CLASS: 04 MSN: 20P ACCN: S065991

25X1A SPACE, MARS 3 SPACECRAFT UR
 WAC NO : BE/OBJ NO [] NPIC NO :
 IDHS CODE: EPF CAT : 40H COMIREX NO:

THIS REPORT PRESENTS A PHOTOGRAPHIC ANALYSIS OF THE MARS 3 SPACECRAFT. IT INCLUDES A BASIC DESCRIPTION, MENSURAL AND CONFIGURAL ANALYSIS, ENGINEERING DRAWINGS AND SELECTED PHOTOGRAPHY.

THE MARS 3 SPACECRAFT IS GENERALLY CYLINDRICAL IN SHAPE WITH A MAXIMUM DIAMETER OF [] AND A LENGTH OF []. A PAIR OF SOLAR PANELS DEPLOY Laterally ON EITHER SIDE OF A LARGE PARABOLIC DISH ANTENNA CREATING AN IN-FLIGHT WINGED CONFIGURATION HAVING A LENGTH OF [] AND A SPAN OF []. THIS REPRESENTS THE LARGEST INTERPLANETARY SPACECRAFT FLOWN BY THE SOVIET UNION TO DATE.

25X1D 25X1D 25X1D 25X1D

87
SECRET

25X1

SECRET

R-25-74

25X1

25X6



AF BIIR RFB22-5001-74 AUG 73 SEC CLASS: 05 MSN: 8P ACCN: S066005

25X1A

AIRCRAFT, TU-16 BADGER H UR
WAC NO : BE/OBJ NO [redacted] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE BADGER H, A SWEEPWING, TWIN-JET ECM VARIANT OF THE TUPOLEV-DESIGNED BADGER A (TU-16) BOMBER. AS A DERIVATIVE OF THE BADGER A, THE BADGER H RETAINS THE BASIC AIRFRAME PARAMETERS OF THE A MODEL. IT IS THE PURPOSE OF THIS REPORT TO DESCRIBE ONLY THOSE AREAS CHARACTERIZING THE BADGER H. FOR A DETAILED PRESENTATION OF THE BASIC BADGER A AIRFRAME, REFER TO FTD BIIR, RFB-22/5017/72, BADGER A, APRIL 1972 (SECRET).

IN ADDITION TO THE BASIC DESCRIPTION, THIS REPORT INCLUDES AN ORTHOGRAPHIC ENGINEERING DRAWING AND REPRESENTATIVE PHOTOGRAPHY.

AF BIIR RFB22-5002-74 AUG 73 SEC CLASS: 05 MSN: 7P ACCN: S066006

25X1A

AIRCRAFT, TU-16 BADGER J UR
WAC NO : BE/OBJ NO [redacted] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE BADGER J, A SWEEPWING, TWIN-JET ECM VARIANT OF THE TUPOLEV-DESIGNED BADGER A (TU-16) BOMBER. AS A DERIVATIVE OF THE BADGER A, THE BADGER J RETAINS THE BASIC AIRFRAME PARAMETERS OF THE A MODEL. IT IS THE PURPOSE OF THIS REPORT TO DESCRIBE ONLY THOSE AREAS WHICH CHARACTERIZE THE BADGER J. FOR A DETAILED PRESENTATION OF THE BASIC BADGER A AIRFRAME, REFER TO FTD BIIR, RFB-22/5017/72, BADGER A, APRIL 1972 (SECRET).

IN ADDITION TO THE AFOREMENTIONED DESCRIPTION, THIS REPORT INCLUDES AN ORTHOGRAPHIC ENGINEERING DRAWING AND REPRESENTATIVE PHOTOGRAPHY.

NAVY BIIR RNG23-5011-74 JAN 74 SEC CLASS: 04 MSN: 21P ACCN: S066016

SHIPS, AS CLASS UGRA UR

88
SECRET

25X1

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R-25-74

25X1

25X1A WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF THE UGRA CLASS SUBMARINE TENDER (AS) AND IS BASED ON HIGH-RESOLUTION AIR AND GROUND PHOTOGRAPHY. IT INCLUDES BASIC DIMENSIONAL CHARACTERISTICS, ARMAMENT AND ELECTRONICS INVENTORIES, RECOGNITION PHOTOGRAPHS, ANNOTATED PHOTOGRAPHS OF SHIPS EQUIPMENT, AND PROVISIONAL SCALE DRAWINGS. THE GRA CLASS AS IS [] LONG AND HAS A [] BEAM.

25X1D
25X1D

TEN UGRA UNITS HAVE BEEN CONSTRUCTED TO DATE. THE SIXTH UNIT WAS BUILT FOR INDIA AND IS EQUIPPED WITH SOMEWHAT LESS OPHISTICATED ARMAMENT AND ELECTRONICS THAN THE SOVIET VERSIONS.

25X1D THIS PUBLICATION SUPERSEDES BASIC IMAGERY INTERPRETATION REPORT (BIIR) RNG-23/5009/70, DATED MARCH 1970. THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT []

ARMY BREF BLZ07-8030-74 JAN 74 SEC CLASS: 05 X MSN [] 3P 25X1D ACN: S066019

25X1A KAESONG ARMY BARRACKS + HQ INFANTRY REGIMENT KN 375812N 1263200E

25X1A WAC NO : 0380 BE/OBJ NO [] NPIC NO : - 35-L1
IDHS CODE [] EPF CAT : 35A COMIREX NO:

ARMY BREF BLZ07-8031-74 JAN 74 SEC CLASS: 05 X MSN [] 3P 25X1D ACN: S066020

25X1A SAMPO MILITARY TRAINING FACILITY NE KN 383112N 1272120E

25X1A WAC NO : 0380 BE/OBJ NO [] NPIC NO : - 26-H1
IDHS CODE [] EPF CAT : 35B COMIREX NO:

ARMY BREF BLZ07-8032-74 JAN 74 SEC CLASS: 05 X MSN [] 3P 25X1D ACN: S066021

25X1A KAESONG TANK TRAINING AREA 101 KN 380032N 1262948E

25X1A WAC NO : 0380 BE/OBJ NO [] NPIC NO : - 149-A
IDHS CODE [] EPF CAT : 35B COMIREX NO [] 25X1A

25X1C

AF ENDR E1014-73 29 JAN 74 SEC CLASS: 07 MSN: 1P ACCN: S066023

25X1A AIRCRAFT, MIG-23 FLOGGER C UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

89
SECRET

25X1

SECRET

R-25-74

25X1

AF ENDR D3002-74 11 JAN 74 SEC CLASS: 07 MSN: 1P ACCN: S066025

SPACE, MOLNIYA 1 PROPULSION PACKAGE UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40H COMIREX NO:



ARMY BIIR RAC24-5010-74 DEC 73 SEC CLASS: 05B MSN: 7P ACCN: S066088

ELECTRONICS, STRAIGHT FLUSH SA-6 TRACKING RDR UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25C COMIREX NO:

THE STRAIGHT FLUSH RADAR, ASSOCIATED WITH THE SOVIET SA-6 (GAINFUL) SURFACE-TO-AIR MISSILE SYSTEM IS MOUNTED ON A TRACKED VEHICLE. IT HAS A DUAL ANTENNA ASSEMBLY WHICH APPARENTLY PERFORMS BOTH THE ACQUISITION AND TRACKING/GUIDANCE FUNCTIONS. THIS REPORT IS A DETAILED DESCRIPTION AND INCLUDES ANNOTATED PHOTOGRAPHS, DIMENSIONS, AND A PHYSICAL DESCRIPTION DERIVED FROM GROUND PHOTOGRAPHY AND COLLATERAL MATERIAL. THE INFORMATION IN THIS REPORT IS CURRENT

DIA IIM 8C-4547-74 22 FEB 74 SEC CLASS: 05 X MSN: 3P ACCN: S066095

SAN PEDRO DE CACOCUM RAILROAD BRIDGE RIO MATA CU 204445N 0762220W
WAC NO : 0585 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 85B COMIREX NO:

DIA IIM 8C-4549-74 22 FEB 74 SEC CLASS: 05 X MSN: 3P ACCN: S066096

CHAMBAS RAILROAD BRIDGE RIO LOS PERROS CU 221120N 0785439W
WAC NO : 0586 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 85B COMIREX NO:

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25X1

DIA IIM 8C-4551-74 25 FEB 74 SEC CLASS: 05 MSN [] 3P ACCN: S066098

ZAZA DEL MEDIO RAILROAD BRIDGE RIO ZAZA CU 215941N 0792226W
WAC NO : 0586 BE/OBJ NO: [] NPIC NO :
IDHS CODE [] EPF CAT : 85B COMIREX NO:

25X1A
25X1A

DIA IIM 8C-4553-74 25 FEB 74 SEC CLASS: 05 MSN [] 3P ACCN: S066099

EL CRISTO RAILROAD BRIDGE NORTH CU 200729N 0754522W
WAC NO : 0585 BE/OBJ NO: [] NPIC NO :
IDHS CODE [] EPF CAT : 85B COMIREX NO:

25X1A
25X1A

NPIC TP 7-74 FEB 74 SEC CLASS: 07 MSN: 7P ACCN: S066108

PHOTO, ZOOM 240 SYSTEM TEST + EVALUATION
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 65 COMIREX NO:

DIA IIM 8C-4565-74 08 MAR 74 SEC CLASS: 05 X MSN [] 14P ACCN: S066118

NICARO NICKLE COMPLEX CU 2042//N 07533//W
WAC NO : 0585 BE/OBJ NO: [] NPIC NO :
IDHS CODE [] EPF CAT : 30B COMIREX NO:
MOA NICKLE COMPLEX CU 2038//N 07456//W
WAC NO : 0585 BE/OBJ NO: [] NPIC NO :
IDHS CODE [] EPF CAT : 30B COMIREX NO:
INDUSTRY, NICKLE ORE EXTRACTION + PLANTS CU
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 30 COMIREX NO:

25X1A
25X1A
25X1A
25X1A

NPIC MCP 20-73 JUL 73 SEC CLASS: 05C MSN [] 5P ACCN: S066189

MCP C302C CH
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 60B COMIREX NO:

AF ENDR E1003-74 06 FEB 74 SEC CLASS: 04 MSN: 1P ACCN: S066216

AIRCRAFT, MIG-21 FISHBED L UR
WAC NO : BE/OBJ NO: [] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1A

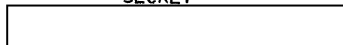
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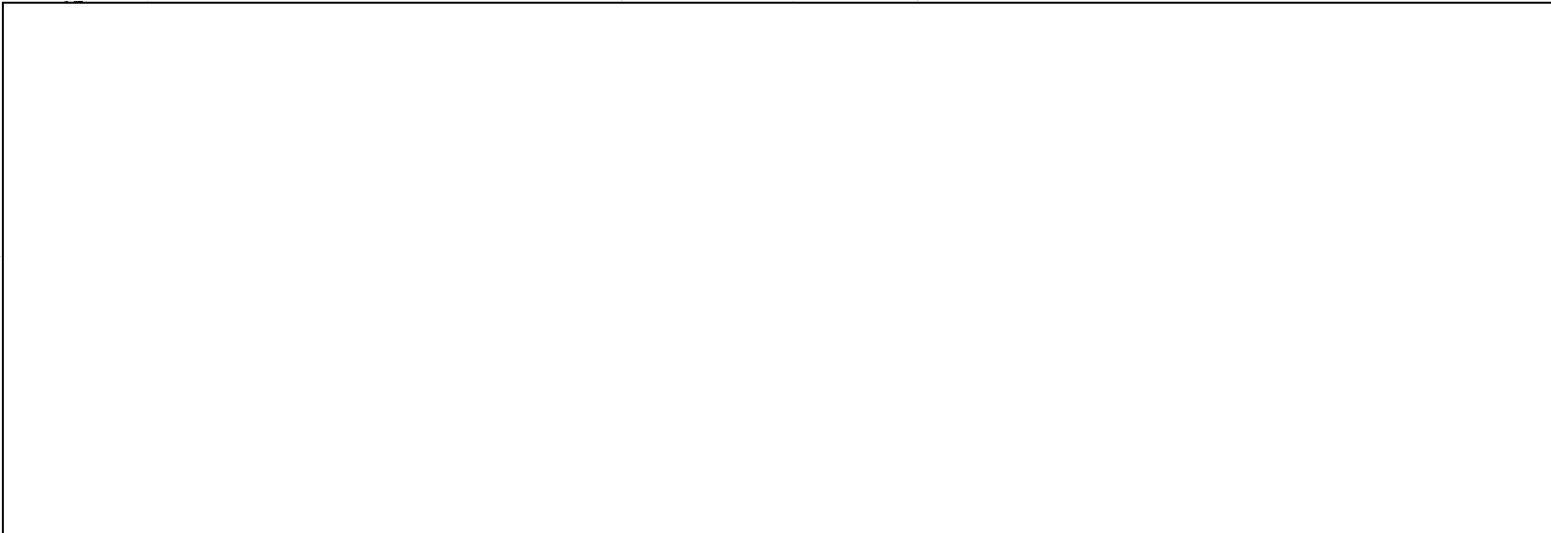
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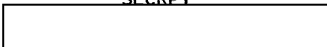
25X1A AF ENDR E1002-74 07 FEB 74 SEC CLASS: 05 MSN: 1P ACCN: S066250
 AIRCRAFT, TU-128 FIDDLER + FIDDLER NOSE MODIF UR
 WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
 IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1A AF REPT 1-74 18 MAY 73 SEC CLASS: 07 MSN: 2P ACCN: S066251
 AIRCRAFT, AN-12 CUB FUSELAGE FAIRING UR
 WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
 IDHS CODE: EPF CAT : 05D COMIREX NO:



