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PHOTOGRAPHIC
INTERPRETATION
REPORT

NPIC/R-1650/64

December 1964

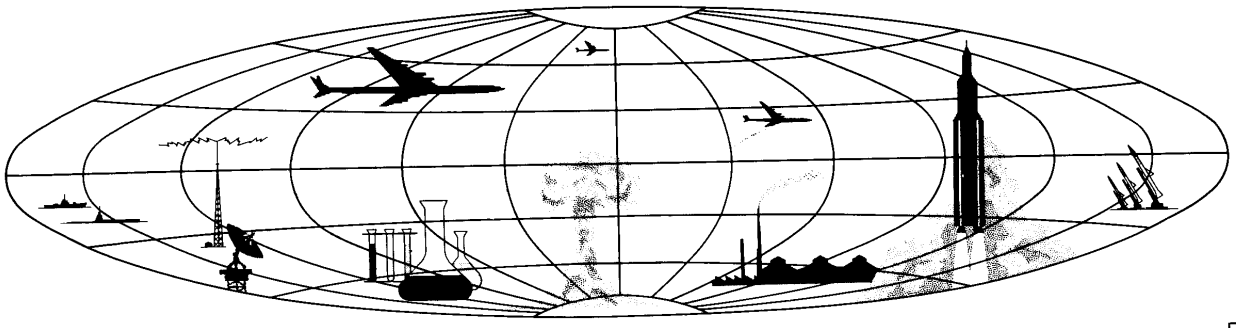
MISSION COVERAGE INDEX

MISSION RB 10-01, 9 OCTOBER 1964
MISSION RB 10-09, 22 OCTOBER 1964
MISSION RB 10-10, 23 OCTOBER 1964

CIA

DIA

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GROUP 1
Excluded from automatic
downgrading and declassification

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PREFACE

THIS MISSION COVERAGE INDEX (MCI) LISTS THE INTELLIGENCE TARGETS IMAGED ON THE PHOTOGRAPHY OF RUNNING BEAR MISSIONS 10-01, 9 OCTOBER 1964, 10-09, 22 OCTOBER 1964 AND 10-10, 23 OCTOBER 1964.

THIS MCI IS DIVIDED INTO TWO SECTIONS --

SECTION I PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

SECTION II PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

TARGETS IN EACH SECTION ARE ARRANGED 1) BY COUNTRY, 2) WITHIN THE COUNTRY ACCORDING TO SUBJECT, 3) WITHIN THE SUBJECT BY WAC AREA, AND 4) WITHIN THE WAC AREA BY GEOGRAPHIC COORDINATES IN ASCENDING ORDER. AN EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES USED IN PRESENTING THE INFORMATION IS CONTAINED IN THE APPENDIX. THE MAP BASE USED (WHEN AVAILABLE) FOR THE DERIVATION OF COORDINATES IN THIS MCI IS THE LATEST EDITION OF THE AMS SERIES Z901, SCALE 1/200,000.

THE USER OF THIS MCI IS CAUTIONED THAT THE SCAN OF PHOTOGRAPHY WAS ACCOMPLISHED IN A RELATIVELY SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL

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TECHNIQUES COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, ADDITIONAL, DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

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SECTION I

THIS SECTION PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
-CONGO (LEOPOLDVILLE)-				
AIR INSTALLATIONS			25X1A	
KITONA AIRFIELD 3.0 NM NORTH OF KITONA. 7,900 X 150 FT NE/SW ASPHALT/CONCRETE SERVICEABLE RUNWAY WITH A PARALLEL TAXIWAY. FACILITIES -- A LARGE PARKING AREA, CONTROL/OPERATIONS BUILDING, SEVERAL MAINTENANCE BUILDINGS, AND ONE LARGE DOUBLE-BAY HANGAR UNDER CONSTRUCTION. AIRCRAFT -- ONE UNIDENTIFIED HELICOPTER. INCOMPLETE PHOTOGRAPHIC COVERAGE. [redacted]	0554S 01226E	1027	[redacted]	28
MOANDA AIRFIELD 0.5 NM NORTH OF MOANDA AND 5 MILES NNW OF BANANA. 4,855 X 100 FT NE/SW ASPHALT SERVICEABLE RUNWAY, ONE CONCRETE PARKING APRON, AND ONE ASPHALT LINK TAXIWAY. FACILITIES -- ONE HANGAR/OPERATIONS BUILDING. AIRCRAFT -- ONE DC-3 ON PARKING APRON. [redacted]	0555S 01221E	1027	[redacted]	2-A
TSHIKAPA AIRFIELD JUST SOUTH OF TSHIKAPA. 5,300 X 100 FT NNW/SSE GRADED EARTH RUNWAY, SERVICEABLE.	0626S 02047E	1028	[redacted]	1