CIA INFR MD158-74 11 MAR 74 SEC CLASS: 05 MSN: [REDACTED] 2P ACCN: S066367

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MILITARY, LOGISTICS ACTIVITY

VS

WAC NO : BE/OBJ NO :
IDHS CODE : EPF CAT : 35

NPIC NO :
COMIREX NO:

| | | | | | | | |
|-------|---------|--|-----------------------|-----------------------|------------------|----|------------------------|
| ARMY | BREF | BLZ07-8034-74 | FEB 74 | SEC CLASS: 05 X MSN | [REDACTED] | 4P | 25X1D ACCN: S066409 |
| 25X1A | SEPO | UP MILITARY VEHICLE REPAIR + STORAGE DPO | | KN | 383740N 1271735E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO: [REDACTED] | NPIC NO : - 26-E2 | | | |
| 25X1A | | IDHS CODE [REDACTED] | EPF CAT : 35F | COMIREX NO: | | | |
| ARMY | BREF | BLZ07-8035-74 | 20 FEB 74 | SEC CLASS: 05 X MSN | [REDACTED] | 4P | 25X1D ACCN: S066410 |
| 25X1A | KOAM | NI ARMY BARRACKS + STORAGE AREA ESE | | KN | 382119N 1272502E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO: [REDACTED] | NPIC NO : - 26-P | | | |
| 25X1A | | IDHS CODE [REDACTED] | EPF CAT : 35 | COMIREX NO: | | | |
| ARMY | BREF | BLZ07-8038-74 | 25 FEB 74 | SEC CLASS: 05 X MSN | [REDACTED] | 4P | 25X1D ACCN: S066411 |
| 25X1A | SUNGAM | NI MILITARY BARRACKS WSW | | KN | 383029N 1280009E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO: [REDACTED] | NPIC NO : | | | |
| 25X1A | | IDHS CODE [REDACTED] | EPF CAT : 35A | COMIREX NO: | | | |
| ARMY | BREF | BLZ07-8033-74 | 20 FEB 74 | SEC CLASS: 05 X MSN | [REDACTED] | 4P | 25X1D ACCN: S066412 |
| 25X1A | KOAM | NI MILITARY INSTALLATION NE | | KN | 382340N 1272420E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO: [REDACTED] | NPIC NO : - 145-B | | | |
| 25X1A | | IDHS CODE [REDACTED] | EPF CAT : 35A | COMIREX NO: | | | |
| ARMY | BREF | BLZ07-8041-74 | 25 FEB 74 | SEC CLASS: 05 X MSN | [REDACTED] | 5P | 25X1D ACCN: S066413 |
| 25X1A | SUNGAM | NI ARMY BARRACKS/STORAGE/HQ INF REGT | | KN | 383055N 1280100E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO: [REDACTED] | NPIC NO : - 79-E | | | |
| 25X1A | | IDHS CODE [REDACTED] | EPF CAT : 35 | COMIREX NO [REDACTED] | | | 25X1A |
| ARMY | BREF | BLZ07-8036-74 | 25 FEB 74 | SEC CLASS: 05 X MSN | [REDACTED] | 5P | 25X1D ACCN: S066414 |
| 25X1A | KUMSONG | ARMY BARRACKS + HQ INFANTRY REGIMENT | | KN | 382520N 1273637E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO: [REDACTED] | NPIC NO : - 84-J | | | |
| 25X1A | | IDHS CODE [REDACTED] | EPF CAT : 35A | COMIREX NO: | | | |
| ARMY | BREF | BLZ07-8042-74 | 25 FEB 74 | SEC CLASS: 05 X MSN | [REDACTED] | 4P | 25X1D ACCN: S066415 |

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|-------|---|-----------|--------------------------------|-----------------------|
| 25X1A | HONGHYON NI MILITARY BARRACKS + INFANTRY REGT | KN | 375608N 1261655E | |
| 25X1A | WAC NO : 0380 | BE/OBJ NO | [REDACTED] | NPIC NO : - 61-D |
| | IDHS CODE [REDACTED] | EPF CAT | : 35A | COMIREX NO [REDACTED] |
| ARMY | BREF BLZ07-8037-74 | 25 FEB 74 | SEC CLASS: 05 X MSN [REDACTED] | 4P |
| 25X1A | KALGAE MILITARY TRAINING AREA | KN | 383640N 1271205E | |
| 25X1A | WAC NO : 0380 | BE/OBJ NO | [REDACTED] | NPIC NO : |
| | IDHS CODE [REDACTED] | EPF CAT | : 35B | COMIREX NO: |
| ARMY | BREF BLZ07-8043-74 | 25 FEB 74 | SEC CLASS: 05 X MSN [REDACTED] | 4P |
| 25X1A | YONGMAE DO COASTAL DEFENSE SITE 1 | KN | 374615N 1255500E | |
| 25X1A | WAC NO : 0380 | BE/OBJ NO | [REDACTED] | NPIC NO : |
| | IDHS CODE [REDACTED] | EPF CAT | : 35D | COMIREX NO: |
| ARMY | BREF BLZ07-8040-74 | 25 FEB 74 | SEC CLASS: 05 X MSN [REDACTED] | 4P |
| 25X1A | YONGMAE DO COASTAL DEFENSE SITE 2 | KN | 374610N 1255349E | |
| 25X1A | WAC NO : 0380 | BE/OBJ NO | [REDACTED] | NPIC NO : |
| | IDHS CODE [REDACTED] | EPF CAT | : 35D | COMIREX NO: |
| ARMY | BREF BLZ07-8039-74 | 25 FEB 74 | SEC CLASS: 05 X MSN [REDACTED] | 4P |
| 25X1A | SINPYONG NI COASTAL DEFENSE SITE | KN | 375150N 1253532E | |
| 25X1A | WAC NO : 0380 | BE/OBJ NO | [REDACTED] | NPIC NO : |
| | IDHS CODE [REDACTED] | EPF CAT | : 35D | COMIREX NO: |
| AF | REPT REE24-8001-74 | 15 FEB 74 | SEC CLASS: 05 MSN [REDACTED] | 17P |
| 25X1A | MISSILES, BRDM-2A SAM LAUNCHER | UR | | |
| | WAC NO : | BE/OBJ NO | [REDACTED] | NPIC NO : |
| | IDHS CODE: | EPF CAT | : 40C | COMIREX NO: |

25X1A
 25X1D ACCN: S066416
 25X1D ACCN: S066417
 25X1D ACCN: S066418
 25X1D ACCN: S066419
 25X1D ACCN: S066420

THIS REPORT PROVIDES INFORMATION ON THE NEW PROBABLE LOW-LEVEL AIR DEFENSE WEAPON SYSTEM DESIGNATED THE BRDM-2A. THIS NEW WEAPON SYSTEM WAS FIRST IDENTIFIED IN THE WARSAW PACT DURING [REDACTED] THIS REPORT WILL REFLECT THE POSSIBLE IMPACT THE VEHICLE COULD HAVE ON U.S. AND NATO TROOP OPERATIONS DURING A TACTICAL CONVENTIONAL CONFLICT. THROUGH IMAGERY COMPARATIVE ANALYSIS, THIS STUDY INCLUDES THE DIMENSIONS OF THE BRDM-2A, ITS PROBABLE MISSILE PACK AND SUPPORT RAILS. ALSO, IT WILL INCLUDE A MISSILE DESCRIPTION THAT IS POSSIBLY COMPATIBLE WITH THE VEHICLE AND THE DIFFERENCES BETWEEN THE BASIC VEHICLE (BRDM-2) AND ITS NEW VARIANTS, THE BRDM-2A AND BRDM-2B. ANNOTATED MAPS OF THE WARSAW PACT ARE INCLUDED TO DEPICT THE LOCATIONS WHERE THE BRDM-2A HAVE BEEN IDENTIFIED. THIS REPORT WILL EMPHASIZE THE BRDM-2A, AND NOT THE

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BRDM-2B SINCE THEIR CHARACTERISTIC DIFFEERENCES ARE MINIMAL. THIS INFORMATION IS CURRENT

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25X1D

25X1C

NAVY BIIR RRG23-5017-74 FEB 74 SEC CLASS: 04 MSN: 9P ACCN: S066484

SHIPS, A6S CLASS BIYA

WAC NO :
IDHS CODE:

BE/OBJ NO [REDACTED]
EPF CAT : 75D

UR
NPIC NO :
COMIREX NO:

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF THE SOVIET BIYA CLASS SURVEY SHIP (A6S). IT INCLUDES BASIC DIMENSIONAL CHARACTERISTICS, ELECTRONIC INVENTORIES, RECOGNITION PHOTOGRAPHS OF THE CLASS, A PROVISIONAL SCALE DRAWING, ANNOTATED PHOTOGRAPHS OF SHIPS EQUIPMENT, AND REFERENCE DATA. THE BIYA IS [REDACTED] LONG AND HAS [REDACTED] MAXIMUM BEAM. THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT [REDACTED]

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25X1A

25X1D

25X1D

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NAVY BIIR R0623-5015-74 FEB 74 SEC CLASS: 05Z MSN: 15P ACCN: S066485

25X1A ELECTRONICS, POP GROUP SA-N-4 GUIDANCE RADAR UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 25C COMIREX NO:

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF POP GROUP MISSILE GUIDANCE RADAR, BASED ON AVAILABLE SURFACE AND AERIAL PHOTOGRAPHY. IT INCLUDES PROVISIONAL LINE DRAWINGS AND SELECTED PHOTOGRAPHS OF POP GROUP. IN ADDITION, PHOTOGRAPHS OF EACH OF FIVE CLASSES OF SOVIET SHIPS THAT ARE PRESENTLY EQUIPPED WITH THE RADAR ARE SHOWN.

THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT

AF ENDR D3003-74 08 FEB 74 SEC CLASS: 05 MSN: 1P ACCN: S066605

AIRCRAFT, NK-144 ENGINE UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

AF ENDR D4001-74 08 MAR 74 SEC CLASS: 05 MSN: 1P ACCN: S066615

25X1A AIRCRAFT, IL-18 COOT FITMENTS U/I UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

NAVY BIIR R0623-5012-74 JAN 74 SEC CLASS: 04 MSN: 27P ACCN: S066686

25X1A SHIPS, CLGM CLASS KRESTA 2 UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:

25X1A SHIPS, CLGM CLASS KRESTA 1 UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF THE KRESTA-I CLASS AND KRESTA-II CLASS GUIDED MISSILE LIGHT CRUISER (MIXED) (CLGM) AND IS BASED ON HIGH-RESOLUTION AERIAL AND GROUND PHOTOGRAPHY. IT INCLUDES BASIC DIMENSIONAL CHARACTERISTICS, COMPREHENSIVE ARMAMENT AND ELECTRONICS INVENTORIES, ANNOTATED PHOTOGRAPHIC ILLUSTRATIONS, PROVISIONAL SCALE DRAWINGS, REFERENCE DATA, AND INDIVIDUAL UNIT IDENTIFICATION SECTIONS ON BOTH KRESTA-I AND KRESTA-II UNITS.

ALTHOUGH KRESTA-I AND KRESTA-II UNITS HAVE THE SAME BEAM, THEY PRESENT ONLY A VERY GENERAL CONFIGURATIONAL RESEMBLANCE. BOTH CLASSES HAVE A SHARPLY SHEERED BOW, A PROMINENT PYRAMID-SHAPED MAST AMIDSHIPS, AND A SINGLE STEP-DOWN IN THE HULL NEAR THE FANTAIL. ALTHOUGH THE MISSILE SYSTEMS ARE DIFFERENT ON EACH CLASS, BOTH CLASSES ARE EQUIPPED WITH SURFACE-TO-SURFACE (SSM) AND

25X1D

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SURFACE-TO-AIR MISSILE (SAM) SYSTEMS. ADDITIONALLY, EACH CLASS HAS A HELICOPTER LANDING AREA ON THE FANTAIL.