25X1A
25X1D

25X1A
25X1D

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
FACILITIES -- ONE PARKING APRON, A TERMINAL BUILDING, AN ADMINISTRATION BUILDING/QUARTERS, AND ONE SMALL BUILDING. NO AIRCRAFT OBSERVED. 25X1A [redacted] 25X1D [redacted]				
KONGOLO AIRFIELD ON SOUTHERN EDGE OF KONGOLO AND APPROXIMATELY 1.0 NM WEST OF LUALABA RIVER. 5,650 X 130 FT WNW/ESE GRAVEL RUNWAY, SERVICEABLE. FACILITIES -- ONE ADMINISTRATION BUILDING AND ONE PROBABLE MAINTENANCE BUILDING/HANGAR. NO AIRCRAFT OBSERVED. 25X1A [redacted] 25X1D [redacted]	0524S 02700E	1029	25X1A [redacted]	3
MANONO AIRFIELD 1.0 NM NORTH OF MANONO. 4,600 X 50 FT EAST/WEST HARD SURFACE RUNWAY, SERVICEABLE. FACILITIES -- ONE ADMINISTRATION/CONTROL BUILDING, ONE PROBABLE MAINTENANCE BUILDING, 3 STORAGE BUILDINGS, ONE OTHER BUILDING AND ONE UNDERGROUND PROBABLE POL STORAGE AREA WITH PUMPING FACILITIES. NO AIRCRAFT OBSERVED. 25X1A [redacted] 25X1D [redacted]	0717S 02723E	1029	[redacted]	1
BADOUINVILLE/MOBA AIRFIELD 4.0 NM SSW OF MOBA.	0706S 02944E	1030	[redacted]	7

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
ONE NE/SW GRADED EARTH RUNWAY, DIMENSIONS UNDETERMINED, APPEARS SERVICEABLE. NO FACILITIES OR AIRCRAFT OBSERVED. 25X1A INCOMPLETE PHOTOGRAPHIC COVERAGE. 25X1D [redacted]			25X1A	
KAMUPINI AIRFIELD 10 NM SOUTH OF LUKALANGA. ONE NNE/SSW SOD RUNWAY, DIMENSIONS UNDETERMINED, SERVICEABLE FOR LIGHT AIRCRAFT. NO FACILITIES OR AIRCRAFT OBSERVED. INCOMPLETE PHOTOGRAPHIC COVERAGE. 25X1D [redacted]	0729S 02944E	1030	[redacted]	12
PEPA AIRFIELD 1.5 NM WSW OF PEPA. TWO RUNWAYS, NORTH/SOUTH AND NNE/SSW, DIMENSIONS UNDETERMINED, BOTH GRADED EARTH AND SERVICEABLE. FACILITIES -- ONE ADMINISTRATION BUILDING/ HANGAR. NO AIRCRAFT OBSERVED. 25X1A SCALE VARIATION LIMITS INTERPRETATION. 25X1D [redacted]	0742S 02949E	1030	[redacted]	11
KOLWEZI AIRFIELD NORTH AT THE NORTHERN EDGE OF KOLWEZI. 4,000 X 165 FT EAST/WEST GRADED EARTH RUNWAY, APPEARS UNSERVICEABLE.	1042S 02528E	1055	[redacted]	2-B

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
25X1A NO FACILITIES OR AIRCRAFT OBSERVED. [redacted] 25X1D [redacted]			25X1A	
KOLWEZI AIRFIELD 3 NM SSE OF KOLWEZI. 5,800 X 200 FT WNW/ESE ASPHALT RUNWAY, SERVICEABLE, AND AN ASPHALT TAXIWAY CONNECTING A 330 X 200-FT TERMINAL APRON. FACILITIES -- ONE OPERATIONS/TERMINAL BUILDING, AND 2 MAINTENANCE BUILDINGS. 25X1A NO AIRCRAFT OBSERVED. 25X1D [redacted]	1045S 02530E	1055	[redacted]	2-A
ELISABETHVILLE AIRFIELD NORTH 2.5 NM NORTH OF ELISABETHVILLE. 5,900 X 165 FT NW/SE ASPHALT SERVICEABLE RUNWAY AND ONE CONCRETE PARKING APRON, 105,000 SQ FEET. FACILITIES -- ONE ADMINISTRATION/CONTROL BUILDING, ONE HANGAR/MAINTENANCE BUILDING, ONE STORAGE BUILDING AND 2 OTHER BUILDINGS. TWO ARMORED SCOUT CARS, 5 AAA PIECES, ONE PROBABLE AAA PIECE AND AT LEAST 2 OTHER VEHICLES OR PIECES OF EQUIPMENT OBSERVED ON NORTH SIDE NEAR THE NW END OF RUNWAY. TWO STEAMROLLERS AND ONE OTHER VEHICLE LOCATED ON SE END OF RUNWAY. 25X1A NO AIRCRAFT OBSERVED. 25X1D [redacted]	1137S 02729E	1055	[redacted]	6-B