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25X1D
25X1D

KRESTA-II EXHIBITS A MORE POINTED, RAKED BOW IN THE HORIZONTAL PROFILE DUE TO THE ADDITION OF A BOW SONAR WHICH PROVIDES FOR ITS INCREASE IN LENGTH OVER THAT OF THE KRESTA-I. OTHER DIFFERENCES BETWEEN THE TWO CLASSES RELATE TO EQUIPMENT AND ARMAMENT AND ARE DESCRIBED AND ILLUSTRATED IN DETAIL IN LATER SECTIONS OF THIS REPORT. THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT THIS REPORT SUPERSEDES RNG-23/5018/70, KRESTA-I CLASS CLGM AND KRESTA-II CLASS CLGM OF JUNE 1970.

25X1D

NAVY BIIR RNG23-5018-74 MAR 74 SEC CLASS: 07 MSN: 9P ACCN: S066687

25X1A

SHIPS, BMRL CLASS SHMEL
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE : EPF CAT : 75D COMIREX NO:

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF THE SHMEL CLASS SMALL RIVER MONITOR (BMRL). IT INCLUDES BASIC DIMENSIONAL CHARACTERISTICS, ARMAMENT AND ELECTRONICS INVENTORIES, ANNOTATED PHOTOGRAPHIC ILLUSTRATIONS, AND PROVISIONAL SCALE DRAWINGS. THIS REPORT SUPERSEDES BASIC IMAGERY INTERPRETATION REPORT (BIIR) RNG-23/5016/71, SHMEL CLASS PGMR, DATED JANUARY 1971.

25X1D

THE SHMEL CLASS IS LONG AND HAS A MAXIMUM BEAM. THE CLASS IS EASILY DISTINGUISHED BY ITS OVERALL LOW PROFILE, THE 76.2-MM. TANK GUN FORWARD, AND THE 17-TUBE ROCKET LAUNCHER AFT OF THE SUPERSTRUCTURE.

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25X1D

THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT

ARMY BREF BLZ07-8044-74 12 MAR 74 SEC CLASS: 05 X MSN 3P ACCN: S066716

25X1A
25X1A

MUSAN FIELD ARTILLERY SITE + BARRACKS AREA
WAC NO : 0380 BE/OBJ NO : NPIC NO :
IDHS CODE : EPF CAT : 35 COMIREX NO:

ARMY BREF BLZ07-8045-74 12 MAR 74 SEC CLASS: 05 X MSN 3P ACCN: S066717

25X1A
25X1A

SAGON NI MILITARY AREA NNW
WAC NO : 0380 BE/OBJ NO : NPIC NO :
IDHS CODE : EPF CAT : 35A COMIREX NO:

ARMY BREF BLZ07-8046-74 12 MAR 74 SEC CLASS: 05 X MSN 3P ACCN: S066718

25X1A
25X1A

CHONDANG NI ARMY BARRACKS + AAA SITE
WAC NO : 0380 BE/OBJ NO : NPIC NO :
IDHS CODE : EPF CAT : 35 COMIREX NO:

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|-------|------|---|----------------------|-----------------------|------------------|----|------------------------|
| ARMY | BREF | BLZ07-8047-74 | 12 MAR 74 | SEC CLASS: 05 X MSN | [REDACTED] | 3P | 25X1D ACCN: S066719 |
| 25X1A | | SANJI KOL ARMY BARRACKS + CD | SITE EAST | KN | 374938N 1253416E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [REDACTED] | NPIC NO : | | | |
| | | IDHS CODE [REDACTED] | EPF CAT : 35 | COMIREX NO: | | | |
| ARMY | BREF | BLZ07-8084-74 | APR 74 | SEC CLASS: 05 X MSN | [REDACTED] | 3P | 25X1D ACCN: S066720 |
| 25X1A | | MUDO RI COASTAL DEFENSE SITE | | KN | 374420N 1253450E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [REDACTED] | NPIC NO : | | | |
| | | IDHS CODE [REDACTED] | EPF CAT : 35D | COMIREX NO: | | | |
| ARMY | BREF | BLZ07-8049-74 | 12 MAR 74 | SEC CLASS: 05 X MSN | [REDACTED] | 3P | 25X1D ACCN: S066721 |
| 25X1A | | SUNWI DO COASTAL DEFENSE SITE EAST | | KN | 374138N 1251430E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [REDACTED] | NPIC NO : | | | |
| | | IDHS CODE [REDACTED] | EPF CAT : 35D | COMIREX NO: | | | |
| ARMY | BREF | BLZ07-8050-74 | 12 MAR 74 | SEC CLASS: 05 X MSN | [REDACTED] | 4P | 25X1D ACCN: S066722 |
| 25X1A | | CHOM MAUL ARMY BARRACKS + STORAGE AREA | | KN | 380327N 1264742E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [REDACTED] | NPIC NO : - 65-E | | | |
| | | IDHS CODE [REDACTED] | EPF CAT : 35 | COMIREX NO [REDACTED] | | | 25X1A |
| ARMY | BREF | BLZ07-8051-74 | 12 MAR 74 | SEC CLASS: 05 X MSN | [REDACTED] | 3P | 25X1D ACCN: S066723 |
| 25X1A | | ONGJIN ARMY BARRACKS SOUTH | | KN | 374402N 1252754E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [REDACTED] | NPIC NO : | | | |
| | | IDHS CODE [REDACTED] | EPF CAT : 35A | COMIREX NO: | | | |
| AF | ENDR | D3004-74 | 15 FEB 74 | SEC CLASS: 07 | MSN: | 1P | ACCN: S066737 |
| 25X1A | | SPACE, SALYUT STAR CITY MODEL | | UR | | | |
| | | WAC NO : | BE/OBJ NO [REDACTED] | NPIC NO : | | | |
| | | IDHS CODE: | EPF CAT : 40H | COMIREX NO: | | | |
| AF | REPT | 2-74 | 21 MAR 74 | SEC CLASS: 07 | MSN: | 2P | ACCN: S066738 |
| | | AIRCRAFT, SU-20 FITTER C INLET + EFFLUX | | UR | | | |
| | | WAC NO : | BE/OBJ NO: | NPIC NO : | | | |
| | | IDHS CODE: | EPF CAT : 05D | COMIREX NO: | | | |

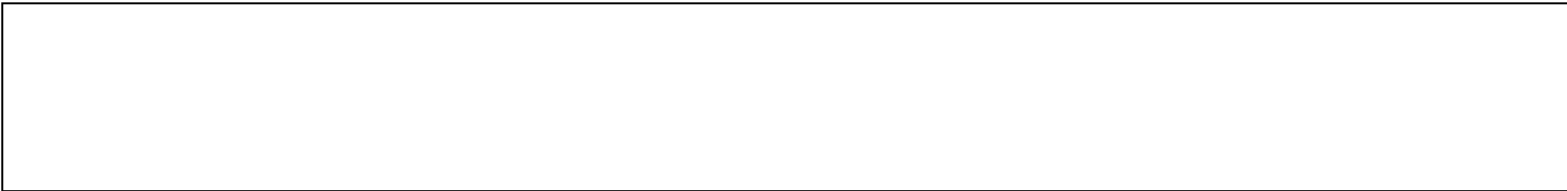
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NAVY BIIR RNg23-5016-74 MAR 74 SEC CLASS: 05 MSN: 30P ACCN: S066808

25X1A MISSILES, SS-N-3C
 WAC NO : BE/OBJ NO [] UR
 IDHS CODE : EPF CAT : 40G NPIC NO :
 COMIREX NO:

25X1A MISSILES, SS-N-3A
 WAC NO : BE/OBJ NO [] UR
 IDHS CODE : EPF CAT : 40G NPIC NO :
 COMIREX NO:

25X1A MISSILES, SS-N-3B
 WAC NO : BE/OBJ NO [] UR
 IDHS CODE : EPF CAT : 40G NPIC NO :
 COMIREX NO:

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF THE SS-N-3 NAVAL SURFACE-TO-SURFACE CRUISE MISSILE SYSTEM BASED ON AVAILABLE GROUND AND AERIAL PHOTOGRAPHY. THERE ARE THREE VARIANTS OF THE MISSILE SS-N-3A, SS-N-3B, AND SS-N-3C. THIS REPORT CONSISTS OF A DESCRIPTION OF THE SS-N-3C MISSILE SYSTEM, AS WELL AS PROVISIONAL SCALE DRAWINGS OF THE MISSILE, BOOSTER AND LAUNCHER. IN ADDITION, ANNOTATED PHOTOGRAPHIC VIEWS OF THE MISSILE, ASSOCIATED PLATFORMS, SENSORS AND OTHER RELATED EQUIPMENT ARE SHOWN.

25X1D THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT []

NAVY BIIR RNg23-5019-74 APR 74 SEC CLASS: 05W MSN: 17P ACCN: S066809

25X1A SHIPS, LST CLASS ALLIGATOR TYPES 1/2/3 [] UR
 WAC NO : BE/OBJ NO [] NPIC NO :
 IDHS CODE : EPF CAT : 75D COMIREX NO:

THIS REPORT PROVIDES AN IMAGERY-DERIVED ANALYSIS OF THE SOVIET ALLIGATOR CLASS TANK LANDING SHIP (LST). IT INCLUDES BASIC DIMENSIONAL CHARACTERISTICS, ELECTRONICS AND ARMAMENT INVENTORIES, PROVISIONAL SCALE DRAWINGS, RECOGNITION PHOTOGRAPHS, INDIVIDUAL UNIT IDENTIFICATION PHOTOGRAPHS, ANNOTATED PHOTOGRAPHS OF SHIPS EQUIPMENT, AND REFERENCE DATA.

THREE DISTINCT VARIATIONS OF THE ALLIGATOR CLASS LST ARE ILLUSTRATED IN THIS REPORT, THEY ARE TYPE-I, TYPE-II AND TYPE-III.

ALLIGATOR CLASS PROVIDES THE SOVIET NAVY WITH ITS ONLY LONG-RANGE LANDING SHIP. ITS CONTENTS CAN BE LOADED OR DISCHARGED VIA THE CRANES AND CARGO HATCHES AND/OR THE LARGE BOW/STERN DOORS IN THE CONVENTIONAL

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25X1D LST MANNER.
THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT [REDACTED] THIS REPORT SUPERSEDES RNG-23/5018/71,
ALLIGATOR CLASS LST, DATED FEBRUARY 1971.

AF BIIR RFB22-5009-74 MAR 74 SEC CLASS: 04 MSN: 18P ACCN: S066821

25X1A SPACE, SOYUZ UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 40H COMIREX NO:

THIS REPORT, WHICH PRESENTS A PHOTOGRAPHIC ANALYSIS OF THE SOYUZ MANNED SPACECRAFT, CONSISTS OF A BASIC DESCRIPTION, DIMENSIONAL ANALYSIS, ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY. THIS REPORT SUPERSEDES FTD BIIR RFB-22/5005/70, SOYUZ, DATED FEBRUARY 1970 (SECRET).
THE SOYUZ SPACECRAFT IS THE CURRENT BASIC VEHICLE OF THE SOVIET MAN-IN-SPACE PROGRAM, PRECEDED BY THE VOSTOK AND THE VOSKHOD, THE SOYUZ 2 THRU 11 VEHICLES ARE CONSIDERED TO BE SECOND-GENERATION SPACECRAFT CAPABLE OF ACCOMMODATING UP TO THREE COSMONAUTS, THE SOYUZ 12 VEHICLE AND THE 13 REPORTEDLY ACCOMMODATED TWO COSMONAUTS. THE SOYUZ IS CAPABLE OF RENDEZVOUS AND DOCKING WITH OTHER VEHICLES IN ORBIT AND IS EQUIPPED TO ALLOW THE COSMONAUTS TO EXIT THE CRAFT AND CARRY OUT EXTRA-VEHICULAR ACTIVITY (EVA) IN SPACE.

CIA INFR MD356-74 17 APR 74 SEC CLASS: 08K MSN [REDACTED] 2P ACCN: S066847

MILITARY, LOGISTICS ACTIVITY LA
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:

ARMY BIIB BAC24-5009-74 APR 74 SEC CLASS: 04 MSN [REDACTED] 4P ACCN: S066869

25X1A ELECTRONICS, SA-4 COLLIMATION/CALIBRATION VEH UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 25C COMIREX NO:

THIS BRIEF PROVIDES A PHYSICAL DESCRIPTION OF THE SA-4 RADAR COLLIMATION/CALIBRATION VEHICLE AND ANTENNA. IT ALSO COMPARES THE SIMILARITY OF FEATURES WITH THE VEHICLE-MOUNTED R-400 RADIO RELAY, WHEN IN THE TRAVEL MODE. INCLUDED ARE ANNOTATED PHOTOGRAPHS, DIMENSIONS, AND DESCRIPTION DERIVED FROM OVERHEAD AND GROUND PHOTOGRAPHY, AND COLLATERAL INFORMATION.