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
			25X1A	
KISENGE AIRFIELD 1.2 NM NW OF KISENGE. 4,600 X 60 FT WNW/ESE, PROBABLE GRAVEL RUNWAY, SERVICEABLE. FACILITIES -- ONE SMALL TERMINAL BUILDING. 25X1A NO AIRCRAFT OBSERVED. 25X1D [redacted]	1040S 02310E	1056	[redacted]	5
MILITARY INSTALLATIONS				
KITONA ARMY BARRACKS 4.6 NM NNW OF KITONA. INSTALLATION CONTAINS AT LEAST 135 BUILDINGS. OBLIQUITY LIMITS INTERPRETATION. 25X1D [redacted]	0553S 01226E	1027	[redacted]	28-A
MATADI ARMY BARRACKS CAMP REDJAF IN THE SOUTHERN SECTION OF MATADI. CAMP CONTAINS 13 BARRACKS, 8 STORAGE BUILDINGS, 2 ADMINISTRATION BUILDINGS, A MOTOR POOL WITH A LARGE GARAGE, 7 ASSOCIATED BUILDINGS, PERSONNEL HOUSING, RADIO STATION, AND AN ATHLETIC FIELD. AN OCCUPIED MEDIUM 4-GUN AAA SITE IS LOCATED AT THE SW EDGE OF THE POST. THE CONTROL BUNKER 25X1A IS UNOCCUPIED. 25X1D [redacted]	0550S 01327E	1027	[redacted]	5-E
ELISABETHVILLE ARMY CAMP NORTH JUST SOUTH OF THE ELISABETHVILLE NORTH AIRFIELD AND JUST WEST OF THE RACE TRACK. CAMP CONTAINS 5 BARRACKS-TYPE BUILDINGS,	1136S 02729E	1055	[redacted]	6-E

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	Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
	ONE ADMINISTRATION BUILDING, 5 LARGE PROBABLE STORAGE BUILDINGS AND 15 OTHER BUILDINGS.				
25X1A	[redacted]				
25X1D	[redacted]			25X1A	
	ELISABETHVILLE ARMY BARRACKS CAMP MASSART JUST SOUTH OF THE RAIL REPAIR SHOP IN ELISABETHVILLE. CAMP CONTAINS 31 BARRACKS, 50 QUARTERS (6 UNDER CONSTRUCTION), 3 ADMINISTRATION BUILDINGS (ONE H-SHAPED AND 2 C-SHAPED), 22 STORAGE BUILDINGS (5 UNDER CONSTRUCTION), 31 SUPPORT BUILDINGS, ONE MESSHALL, 2 VEHICLE PARKING SHEDS (ONE C-SHAPED), 2 VEHICLE MAINTENANCE BUILDINGS, 23 OTHER BUILDINGS, ONE VEHICLE PARKING AREA AND AN ATHLETIC FIELD.	1140S 02729E	1055	[redacted]	6-D
25X1A	[redacted]				
25X1D	[redacted]				
	INDUSTRY				
	LUKALA PETROLEUM PUMPING STATION AT LUKALA. STATION CONTAINS A PUMP HOUSE, 3 LARGE STORAGE TANKS, A DIESEL POWER PLANT, A TRANSFORMER YARD, AND ONE LARGE BUILDING.	0531S 01432E	1027	[redacted]	33
25X1D	[redacted]				
	KOLWEZI COPPER AND COBALT CONCENTRATORS WNW EDGE OF KOLWEZI. INSTALLATION CONTAINS AN OPEN PIT MINE, NUMEROUS INDUSTRIAL BUILDINGS AND 4 REVETTED PROBABLE POL TANKS.	1043S 02527E	1055	[redacted]	2-D
25X1D	[redacted]				