AF ENDR E1018-73 14 MAR 74 SEC CLASS: 04 MSN: 1P ACCN: S066933

25X1A AIRCRAFT, FLAGON E JET FIGHTER UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

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| CIA | INFR | MD383-74 | 26 APR 74 | SEC CLASS: 05 | MSN [] | 2P | 25X1A | CDN: S066969 |
| | | MILITARY, LOGISTICS ACTIVITY | | | | | | |
| | | WAC NO : | BE/OBJ NO : | | | | | |
| | | IDHS CODE: | EPF CAT : 35 | | | | | |
| | | MILITARY, LOGISTICS ACTIVITY | | | | | | |
| | | WAC NO : | BE/OBJ NO : | | | | | |
| | | IDHS CODE: | EPF CAT : 35 | | | | | |
| ARMY | BREF | BLZ07-8052-74 | 28 MAR 74 | SEC CLASS: 05 X | MSN [] | 3P | 25X1A | CDN: S067049 |
| 25X1A | | TAESUAP MILITARY AREA | | | | | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [] | KN | 374812N 1254614E | | | |
| | | IDHS CODE [] | EPF CAT : 35A | | | | | |
| ARMY | BREF | BLZ07-8053-74 | 28 MAR 74 | SEC CLASS: 05 X | MSN [] | 4P | 25X1A | CDN: S067050 |
| 25X1A | | KIRIN DO COASTAL DEFENSE SITE WEST | | | | | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [] | KN | 374813N 1245950E | | | |
| | | IDHS CODE [] | EPF CAT : 35D | | | | | |
| ARMY | BREF | BLZ07-8054-74 | 28 MAR 74 | SEC CLASS: 05 X | MSN [] | 4P | 25X1A | CDN: S067051 |
| 25X1A | | OGUN NI ARMY BARRACKS + COASTAL DEF SITE NNE | | | | | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [] | KN | 374832N 1253235E | | | |
| | | IDHS CODE [] | EPF CAT : 35 | | | | | |
| ARMY | BREF | BLZ07-8055-74 | 28 MAR 74 | SEC CLASS: 05 X | MSN [] | 4P | 25X1A | CDN: S067052 |
| 25X1A | | SOKCHON COASTAL DEFENSE SITE | | | | | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [] | KN | 375442N 1253621E | | | |
| | | IDHS CODE [] | EPF CAT : 35D | | | | | |
| ARMY | BREF | BLZ07-8056-74 | MAR 74 | SEC CLASS: 05 X | MSN [] | 4P | 25X1A | CDN: S067053 |
| 25X1A | | KIRIN DO COASTAL DEFENSE SITE | | | | | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [] | KN | 374810N 1250100E | | | |
| | | IDHS CODE [] | EPF CAT : 35D | | | | | |
| ARMY | BREF | BLZ07-8057-74 | 28 MAR 74 | SEC CLASS: 05 X | MSN [] | 5P | 25X1A | CDN: S067054 |
| | | TAESUAP TO COASTAL DEFENSE COMPLEX | | | | | | |
| | | | | KN | 374750N 1254615E | | | |

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|-------|------|---|---------------|-------------------------|----|------------------------|
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [] | NPIC NO : - 4 | | |
| 25X1A | | IDHS CODE [] | EPF CAT : 35D | COMIREX NO: | | |
| ARMY | BREF | BLZ07-8058-74 | 29 MAR 74 | SEC CLASS: 05 X MSN [] | 4P | 25X1D ACCN: S067055 |
| 25X1A | | CHOMDAE GOL ARMY BARRACKS AREA | | KN 383320N 1272600E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [] | NPIC NO : - 26-I3 | | |
| 25X1A | | IDHS CODE [] | EPF CAT : 35A | COMIREX NO: | | |
| ARMY | BREF | BLZ07-8059-74 | 29 MAR 74 | SEC CLASS: 05 X MSN [] | 4P | 25X1D ACCN: S067056 |
| 25X1A | | HUDONG MILITARY BARRACKS AREA | | KN 374608N 1252808E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [] | NPIC NO : | | |
| 25X1A | | IDHS CODE [] | EPF CAT : 35A | COMIREX NO: | | |
| ARMY | BREF | BLZ07-8060-74 | 29 MAR 74 | SEC CLASS: 05 X MSN [] | 4P | 25X1D ACCN: S067057 |
| 25X1A | | ICHON ARMY BARRACKS AREA | | KN 382920N 1265317E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [] | NPIC NO : - 45-A1 | | |
| 25X1A | | IDHS CODE [] | EPF CAT : 35A | COMIREX NO: | | |
| ARMY | BREF | BLZ07-8061-74 | 29 MAR 74 | SEC CLASS: 05 X MSN [] | 4P | 25X1D ACCN: S067058 |
| 25X1A | | OGUN NI ARMY BARRACKS | | KN 374750N 1253200E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [] | NPIC NO : - 25-B | | |
| 25X1A | | IDHS CODE [] | EPF CAT : 35A | COMIREX NO: | | |
| ARMY | BREF | BLZ07-8062-74 | 29 MAR 74 | SEC CLASS: 05 X MSN [] | 4P | 25X1D ACCN: S067059 |
| 25X1A | | OGUN NI ARMY BARRACKS + COASTAL DEF SITE NE | | KN 374915N 1253356E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [] | NPIC NO : | | |
| 25X1A | | IDHS CODE [] | EPF CAT : 35 | COMIREX NO: | | |
| ARMY | BREF | BLZ07-8063-74 | 29 MAR 74 | SEC CLASS: 05 X MSN [] | 4P | 25X1D ACCN: S067060 |
| 25X1A | | SAGON NI ARMY BARRACKS AREA NE | | KN 374955N 1252112E | | |
| 25X1A | | WAC NO : 0380 | BE/OBJ NO [] | NPIC NO : - 25-E2 | | |
| 25X1A | | IDHS CODE [] | EPF CAT : 35A | COMIREX NO: | | |
| ARMY | BREF | BLZ07-8064-74 | 29 MAR 74 | SEC CLASS: 05 X MSN [] | 4P | 25X1D ACCN: S067061 |
| | | OGUN NI ARMY BARRACKS + CD SITE NORTH | | KN 374930N 1253200E | | |

102
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25X1A WAC NO : 0380 BE/OBJ NO [] NPIC NO : - 25-B1
25X1A IDHS CODE [] EPF CAT : 35 COMIREX NO:

ARMY BREF BLZ07-8065-74 29 MAR 74 SEC CLASS: 05 X MSN [] 4P

25X1D CN: S067062

25X1A CHANGNIN DO COASTAL DEFENSE SITE SW KN 374642N 1250845E
25X1A WAC NO : 0380 BE/OBJ NO [] NPIC NO :
IDHS CODE [] EPF CAT : 35D COMIREX NO:

ARMY INFR K002-74 14 FEB 74 SEC CLASS: 08B MSN: 4P

ACCN: S067082

25X1A MISSILES, BRDM-2A/BRDM-2B SAM TEL PODS MTD UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 40C COMIREX NO:

25X1D THIS PHOTO INTERPRETATION MEMORANDUM FURNISHES GROUND AND AERIAL PHOTOGRAPHY, AND AN ILLUSTRATION WITH DIMENSIONS OF THE SURFACE-TO-AIR MISSILE PODS AS MOUNTED ON THE SOVIET BRDM-2 MODIFIED VEHICLE MODS A AND B. INFORMATION IS CURRENT [] THESE DIMENSIONS SUPERSEDE ALL PREVIOUS INFORMATION PUBLISHED BY THIS HEADQUARTERS REFERENCE MENSURATION OF MISSILE PODS.

CIA INFR MD403-74 08 MAY 74 SEC CLASS: 05 MSN [] 2P

25X1D CN: S067083

PAK BENG MILITARY CONSTRUCTION POSS LA 1953//N 10108//E
WAC NO : 0677 BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35 COMIREX NO:

CIA INFR MD407-74 10 MAY 74 SEC CLASS: 04 MSN: 2P

ACCN: S067085

ELECTRONICS, ANTENNA NEW POSS PTFG CL OSA MTD EG
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 25I COMIREX NO:

25X6



AF ENDR D2001-74 22 APR 74 SEC CLASS: 07 MSN: 1P

ACCN: S067188

25X1A AIRCRAFT, BACKFIRE B UR
WAC NO : BE/OBJ NO [] NPIC NO :

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|-------|--|-------------------------|-------------------|------------------|---------------------|
| | IDHS CODE: | EPF CAT : 05D | COMIREX NO: | | |
| AF | ENDR | D1004-74 29 MAR 74 | SEC CLASS: 04 | MSN: | 1P |
| 25X1A | MISSILES, AA-3 ANAB VARIANTS | | UR | | ACCN: S067189 |
| | WAC NO : | BE/OBJ NO: [REDACTED] | NPIC NO : | | |
| | IDHS CODE: | EPF CAT : 40J | COMIREX NO: | | |
| AF | ENDR | E1005-74 20 MAR 74 | SEC CLASS: 07 | MSN: | 1P |
| 25X1A | MISSILES, SS-11 MISSILE/CANISTER/TRANSPORTER | | UR | | ACCN: S067199 |
| | WAC NO : | BE/OBJ NO: [REDACTED] | NPIC NO : | | |
| | IDHS CODE: | EPF CAT : 40A | COMIREX NO: | | |
| CIA | INFR | MD422-74 14 MAY 74 | SEC CLASS: 05E | MSN: [REDACTED] | 3P |
| 25X1A | MILITARY, LOGISTICS ACTIVITY | | VN | | 25X1D ACCN: S067210 |
| | WAC NO : | BE/OBJ NO: | NPIC NO : | | |
| | IDHS CODE: | EPF CAT : 35 | COMIREX NO: | | |
| AF | REPT | 3-74 30 APR 74 | SEC CLASS: 07 | MSN: | 3P |
| 25X1A | MISSILES, SS-11 CANISTER + TRANSPORTER | | UR | | ACCN: S067396 |
| | WAC NO : | BE/OBJ NO: [REDACTED] | NPIC NO : | | |
| | IDHS CODE: | EPF CAT : 40A | COMIREX NO: | | |
| ARMY | BREF | BLZ07-8070-74 24 APR 74 | SEC CLASS: 05 X | MSN: [REDACTED] | 4P |
| 25X1A | SULGUM DONG COASTAL DEFENSE SITE | | KN | 375405N 1254115E | 25X1D ACCN: S067397 |
| 25X1A | WAC NO : 0380 | BE/OBJ NO: [REDACTED] | NPIC NO : - 163 | | |
| | IDHS CODE: [REDACTED] | EPF CAT : 35D | COMIREX NO: | | |
| ARMY | BREF | BLZ07-8066-74 19 APR 74 | SEC CLASS: 05 X | MSN: [REDACTED] | 4P |
| 25X1A | SANGCHONGSONG MILITARY BARRACKS AREA SSE | | KN | 382132N 1280247E | 25X1D ACCN: S067398 |
| 25X1A | WAC NO : 0380 | BE/OBJ NO: [REDACTED] | NPIC NO : | | |
| | IDHS CODE: [REDACTED] | EPF CAT : 35A | COMIREX NO: | | |
| ARMY | BREF | BLZ07-8072-74 24 APR 74 | SEC CLASS: 05 X | MSN: [REDACTED] | 4P |
| 25X1A | PUPO RI COASTAL DEFENSE SITE | | KN | 374551N 1253653E | 25X1D ACCN: S067399 |
| | WAC NO : 0380 | BE/OBJ NO: [REDACTED] | NPIC NO : - 25-B3 | | |

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25X1A IDHS CODE [] EPF CAT : 35D COMIREX NO []
 ARMY BREF BLZ07-8071-74 24 APR 74 SEC CLASS: 05 X MSN [] 4P

25X1A ONGJIN COASTAL DEFENSE SITE KN 374330N 1252800E
 WAC NO : 0380 BE/OBJ NO [] NPIC NO : - 25-K1
 25X1A IDHS CODE [] EPF CAT : 35D COMIREX NO:
 ARMY BREF BLZ07-8069-74 19 APR 74 SEC CLASS: 05 X MSN [] 4P

25X1A HOEYANG ARMY BARRACKS ESE KN 384155N 1273823E
 WAC NO : 0380 BE/OBJ NO [] NPIC NO : - 44-K
 25X1A IDHS CODE [] EPF CAT : 35A COMIREX NO:
 ARMY BREF BLZ07-8073-74 24 APR 74 SEC CLASS: 05 X MSN [] 4P

25X1A UPCHO RI COASTAL DEFENSE SITE KN 375210N 1250932E
 WAC NO : 0380 BE/OBJ NO [] NPIC NO :
 25X1A IDHS CODE [] EPF CAT : 35D COMIREX NO:
 ARMY BREF BLZ07-8068-74 19 APR 74 SEC CLASS: 05 X MSN [] 4P

25X1A HOEYANG MILITARY VEHICLE MAINT AREA SOUTH KN 384143N 1273622E
 WAC NO : 0380 BE/OBJ NO [] NPIC NO :
 25X1A IDHS CODE [] EPF CAT : 35F COMIREX NO:
 ARMY BREF BLZ07-8067-74 19 APR 74 SEC CLASS: 05 X MSN [] 4P

25X1A HOEYANG MILITARY AREA EAST KN 384220N 1273638E
 WAC NO : 0380 BE/OBJ NO [] NPIC NO :
 25X1A IDHS CODE [] EPF CAT : 35 COMIREX NO:

25X1A

25X1D ACCN: S067400

25X1D ACCN: S067401

25X1D ACCN: S067402

25X1D ACCN: S067403

25X1D ACCN: S067404

25X6



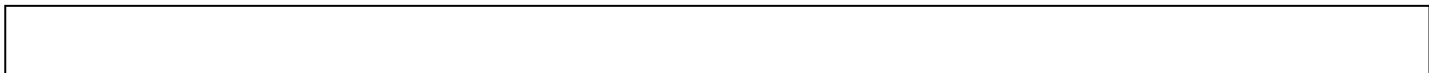
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NAVY BREF 7116-74 30 MAY 74 SEC CLASS: 04 MSN: 6P ACCN: S067440

25X1A AIRCRAFT, KA-25 HORMONE A ASW MODIFIED UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

NAVY BREF S0412-74 31 MAY 74 SEC CLASS: 04 MSN: 6P ACCN: S067455

25X1A SAN ANTONIO DE LOS BANOS AIRFIELD MIG-21 CRTS CU 225216N 0823034W
WAC NO : 0586 BE/OBJ NO : NPIC NO : - 164

25X1A IDHS CODE: EPF CAT : 05A COMIREX NO: 25X1A

25X1A JOSE MARTI AIRFIELD INTL TU-95/TU-114 A/C CU 225922N 08224 W 25X1D

25X1A WAC NO : 0586 BE/OBJ NO : NPIC NO : - 86-1

25X1A IDHS CODE: EPF CAT : 05A COMIREX NO: 25X1A

25X1A MATANZAS SAM SITE NORTH U/C CU 230500N 0813330W

25X1A WAC NO : 0586 BE/OBJ NO : NPIC NO : - 120-F1

25X1A IDHS CODE: EPF CAT : 40C COMIREX NO: 25X1A

25X1A CIENFUEGOS NAVAL BASE AO CLASS KAZBEK CU 220903N 0802720W

25X1A WAC NO : 0586 BE/OBJ NO : NPIC NO : - 51-A1

25X1A IDHS CODE: EPF CAT : 75B COMIREX NO: 25X1A

25X1A CIENFUEGOS PORT FACILITIES DGSP/SSB/ATA CU 220825N 0802720W

25X1A WAC NO : 0586 BE/OBJ NO : NPIC NO : - 51-A

25X1A IDHS CODE: EPF CAT : 75 COMIREX NO: 25X1A

ARMY BREF BLZ07-8076-74 17 MAY 74 SEC CLASS: 05 X MSN: 4P ACCN: S067595

25X1A YONAM NI MILITARY TRAINING AREA KN 381725N 1265100E

25X1A WAC NO : 0380 BE/OBJ NO : NPIC NO :

25X1A IDHS CODE: EPF CAT : 35B COMIREX NO:

ARMY BREF BLZ07-8074-74 17 MAY 74 SEC CLASS: 05 X MSN: 4P ACCN: S067596

25X1A WONYON DONG ARMY BARRACKS + INFANTRY REG HQ KN 381236N 1265152E

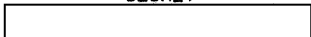
25X1A WAC NO : 0380 BE/OBJ NO : NPIC NO :

25X1A IDHS CODE: EPF CAT : 35A COMIREX NO:

ARMY BREF BLZ07-8079-74 29 MAY 74 SEC CLASS: 05 X MSN: 4P ACCN: S067597

106
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25X1



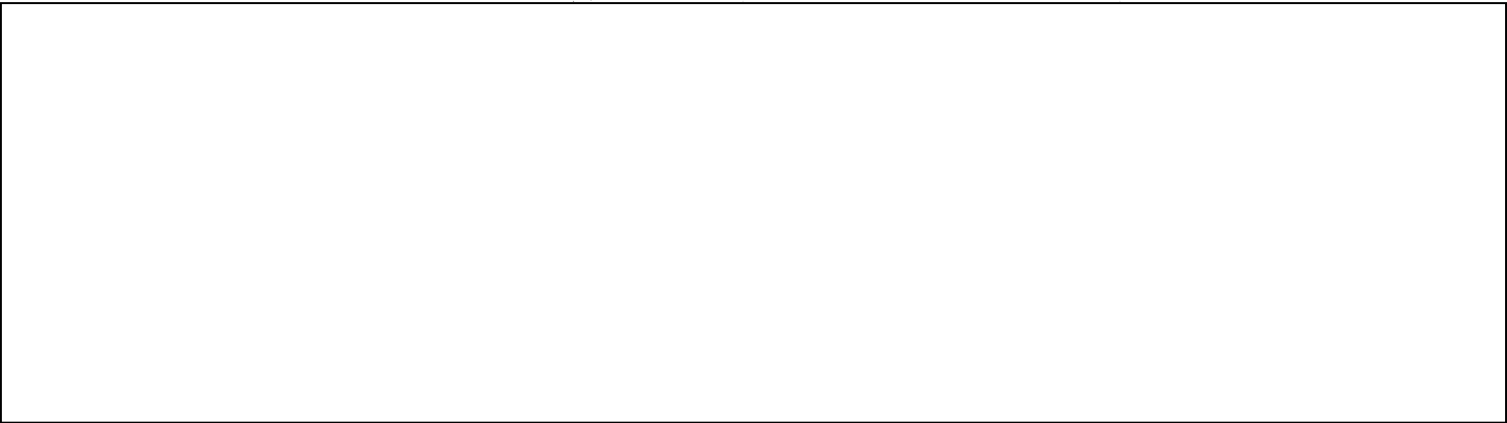
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|-------|--|----------------------|----------------------|--------------------------------|----------------|
| 25X1A | HOEYANG ARMY BARRACKS EAST | WAC NO : 0380 | BE/OBJ NO [REDACTED] | KN 384205N 1273948E | |
| 25X1A | | IDHS CODE [REDACTED] | EPF CAT : 35A | NPIC NO : - 44-E | |
| | ARMY BREF BLZ07-8075-74 | 17 MAY 74 | | COMIREX NO [REDACTED] | 25X1A |
| | | | | SEC CLASS: 05 X MSN [REDACTED] | 4P |
| 25X1A | ONGJIN COASTAL DEFENSE POSITIONS SOUTH | WAC NO : 0380 | BE/OBJ NO [REDACTED] | KN 374044N 1252104E | |
| 25X1A | | IDHS CODE [REDACTED] | EPF CAT : 35D | NPIC NO : | |
| | ARMY BREF BLZ07-8078-74 | 29 MAY 74 | | COMIREX NO: | 25X1D: S067598 |
| | | | | SEC CLASS: 05 X MSN [REDACTED] | 4P |
| 25X1A | SINANSANG NI MILITARY BARRACKS SE | WAC NO : 0380 | BE/OBJ NO [REDACTED] | KN 383737N 1274505E | |
| 25X1A | | IDHS CODE [REDACTED] | EPF CAT : 35A | NPIC NO : - 82-B4 | |
| | ARMY BREF BLZ07-8077-74 | MAY 74 | | COMIREX NO: | 25X1D: S067599 |
| | | | | SEC CLASS: 05 X MSN [REDACTED] | 3P |
| 25X1A | SINANSANG NI TRAINING AREA EAST | WAC NO : 0380 | BE/OBJ NO [REDACTED] | KN 383854N 1274423E | |
| 25X1A | | IDHS CODE [REDACTED] | EPF CAT : 35B | NPIC NO : | |
| | | | | COMIREX NO: | 25X1D: S067600 |

25X6



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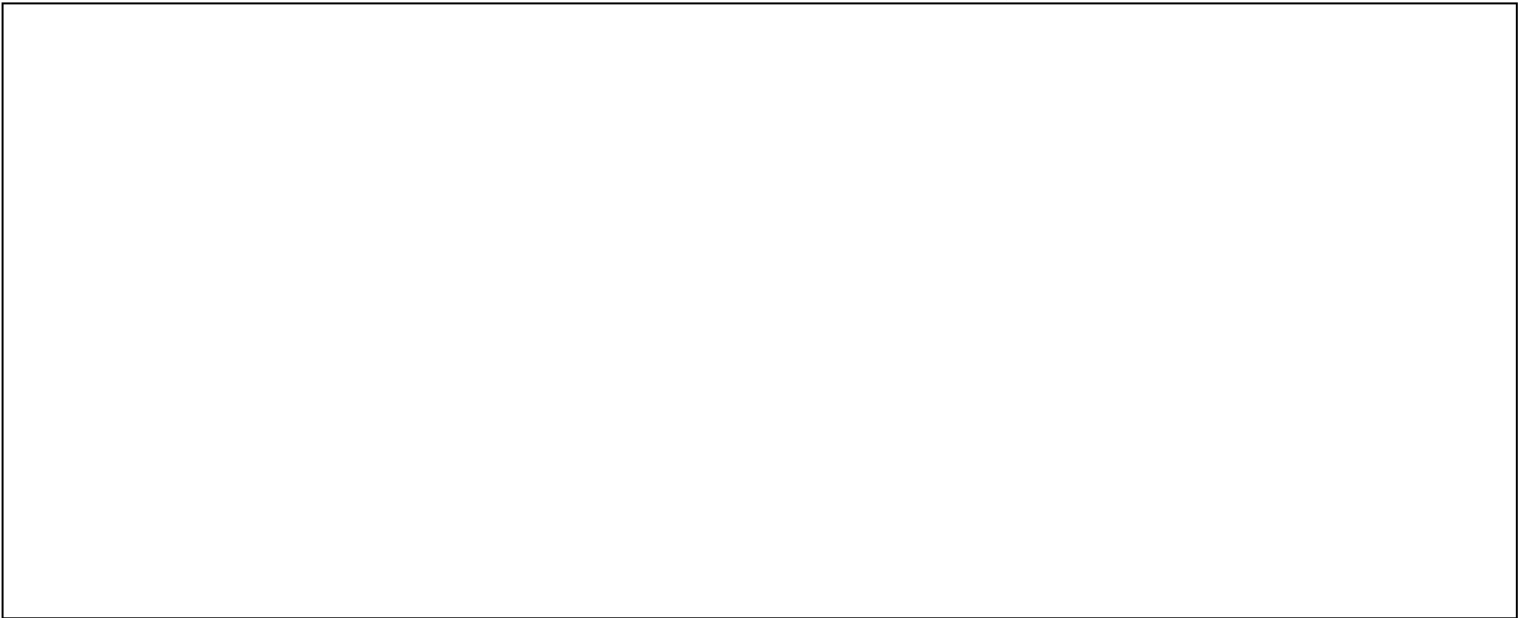
Approved For Release 2003/05/15 : CIA-RDP78B04560A007400010035-6

Approved For Release 2003/05/15 : CIA-RDP78B04560A007400010035-6

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25X1



25X1C

AF BIIR RFB22-5011-74 JUN 74 SEC CLASS: 04 MSN: 9p ACCN: S067722

SPACE, COSMOS 381 SPACECRAFT SCIENTIFIC SAT UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 40H COMIREX NO:

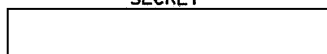
25X1A

THIS REPORT PRESENTS A PHOTOGRAPHIC ANALYSIS OF THE COSMOS 381 SPACECRAFT. IT INCLUDES A BASIC DESCRIPTION, MENSURAL AND CONFIGURAL ANALYSIS, ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY.
THE COSMOS 381 SPACECRAFT IS CONFIGURED AS A CYLINDER WITHIN A CYLINDER. THE OUTSIDE CYLINDER HAS A DIAMETER OF [REDACTED] WITH A BODY LENGTH OF [REDACTED] THE INSIDE CYLINDER HAS A DIAMETER OF [REDACTED] WITH A BODY LENGTH OF [REDACTED] THE FORWARD END FEATURES AN INSTRUMENTATION TOWER FROM WHICH A GRAVITY

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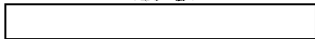


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GRADIENT STABILIZATION BOOM IS DEPLOYED.

AF BIIR RFB22-5012-74 APR 74 SEC CLASS: 04 MSN: 11P ACCN: S067723

25X1A

MISSILES, RD-219 BOOSTER ENGINE SS-7 ASSOC UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 40A COMIREX NO:

THIS REPORT PRESENTS A PHOTOGRAPHIC ANALYSIS OF THE SOVIET RD-219, LIQUID BI-PROPELLANT ROCKET ENGINE. IT INCLUDES A BASIC DESCRIPTION, MEASUREMENT AND CONFIGURATION ANALYSIS, ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY.

25X1D

THE RD-219 ENGINE IS A LIQUID BI-PROPELLANT ROCKET ENGINE WITH ONE SINGLE-STAGE TURBOPUMP ASSEMBLY AND TWO THRUST CHAMBERS. THE OVERALL ENGINE ASSEMBLY SIZE, INCLUDING THE THRUST CHAMBERS, THE TURBOPUMP ASSEMBLY, AND THE SUPPORT FRAMEWORK, IS [] IN DIAMETER BY [] IN HEIGHT.