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
BASIC SERVICES			25X1A	
MATADI RAILROAD YARD SHOPS AND STATION WEST EDGE OF MATADI. RAILROAD AND CLASSIFICATION YARD, EXTENDING APPROXIMATELY 7,500 FT ALONG SOUTH BANK OF CONGO RIVER IS 31 TRACKS WIDE AND CONTAINS NUMEROUS RAIL SPURS TO WHARF AREA, 5 WAREHOUSES, LOCOMOTIVE/CAR REPAIR SHOPS, TURNTABLE, PASSENGER STATION, CUSTOMS BUILDING AND OPEN STORAGE. 25X1D [redacted]	0549S 01327E	1027	[redacted]	5-G
KOLWEZI RAILROAD YARD SHOPS AND STATION IN KOLWEZI. YARD IS 3,300 FEET LONG, AT LEAST 15 TRACKS WIDE AND CONTAINS CAR AND ENGINE REPAIR SHOPS, A FREIGHT DEPOT AND PASSENGER STATION. 25X1A [redacted] 25X1D [redacted]	1044S 02528E	1055		2-C
ELISABETHVILLE RAILROAD YDS SHOPS & STATION IN CENTER OF ELISABETHVILLE. MAIN RAIL TERMINAL IS AT LEAST 15 TRACKS WIDE AND CONTAINS ONE PASSENGER TERMINAL, 16 LARGE STORAGE/TRANSSHIPMENT BUILDINGS 10 SMALLER BUILDINGS AND 7 RAILROAD REPAIR BUILDINGS. CLASSIFICATION YARD NORTH IS AT LEAST 19 TRACKS WIDE AND CONTAINS ONE TURNTABLE AND 4 RAILROAD REPAIR BUILDINGS AND ONE RAILROAD	1139S 02729E	1055	25X1A [redacted]	6-C

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	Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
25X1A 25X1D	SWITCHING BUILDING. [redacted]			25X1A	
	SAKANIA RAILROAD YARDS IN CENTRAL SECTION OF SAKANIA. YARD IS 1,350 FT LONG, 7 TRACKS WIDE AND CONTAINS A PASSENGER TERMINAL AND A MAINTENANCE AREA.	1244S 02833E	1153	[redacted]	1
25X1A 25X1D	[redacted]				
	PORTS AND HARBORS				
	MATADI PORT FACILITIES ON SOUTH BANK OF CONGO RIVER, ADJACENT TO MATADI RAILROAD YARD. PORT CONTAINS 3 ADJOINING LARGE WHARF AREAS, 5 LARGE TRANSSHIPMENT WAREHOUSES, 10 LIGHTER PIERS AND FERRY BOAT FACILITIES AT NORTHERN END OF PORT AREA. VESSELS -- 5 LARGE FREIGHTERS AND NUMEROUS BARGES/LIGHTERS.	0549S 01328E	1027	[redacted]	5-A
25X1A 25X1D	[redacted]				
	STORAGE				
	MATADI EXPLOSIVES STORAGE ON SW EDGE OF MATADI, JUST SOUTH OF THE PALM OIL STORAGE AREA. PROBABLE EXPLOSIVES STORAGE AREA CONTAINS ONE REVETTED BUILDING 60 X 30 FT.	0549S 01327E	1027	[redacted]	5-F

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Target	Coordinates	WAC	Target Numbers BE	Target Numbers NPIC
25X1A COMOR TARGET NO [redacted] 25X1D [redacted]				
URBAN COMPLEXES			25X1A	
MATADI COMPLEX ON THE SOUTHERN BANK OF THE CONGO RIVER, 25 NM EAST OF BOMA AND 4 NM NORTH OF THE ANGOLA BORDER. MAJOR RAIL-WATER TRANSSHIPMENT CENTER CONTAINS AN ARMY CAMP, PORT FACILITIES, EXTENSIVE POL STORAGE FACILITIES, RAIL YARDS AND SHOPS, AND AN EXPLOSIVES STORAGE AREA. 25X1A [redacted] 25X1D [redacted]	0549S 01328E	1027	[redacted]	5
KOLWEZI COMPLEX 8 NM WEST OF LAKE KOLWEZI IN KATANGA PROVINCE. COMPLEX CONTAINS A COPPER AND COBALT ORE PROCESSING PLANT WITH 4 PROBABLE POL TANKS, A RAILROAD YARD AND SHOPS, AND AN AIRFIELD. 25X1A POOR IMAGE QUALITY LIMITS INTERPRETATION. 25X1D [redacted]	1044S 02528E	1055	[redacted]	2
ELISABETHVILLE COMPLEX COMPLEX CONTAINS SEVERAL MILITARY CAMPS	1140S 02728E	1055	[redacted]	6

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
AND BARRACKS AREAS, RAILROAD FACILITIES, A COPPER-COBALT SMELTER, AND NUMEROUS OTHER INDUSTRIAL SITES.				

25X1A [redacted]

25X1D [redacted]

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SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-CONGO (LEOPOLDVILLE)-				
AIR INSTALLATIONS				
MUHABA, AIRFIELD [redacted]	0525S 02724E	1029		7

25X1A
25X1D

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0907-15-A and an NPIC target number 0908-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered cloud cover); HC (heavy cloud cover); SC-HC (scattered-to-heavy cloud cover); H (haze); CS (cloud shadow); SD (semidarkness); O (obliquity); and PQ (poor image quality).

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