25X1D

AF BIIR RFB22-5010-74 JUN 74 SEC CLASS: 04 MSN: 9P ACCN: S067724

25X1A

AIRCRAFT, SU-11 FISHPOT C UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE FISHPOT C, A LARGE DELTA-WING FIGHTER AIRCRAFT OF SUKHOI DESIGN. THE REPORT INCLUDES A BASIC DESCRIPTION, ARTIST'S CONCEPT, ORTHOGRAPHIC ENGINEERING DRAWINGS, AND PHOTOGRAPHY OF THE AIRCRAFT.

25X1D

THE FISHPOT C RETAINS THE SAME CONFIGURATION AS THE FISHPOT B EXCEPT FOR THE NOSE INLET DIAMETER WHICH HAS BEEN INCREASED FROM [] TO ACCOMMODATE AN ENLARGED CENTERBODY CONE FOR A LARGER RADAR ANTENNA. THE FISHPOT C HAS A FUSELAGE LENGTH OF [] A WINGSPAN OF [] AND IS EQUIPPED TO CARRY TWO ANAB AIR-TO-AIR MISSILES IN CONTRAST TO THE COMPLEMENT OF FOUR ALKALI AAMS COMMON TO THE FISHPOT B. THIS REPORT SUPERSEDES FTD BIIR RFB-22/5007/69, 69-TDDP-737, FISHPOT C, JUNE 1969.

25X1D

AF BIIR RFB22-5013-74 MAY 74 SEC CLASS: 04 MSN: 15P ACCN: S067725

25X1A

AIRCRAFT, TU-144 CHARGER B UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE CHARGER B (TU-144), A DOUBLE-DELTA-WING SUPERSONIC AIRLINER OF TUPOLEV DESIGN. THE REPORT INCLUDES A BASIC DESCRIPTION, ORTHOGRAPHIC ENGINEERING DRAWINGS, AND PHOTOGRAPHY OF THE AIRCRAFT.

25X1D

CHARGER B IS ASSESSED TO HAVE A FUSELAGE LENGTH OF [] AND A WINGSPAN OF [] THE AIRCRAFT INCORPORATES RETRACTABLE CANARD WINGS FOR ADDITIONAL STABILITY CONTROL DURING TAKEOFF AND LANDING. THE CHARGER B IS THE PRODUCTION VERSION OF THE CHARGER PROTOTYPE PREVIOUSLY REPORTED IN FTD BIIR

25X1D

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R-25-74

25X1

RFB-22/5029/69.

AF ENDR E1006-2-74 17 MAY 74 SEC CLASS: 04 MSN: 1P ACCN: S067726

AIRCRAFT, SU-11 FISHPOT C UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1A

AF REPT 4-74 29 MAY 74 SEC CLASS: 07 MSN: 2P ACCN: S067738

AIRCRAFT, MIG-23 FLOGGER C INLET + EFFLUX UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1A

AF ENDR D1009-74 13 JUN 74 SEC CLASS: 07 MSN: 1P ACCN: S067739

ELECTRONICS, ODD PAIR HEIGHT FINDING RADAR UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 25A COMIREX NO:

25X1A

NPIC REPT PIR039-74 JUN 74 SEC CLASS: 05 MSN: [] 6P ACCN: S067775

DAT THIT ARTILLERY BARRACKS AREA VN 191535N 1053523E
WAC NO : 0617 BE/OBJ NO [] NPIC NO : - 516-A
IDHS CODE [] EPF CAT : 35A COMIREX NO []

25X1A

25X1A

25X1A

DAT THIT ARTILLERY BARRACKS AREA WAS NEWLY IDENTIFIED ON PHOTOGRAPHY [] THE INSTALLATION IS IN THE NORTHERN PANHANDLE AREA OF NORTH VIETNAM. THE BARRACKS AREA CAN PROBABLY HOUSE A REGIMENT-SIZED UNIT. TWENTY-TWO FIELD ARTILLERY PIECES WERE OBSERVED, AND A LIMITED NUMBER OF ADDITIONAL ARTILLERY PIECES PROBABLY COULD BE STORED IN SMALL EQUIPMENT SHEDS. THE BARRACKS AREA IS COMPRISED OF SMALL COMPANY-SIZED BARRACKS AND SUPPORT AREAS THAT ARE SITUATED SEPARATELY THROUGHOUT THE INSTALLATION.

25X1D

NAVY BIIR RNG23-5021-74 MAY 74 SEC CLASS: 05 MSN: 15P ACCN: S067817

ELECTRONICS, TOP SAIL EW SHIPBORNE RADAR UR
WAC NO : BE/OBJ NO [] NPIC NO :
IDHS CODE: EPF CAT : 25I COMIREX NO:

25X1A

THIS REPORT CONTAINS A DETAILED, IMAGERY-DERIVED ANALYSIS OF THE TOP SAIL RADAR, AND PROVIDES CONCISE TEXTUAL AND GRAPHIC DESCRIPTIONS, RECOGNITION PHOTOGRAPHS OF THE RADAR, PHOTOGRAPHS OF SHIP CLASSES EQUIPPED WITH THE RADAR, AND PROVISIONAL SCALE DRAWINGS OF TOP SAIL AIR SEARCH/EARLY WARNING RADAR. THIS REPORT SUPERSEDES RNG-23/5012/70, TOP SAIL RADAR, DATED APRIL 1970.

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[REDACTED]

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25X1D

25X1D

25X1D

TOP SAIL IS AMONG THE LARGEST OF THE SOVIET SHIPBORNE RADARS, AND OCCUPIES THE TOPMOST POSITION ON EVERY UNIT OF THE THREE CLASSES CURRENTLY BEARING THE EQUIPMENT-MOSKVA CLASS CHG, KRESTA-II CLASS CLGM, AND KARA CLASS CLGM. THE RADAR MEASURES APPROXIMATELY [REDACTED] IN OVERALL HEIGHT, [REDACTED] IN OVERALL WIDTH, AND [REDACTED] IN OVERALL LENGTH. THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT [REDACTED]

25X1C

[REDACTED]

CIA INFR MD537-74 01 JUL 74 SEC CLASS: 05D MSN [REDACTED] 3P ACCN: 5067904 25X1D

25X1A

25X1A

25X1A

25X1A

25X1A

25X1A

| | |
|---|---------------------|
| CHINGTAO NAVAL ACTIVITY DD CLASS GORDYY IDENT | CH 3605//N 12020//E |
| WAC NO : 0381 | BE/OBJ NO : |
| IDHS CODE : | EPF CAT : 75 |
| HOSHANTING ELINT FACILITY ANTENNAS | CH 2207//N 11248//E |
| WAC NO : 0615 | BE/OBJ NO : |
| IDHS CODE : | EPF CAT : 25A |
| TUNGCHINGSHAN ELINT FACILITY ANTENNAS | CH 2525//N 11938//E |
| WAC NO : 0499 | BE/OBJ NO : |
| IDHS CODE : | EPF CAT : 25A |
| CHANGTZUTAO COASTAL DEFENSE SITE 1 PUG | CH 390100N 1224350E |
| WAC NO : 0381 | BE/OBJ NO : |
| IDHS CODE : | EPF CAT : 35D |
| CHANGTZUTAO COASTAL DEFENSE SITE 2 PUG | CH 390035N 1224510E |
| WAC NO : 0381 | BE/OBJ NO : |
| IDHS CODE : | EPF CAT : 35D |
| WUMANGTAO COASTAL DEFENSE SITE 2 PUG | CH 391502N 1230015E |
| WAC NO : 0380 | BE/OBJ NO : |
| IDHS CODE : | EPF CAT : 35D |
| HAIYANGTAO COASTAL DEFENSE SITE PUG | CH 3903//N 12308//E |

25X1A

112
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[REDACTED]

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25X1

25X1A

25X1A

WAC NO : 0380 BE/OBJ NO [] NPIC NO : - 78-B
 IDHS CODE [] EPF CAT : 35D COMIREX NO:
 SHATOUTZU CSA-1 SITE CH 4248//N 13016//E
 WAC NO : 0290 BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 40C COMIREX NO:
 LUTA OIL DRILLING PLATFORM U/C CH 3855//N 12138//E
 WAC NO : 0381 BE/OBJ NO: NPIC NO :
 IDHS CODE: EPF CAT : 30A COMIREX NO:

ARMY BIIR RAC24-5011-74 JUN 74 SEC CLASS: 04 MSN: 7P ACCN: S067935

25X1A

MILITARY, MDK-2 DITCHING MACHINE UR
 WAC NO : BE/OBJ NO [] NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:

25X1A

MILITARY, MDK-2M DITCHING MACHINE UR
 WAC NO : BE/OBJ NO [] NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:

THE MDK 2 AND MDK-2M DITCHING MACHINES ARE ASSOCIATED WITH COMBAT ENGINEERS OF THE WARSAW PACT COUNTRIES. THESE MACHINES ARE HIGH-SPEED, ROTARY EXCAVATORS MOUNTED ON THE REAR OF THE AT-T HEAVY TRACKED ARTILLERY TRACTOR CHASSIS. THE MDK 2 WAS FIRST PRODUCED IN THE USSR IN 1965 AND IS NOW BEING USED THROUGHOUT THE COMMUNIST COUNTRIES OF EUROPE. THE MDK-2M WAS REPORTED [] AND IS USED MAINLY BY SOVIET FORCES. THE EXACT DIFFERENCE BETWEEN THE TWO HAS NOT YET BEEN DETERMINED. THIS REPORT IS A DETAILED DESCRIPTION AND INCLUDES ANNOTATED PHOTOGRAPHS, DIMENSIONS, AND A PHYSICAL DESCRIPTION DERIVED FROM

25X1D

25X1B

IMAGERY, [] AND OTHER COLLATERAL MATERIAL, []

25X1D

THE INFORMATION IN THIS REPORT IS CURRENT []

NAVY BIIR RRG23-5022-74 MAY 74 SEC CLASS: 05 MSN: 15P ACCN: S067936

25X1A

NAVAL, ADMG-630 GATLING GUN MOUNT SIX BARREL UR
 WAC NO : BE/OBJ NO [] NPIC NO :
 IDHS CODE: EPF CAT : 75H COMIREX NO:

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF THE SIX-BARREL GATLING GUN MOUNT FIRST OBSERVED ABOARD THE KRESTA-II CLASS CLGM. ANALYSIS IS BASED ON GROUND AND AERIAL PHOTOGRAPHY. THIS REPORT INCLUDES PROVISIONAL SCALE DRAWINGS, AND ANNOTATED CLOSE-UP PHOTOGRAPHS OF THE SHIP CLASSES WHICH CARRY THE MOUNT AND ASSOCIATED SENSORS. CHARACTERISTICS OF THE MOUNT INCLUDE ITS CONICAL FRUSTUM BARBETTE, UNIQUELY SHAPED GUN HOUSE, AND LARGE-DIAMETER, BARREL-COOLING JACKET.
 THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT []

25X1D

NAVY BIIR RRG23-5023-74 JUN 74 SEC CLASS: 05 MSN: 13P ACCN: S067978

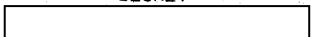
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25X1A SHIPS, PGM CLASS HAIKOU CH
 WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :
 IDHS CODE: EPF CAT : 75D COMIREX NO:
 25X1A SHIPS, PGM CLASS HAIKOU VARIANT CH
 WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :
 IDHS CODE: EPF CAT : 75D COMIREX NO:

THIS REPORT PROVIDES AN IMAGERY-DERIVED ANALYSIS OF THE PEOPLES REPUBLIC OF CHINA (PRC) HAIKOU AND HAIKOU VARIANT CLASS PGM AND SUPERSEDES RRG-23/5007/71, HAIKOU CLASS PGM OF NOVEMBER 1970. THIS REPORT INCLUDES A BASIC DESCRIPTION OF THE CLASS, DIMENSIONAL CHARACTERISTICS, ELECTRONIC AND ARMAMENT INVENTORIES, RECOGNITION PHOTOGRAPHS, AND PROVISIONAL SCALE DRAWINGS OF THE HAIKOU AND HAIKOU VARIANT CLASS PGM. THE TWO VERSIONS OF THE HAIKOU CLASS PGM WERE PROBABLY DESIGNED AND PRODUCED IN THE SHANGHAI AREA. CURRENTLY, UNITS OF BOTH TYPES ARE OPERATIONAL IN THE THREE NAVAL FLEET AREAS OF THE PRC. THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT [REDACTED]

25X1D

NAVY BIIR RRG23-5020-74 JUN 74 SEC CLASS: 07 MSN: 14P ACCN: S068161

25X1A SHIPS, DDGS CLASS KILDIN UR
 WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :
 IDHS CODE: EPF CAT : 75D COMIREX NO:
 25X1A SHIPS, DDGS CLASS KILDIN MODIFIED UR
 WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :
 IDHS CODE: EPF CAT : 75D COMIREX NO:

THIS REPORT PROVIDES AN ANALYSIS OF THE KILDIN AND MODIFIED KILDIN CLASS SURFACE-TO-SURFACE GUIDED MISSILE DESTROYERS (DDGS) DERIVED FROM AVAILABLE HIGH-RESOLUTION, HAND-HELD IMAGERY. THIS IMAGERY PROVIDED THE BASIS FOR THE DIMENSIONAL AND CONFIGURATIONAL ANALYSIS, PROVISIONAL SCALE DRAWINGS, AND EQUIPMENT INVENTORIES INCLUDED IN THIS REPORT. THIS REPORT SUPERSEDES RRG-23/5006/69, KILDIN CLASS DDGS, DATED OCTOBER 1969. THE SOVIETS ORIGINALLY CONSTRUCTED FOUR KILDIN CLASS DDGS UNITS, THREE OF WHICH HAVE BEEN, OR ARE BEING, CONVERTED TO MODIFIED KILDIN CLASS DDGS UNITS. BOTH CLASSES USE THE BASIC [REDACTED] KOTLIN CLASS DD HULL. THE STANDARD KILDIN FEATURES THE OLD SS-N-1 MISSILE SYSTEM AFT, WHEREAS THE MODIFIED KILDIN FEATURES TWO 76-MM, DP GUNS AND FOUR AFT-FIRING OSA-II TYPE LAUNCHERS AFT. THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT [REDACTED]

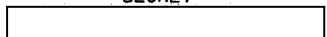
25X1D

AF ENDR C1011-74 19 JUN 74 SEC CLASS: 07 MSN: 1P ACCN: S068185

25X1A ELECTRONICS, SCORE BOARD B UR
 WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :
 IDHS CODE: EPF CAT : 25A COMIREX NO:

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AF ENDR D1008-74 21 JUN 74 SEC CLASS: 04 MSN: 1P ACCN: S068186
25X1A MISSILES, SSC-2A BE/OBJ NO: UR
WAC NO : NPIC NO :
IDHS CODE: EPF CAT : 40K COMIREX NO:



115
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25X1

Approved For Release 2003/05/15 : CIA-RDP78B04560A007400010035-6

25X1C

Approved For Release 2003/05/15 : CIA-RDP78B04560A007400010035-6

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25X6

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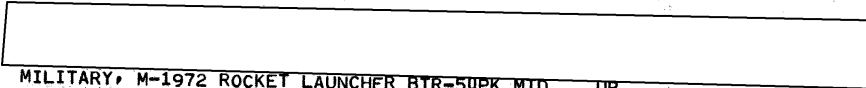
52-74

25 JUN 74

SEC CLASS: 05B MSN:

8P

ACCN: S068202

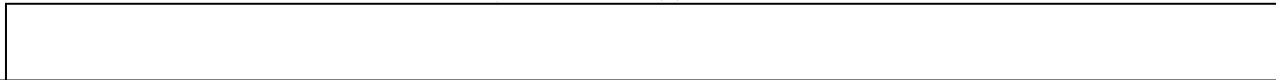


MILITARY, M-1972 ROCKET LAUNCHER BTR-50PK MID UR
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:
 MILITARY, BTR-50PK MINE CLEARER UR
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:

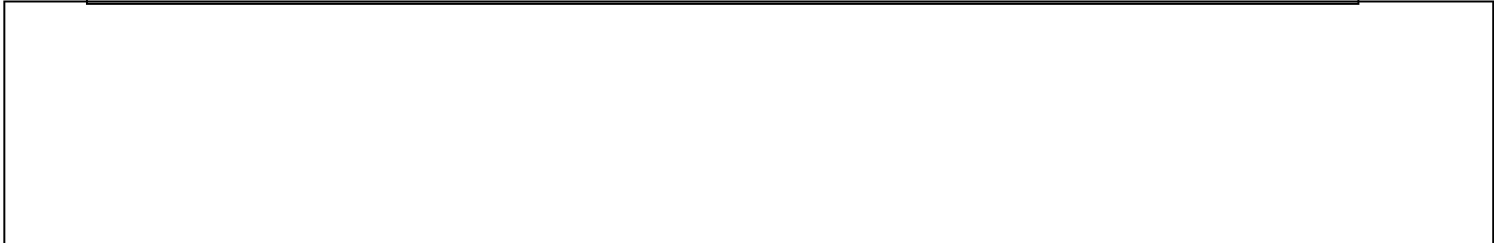
25X1A

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NAVY BIIR RN623-5024-74

JUL 74

SEC CLASS: 07 MSN:

11P

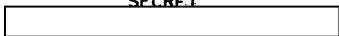
ACCN: S068218

ELECTRONICS, DON KAY RADAR SURFACE SRCH/NAVG UR
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE: EPF CAT : 25I COMIREX NO:

25X1A

THIS REPORT CONTAINS A DETAILED, IMAGERY-DERIVED ANALYSIS OF DON KAY NAVIGATION AND SURFACE SEARCH

117
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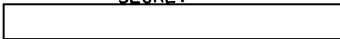


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25X1D

RADAR, BASED ON AVAILABLE GROUND AND AERIAL PHOTOGRAPHY. IT INCLUDES PROVISIONAL SCALE DRAWINGS, SELECTED RECOGNITION PHOTOGRAPHS OF DON KAY, AND PHOTOGRAPHS OF THE 13 SOVIET SHIP TYPES CURRENTLY FITTED WITH THE RADAR. THE SOLID, TRUNCATED PARABOLIC REFLECTOR [REDACTED] WIDE AND [REDACTED] HIGH. THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT [REDACTED]

ARMY BIIR RAC24-5004-75 JUL 74 SEC CLASS: 04 MSN: 7P ACCN: S068386

25X1A ELECTRONICS, COIN GRASS UHF ANTENNA [REDACTED] UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 25D COMIREX NO:

25X1A ELECTRONICS, R-405 RADIO RELAY EQUIPMENT [REDACTED] UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 25D COMIREX NO:

25X1A ELECTRONICS, R-401/401M RADIO RELAY EQUIPMENT [REDACTED] UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 25D COMIREX NO:

25X1D THIS REPORT, BASED ON GROUND AND LOW OVERHEAD IMAGERY, INTELLIGENCE REPORTS, AND DOCUMENTS, PROVIDES A DESCRIPTION OF THE R-405 GROUND MOBILE UHF TRANSCEIVER AND ITS ANTENNA COIN GRASS. INCLUDED ARE A PHYSICAL AND FUNCTIONAL DESCRIPTION, ANNOTATED PHOTOGRAPHS, AND APPROXIMATE DIMENSIONS. THE INFORMATION IS CURRENT [REDACTED]

ARMY BIIB BAC24-5001-75 AUG 74 SEC CLASS: 07 MSN: 2P ACCN: S068387

25X1A MILITARY, M-1966 PACK HOWITZER 76MM [REDACTED] UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

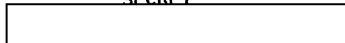
25X1D THIS BRIEF DESCRIBES THE SOVIET 76 MM PACK HOWITZER M1966. THE HOWITZER HAS A SINGLE TUBE AND A CARRIAGE THAT UTILIZES A TORSION-BAR SUSPENSION SYSTEM WITH SINGLE WHEELS. THE BRIEF INCLUDES AN INTRODUCTION, A BASIC DESCRIPTION OF THE WEAPON, AND GROUND PHOTOGRAPHS. THIS INFORMATION IS CURRENT [REDACTED]

ARMY BIIR RAC24-5005-75 JUL 74 SEC CLASS: 05A MSN: 7P ACCN: S068426

25X1A MILITARY, BMD AIRBORNE AMPHIBIOUS COMBAT VEH [REDACTED] UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

25X1D THIS REPORT, BASED ON GROUND PHOTOGRAPHY AND COLLATERAL REPORTS, DESCRIBES THE BMD AIRBORNE AMPHIBIOUS COMBAT VEHICLE, PREVIOUSLY REFERRED TO AS THE M-1970 LIGHT TANK AND THE AIRBORNE AMPHIBIOUS COMBAT VEHICLE (AACV) M-1970. THIS INFORMATION IS CURRENT [REDACTED]

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ARMY BIIR RAC24-5003-75 JUL 74 SEC CLASS: 05A MSN: 5P ACCN: S068427

25X1A ELECTRONICS, BRICK ROUND ECM EQUIPMENT DF [] UR
 WAC NO : BE/OBJ NO [] NPIC NO :
 IDHS CODE: EPF CAT : 25 COMIREX NO:

25X1A ELECTRONICS, BRICK SQUARE INTERCEPT DF [] UR
 WAC NO : BE/OBJ NO [] NPIC NO :
 IDHS CODE: EPF CAT : 25 COMIREX NO:

25X1A ELECTRONICS, BOX BRICK ECM EQUIPMENT DF [] UR
 WAC NO : BE/OBJ NO [] NPIC NO :
 IDHS CODE: EPF CAT : 25 COMIREX NO:

25X1A ELECTRONICS, CHEESE BRICK ECM EQUIPMENT DF [] UR
 WAC NO : BE/OBJ NO [] NPIC NO :
 IDHS CODE: EPF CAT : 25 COMIREX NO:

THIS REPORT, BASED ON GROUND IMAGERY, INTELLIGENCE REPORTS, AND DOCUMENTS, PROVIDES A DESCRIPTION OF THE BRICK ROUND AND BRICK SQUARE ECM RECEIVING EQUIPMENT. THE INFORMATION IS CURRENT []

25X1D

ARMY BIIR RAC24-5002-75 JUL 74 SEC CLASS: 05 MSN: 5P ACCN: S068436

25X1A ELECTRONICS, SPIKE SQUARE VHF DF MOBILE [] UR
 WAC NO : BE/OBJ NO [] NPIC NO :
 IDHS CODE: EPF CAT : 25A COMIREX NO:

25X1A MILITARY, ZIL-157 VAN [] UR
 WAC NO : BE/OBJ NO [] NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:

THE SOVIET-MANUFACTURED SPIKE SQUARE IS A RADIO DIRECTION FINDER WHICH OPERATES IN THE LOW VHF BAND. THE SPIKE SQUARE IS A MOBILE, TRUCK-MOUNTED UNIT, EASILY RECOGNIZED BY THE MULTIPLE-H ADCOCK ANTENNA ARRAY, AND THE BOX-BODIED ZIL-157 VAN (USAREUR 312). INCLUDED IN THIS REPORT ARE ANNOTATED PHOTOGRAPHS, DETAILED LINE DRAWINGS WITH DIMENSIONS, A BASIC DESCRIPTION AND A LIST OF IMAGERY AND DOCUMENTS USED. THIS INFORMATION IS CURRENT []

25X1D AF ENDR B1013-74 24 JUL 74 SEC CLASS: 05 MSN: 1P ACCN: S068482

25X1A MISSILES, AS-5 [] UR
 WAC NO : BE/OBJ NO [] NPIC NO :
 IDHS CODE: EPF CAT : 40J COMIREX NO:

25X6

119
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25X6

[Redacted]

25X2

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AF REPT 5-74 05 AUG 74 SEC CLASS: 07 MSN: 2P ACCN: S068597

25X1A

AIRCRAFT: TU-154 CARELESS ENGINE NACELLES UR
WAC NO : BE/OBJ NO [Redacted] NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

AF ENDR E1007-74 11 JUN 74 SEC CLASS: 04 MSN: 1P ACCN: S068599

25X1A

AIRCRAFT: SU-15 FLAGON D UR
WAC NO : BE/OBJ NO [Redacted] NPIC NO :

120
SECRET

[Redacted]

25X1

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25X1

| | | | | | | |
|---------|--------------------------|--------------------|---------------|------|----|---------------|
| | IDHS CODE: | EPF CAT : 05D | COMIREX NO: | | | |
| AF | ENDR | E1012-74 03 JUL 74 | SEC CLASS: 04 | MSN: | 1P | ACCN: S068600 |
| • 25X1A | AIRCRAFT: SU-15 FLAGON E | | UR | | | |
| | WAC NO : | BE/OBJ NO [] | NPIC NO : | | | |
| | IDHS CODE: | EPF CAT : 05D | COMIREX NO: | | | |
| AF | ENDR | E1010-74 24 JUN 74 | SEC CLASS: 07 | MSN: | 1P | ACCN: S068601 |
| | AIRCRAFT: SU-20 FITTER C | | UR | | | |
| | WAC NO : | BE/OBJ NO: | NPIC NO : | | | |
| | IDHS CODE: | EPF CAT : 05D | COMIREX NO: | | | |

25X1C



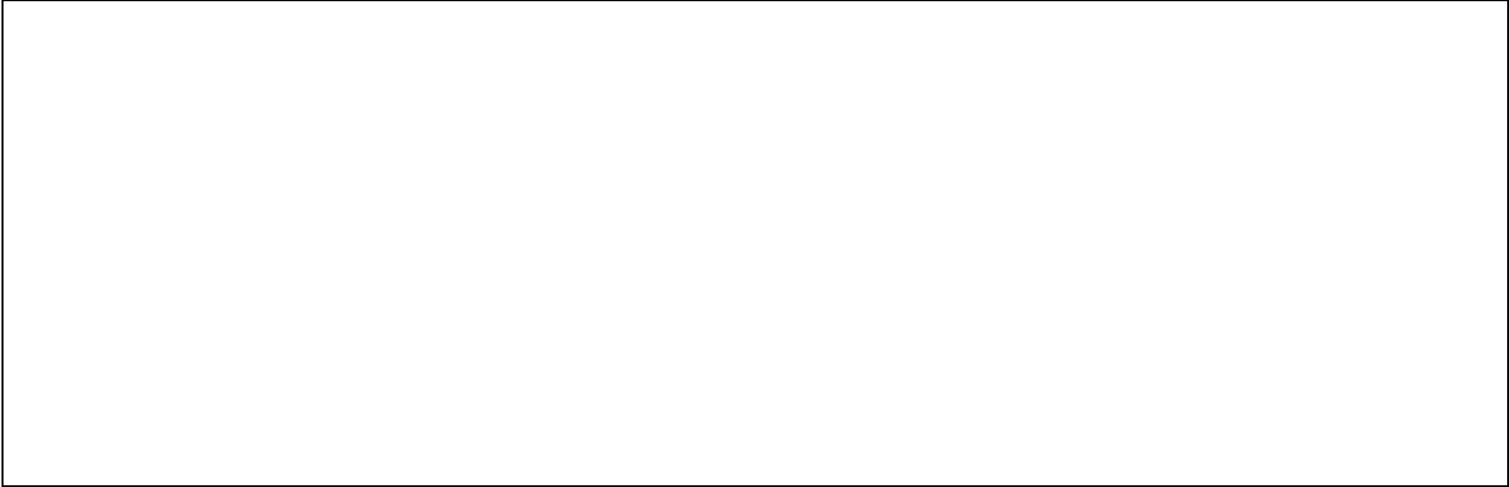
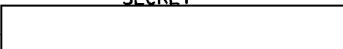
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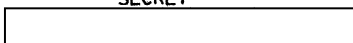
25X1C

ARMY BIIR RAC24-5006-75 JUL 74 SEC CLASS: 05B MSN: 10P ACCN: S068771

25X1A ELECTRONICS, FULL HOUSE COMMO INTERCEPT/DF UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 25 COMIREX NO:
25X1A ELECTRONICS, SQUARE FOUR COMMO INTERCEPT/DF UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 25 COMIREX NO:
25X1A ELECTRONICS, TALL RODS COMMO INTERCEPT/DF UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 25 COMIREX NO:
25X1A MILITARY, ZIL-157 RCVR VAN FULL HOUSE ASSOC UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

THE SOVIET FULL HOUSE IS A COMMUNICATIONS-INTERCEPT, DIRECTION-FINDING SYSTEM FOR THE MF/HF BANDS. IT CONSISTS OF A COMBINATION OF THE SQUARE FOUR AND TALL RODS ANTENNA SYSTEMS CABLE-CONNECTED TO A

122
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BOX-BODIED, ZIL-157 RECEIVER VAN LOCATED MIDWAY BETWEEN THEM. ALTHOUGH FULL HOUSE IS STATIC WHEN OPERATIONAL, IT IS CONSIDERED TO BE A MOBILE SYSTEM DUE TO THE EASE OF TRANSPORT. THE INFORMATION IS CURRENT [REDACTED]

ARMY BIIR RAC24-5001-75 JUL 74 SEC CLASS: 08M MSN: 8P ACCN: S068772

25X1A

SHIPS, BMK-T TUGBOAT/PUSHER UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:

25X1A

MILITARY, KRAZ-214 TRUCK BMK-T MOUNTED UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

25X1A

MILITARY, KRAZ-255B TRUCK BMK-T MOUNTED UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

25X1D

THIS REPORT DESCRIBES THE SOVIET BMK-T POWER BOAT TUG/PUSHER. IT INCLUDES AN INTRODUCTION, BASIC DESCRIPTION, ANNOTATED PHOTOGRAPHY, AND A LINE DRAWING SHOWING DIMENSIONS OF THE BMK-T. INFORMATION IS CURRENT [REDACTED]

NAVY BIIR RNG23-5002-75 AUG 74 SEC CLASS: 04 MSN: 10P ACCN: S068773

25X1A

NAVAL, ASW RBU-4500 ROCKET LAUNCHER UR
WAC NO : BE/OBJ NO [REDACTED] NPIC NO :
IDHS CODE: EPF CAT : 75H COMIREX NO:

25X1D

THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF THE RBU-4500, A SIX-TUBE, MANUALLY LOADED ANTISUBMARINE ROCKET LAUNCHER.

25X1D

THE REPORT IS BASED ON GROUND AND AERIAL PHOTOGRAPHY AND INCLUDES BASIC CHARACTERISTICS, PROVISIONAL SCALE DRAWINGS, AND SELECTED PHOTOGRAPHS OF THE LAUNCHER AND THE PLATFORM ON WHICH IT IS MOUNTED. RBU-4500 HAS SIX TUBES WHICH ARE [REDACTED] IN LENGTH, EXCLUDING FIRING CONTACTS. THE MAXIMUM WIDTH OF THE MOUNT IS [REDACTED] WITH A MAXIMUM HEIGHT OF [REDACTED]

THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT [REDACTED]

25X1D
25X1D

25X2

123
SECRET

25X1

SECRET

R-25-74

25X1

25X2



AF BIIR RFB22-5001-75 AUG 74 SEC CLASS: 04 MSN: 7P ACCN: S069118

25X1A

AIRCRAFT, SU-15 FLAGON D UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE FLAGON D (SU-15), A TWIN-ENGINE, MODIFIED-DELTA-WING, SINGLE-PLACE FIGHTER AIRCRAFT DESIGNED BY THE P.O. SUKHOI SPECIAL DESIGN BUREAU (OKB). THE REPORT INCLUDES A BASIC DESCRIPTION, ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY OF THE AIRCRAFT.

25X1D

THE FLAGON D IS AN ALL-WEATHER JET INTERCEPTOR EMPLOYING TWO ANAB (AA-3) AIR-TO-AIR MISSILES AS ITS SOLE ARMAMENT. THE FLAGON D HAS A FUSELAGE LENGTH OF [REDACTED] AND A WINGSPAN OF [REDACTED]

25X1D

AF BIIR RFB22-5002-75 AUG 74 SEC CLASS: 04 MSN: 11P ACCN: S069119

25X1A

AIRCRAFT, SU-15 FLAGON E UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE FLAGON E (SU-15), A TWIN-ENGINE, MODIFIED-DELTA-WING, SINGLE-PLACE FIGHTER AIRCRAFT DESIGNED BY THE P.O. SUKHOI SPECIAL DESIGN BUREAU (OKB). THE REPORT INCLUDES A BASIC DESCRIPTION, ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY OF THE AIRCRAFT.

25X1D

THE FLAGON E IS AN ALL-WEATHER JET INTERCEPTOR EMPLOYING TWO ANAB (AA-3) AIR-TO-AIR MISSILES AS ITS SOLE ARMAMENT. THIS AIRCRAFT HAS A FUSELAGE LENGTH OF [REDACTED] AND A WINGSPAN OF [REDACTED]

25X1D

AF BIIR RFB22-5003-75 SEP 74 SEC CLASS: 04 MSN: 13P ACCN: S069120

25X1A

AIRCRAFT, MIG-21 FISHBED L UR
WAC NO : BE/OBJ NO : NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE FISHBED L, A SINGLE-PLACE, SINGLE-ENGINE, DELTA-WING FIGHTER/INTERCEPTOR OF MIKOYAN DESIGN. THE REPORT INCLUDES A BASIC DESCRIPTION, ORTHOGRAPHIC ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY OF THE AIRCRAFT.

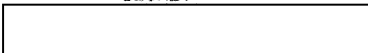
25X1D

THE FISHBED L HAS A FUSELAGE LENGTH OF [REDACTED] AND A WINGSPAN OF [REDACTED]

25X1D

AF BIIR RFB22-5004-75 SEP 74 SEC CLASS: 04 MSN: 11P ACCN: S069121

124
SECRET

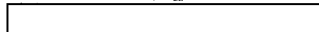


25X1

SECRET

R-25-74

25X1



25X1A

SPACE, PROGNOZ 2
WAC NO :
IDHS CODE:

BE/OBJ NO [redacted] UR
EPF CAT : 40H NPIC NO :
COMIREX NO:

THIS REPORT PRESENTS A PHOTOGRAPHIC ANALYSIS OF THE PROGNOZ 2 SATELLITE. IT INCLUDES A BASIC DESCRIPTION, MENSURAL AND CONFIGURAL ANALYSIS, ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY.

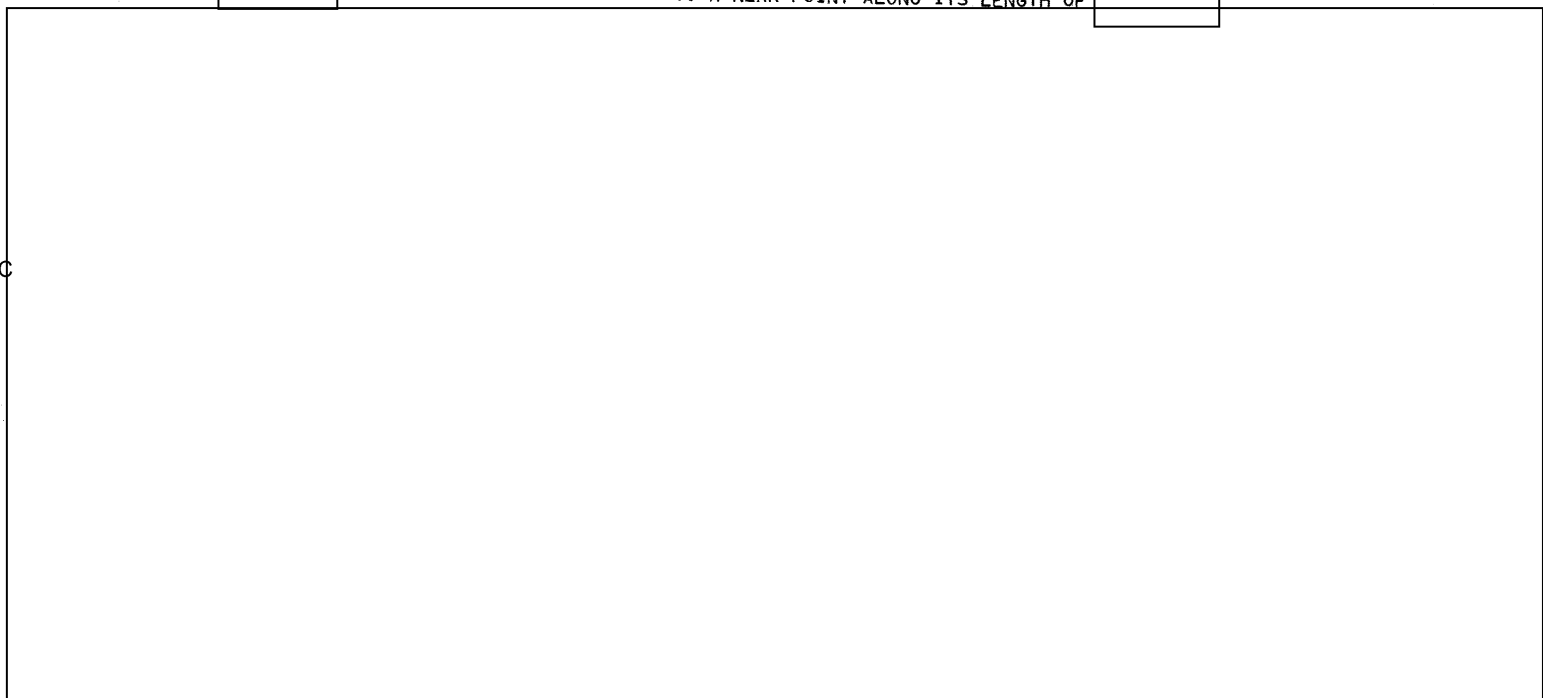
25X1D

25X1D

THE PROGNOZ 2 SATELLITE IS CONFIGURED AS A SHORT CYLINDER WITH FOUR TRIANGULAR SOLAR PANELS DEPLOYED IN A CRUCIFORM PATTERN. THE CYLINDRICAL BODY IS BASICALLY [redacted] IN DIAMETER BY [redacted] LONG. EACH SOLAR PANEL IS [redacted] WIDE AT ITS BASE AND TAPERS TO A NEAR POINT ALONG ITS LENGTH OF [redacted]

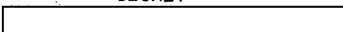
25X1D

25X1D



25X1C

125
SECRET



25X1

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