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MISSION COVERAGE SUMMARY

MISSION-2029
OF
10 DEC 1956

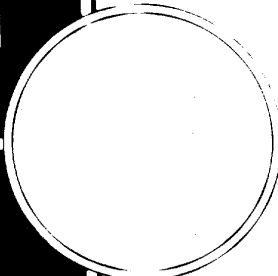
HANDLE VIA TALENT CONTROL SYSTEM ONLY

Declass Review by
NIMA / DoD



CIA/RR - HTA - M C S-3-57

DOCUMENT NO. 3
NO CHANGE IN CLASS.
 DECLASSIFIED
CLASS. CHANGED TO: TS ^(S) C 2012
NEXT REVIEW DATE: _____
AUTH: HR 79-2
DATE: 8/20/82 REVIEWER: 06394



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For Small Scale and Rapid Scanning

7900	Miscellaneous area, type not specified (TNS)
7901	Agricultural area
7902	Forested area
7903	Mountainous area
7904	Marsh
7905	Desert
7906	Tundra
7907	Urban area (Identify name)
7908	Industrial area
4200	Electric Power, TNS
4400	Highway Transportation, TNS (New and/or Major)
4500	Railway Transportation, TNS (New and/or Major) (Write out - single or multiple track)
4530	Railway Classification Yard
4600	Inland and Coastal Waterways, TNS
4601	Canals
4740	Terminal Facilities - Ports
2300	Coke, Iron and Steel, TNS
1900	Mining and Concentration of Ores, TNS
1500	Oil and Gas Fields, TNS
6500	Petroleum Refining
6580	POL Storage
6700	Shipyards, TNS
8100	Airfields, Permanent runways or landing areas*
8300	Airfields, Natural surface runways or landing areas*
8400	Seaplane Bases*
9100	Other Military defenses and weapon positions
9200	Military storage areas
9300	Naval Bases
9400	Military Camps, Billeting and Assembly Areas, Training Centers, etc.
9500	Specialized, non-conventional military installations (guided missile launching sites)

* Refer to detailed scanning codes for runway lengths and type of aircraft based at the field. Number of aircraft will be given in the description.

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30 April 1956

SCANNING CODES
(Detailed)

NOTE: For ease of location, this code arrangement provides for the grouping of similar topics. Code numbers coincide with those used in the Bombing Encyclopedia prepared by the USAF.

CODE GROUP AND DESCRIPTION OF ITEM

AREAS

7900	Miscellaneous area, type not specified (TNS)
7901	Agricultural area
7902	Forested area
7903	Mountainous areas
7904	Marsh
7905	Desert
7906	Tundra
7907	Urban area (Identify name)
7908	Industrial area, general

INDUSTRIAL

Mining & Concentration of Ores

1900	Mines, TNS
1901	Open Pit or Quarry
1902	Shaft
1000	Fissionable - ores and concentrates used in production of fissionable materials
1100	Light metals - extraction and concentration of ores (Aluminum & Magnesium Types)
1200	Other non-ferrous metals - extraction and concentration of ores
1300	Iron ores & concentrates
1400	Coal, lignite and peat extraction
1500	Oil and gas fields, TNS
1501	Crude petroleum extraction
1502	Gas extraction

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Basic Processing

2000 Fissionable materials - purified materials for production of fissionable materials, basic auxiliary processing materials, including moderators.

2100 Light metal and light metal alloy production

2200 Other non-ferrous metal and alloy production

2300 Coke, iron and steel, TNS

2310 Coke mfg.

2320 Iron mfg.

2330 Steel mfg.

2340 Finished steel mfg.

2400 Chemical manufacture, TNS

2600 Plastics, synthetic fibres, synthetic rubber and resins mfg.

2700 Wood, stone and earthen raw materials, TNS

2710 Lumber - Sawmills

2720 Pulp and Paper

2730 Structural stone

2740 Clay products - brickyards

2750 Glass products

2760 Cement and gypsum building materials

2770 Ceramics

2800 Textiles

Light Industry

5000 Light Industry, general

3000 Optical and scientific instrument mfg.

5600 Paint, drug, insecticide, etc. mfg.

Plastics and synthetics (See Basic Processing - 2600)

Chemicals (See Basic Processing - 2400)

Textiles (See Basic Processing - 2800)

Heavy Industry

5100 Heavy Industry, general

3100 Metal working machinery and equipment mfg.

3200 Electrical equipment (except electronic) mfg.

3300 Plumbing, heating, refrigeration equipment mfg.

3400 Mining, excavation and construction machinery and equipment mfg.

3500 Rail transportation equipment mfg.

3600 Special industrial machinery and equipment mfg.

3700 General purpose industrial equipment mfg.

3800 Agricultural equipment mfg.

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5200	Communications and electronic equipment mfg.
6000	Nuclear Fission plants
6100	Aircraft mfg.
6200	Munitions mfg.
6300	Armaments mfg.
6400	Motor vehicle mfg.
6500	Petroleum refining
6580	POL storage
6600	CW, BW and explosive mfg.
6700	Shipyards, TNS
6710	Major combatant types
6720	Merchant ships
6770	Submarines

Coke, iron and steel production (See Basic Processing - 2300)

Basic Services

4000	Research and Development, TNS
4200	Electric Power, TNS
4201	Thermal
4202	Hydro
4203	Transformer stations
4204	Dams
4205	Transmission Lines
4400	Highway Transportation, TNS
4401	Roads under construction
4410	Bridge
4421	Tunnel
4422	Ferry
4500	Railway Transportation, TNS (Write out - single or multiple track)
4501	RR under construction (Write out - single or multiple track)
4510	Bridge
4521	Tunnel
4525	Ferry
4530	Classification yard
4560	Repair facilities
4600	Inland and coastal waterways, TNS
4601	Canals
4610	Channel overpasses, locks, navigation dams in channel, general
4640	Terminal facilities - ports
4650	Under construction
4700	Overseas Water Transportation, TNS
4740	Terminal facilities - ports
9300	Naval bases

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9310 Major bases
 9340 Submarine bases

4800 Pipelines, TNS
 4801 POL and gas pipelines

MILITARY

7200 Underground facilities

8000 Airfields, TNS
 8100 Airfields - Permanent runways or landing areas

NOTE: Two codes will be used to designate AC on runway; i.e., bombers on a 5000' runway would be coded - 8102 and 8150

8101 Under construction
 8102 Bomber based
 8103 Fighter based
 8104 Civil aircraft

8110 Length runway -- 2000 - 2999 feet
 8120 3000 - 3999 feet
 8130 4000 - 4499 feet
 8140 4500 - 4999 feet
 8150 5000 - 5999 feet
 8160 6000 - 6999 feet
 8170 7000 - 7500 feet
 8180 over 7500 feet

8300 Airfields - Natural surface runways or landing areas

NOTE: Two codes will be used to designate AC on runway; i.e., bombers on a 5000' runway would be coded - 8302 and 8350.

8301 Under construction
 8302 Bomber based
 8303 Fighter based
 8304 Civil aircraft

8310 Length runway -- 2000 - 2999 feet
 8320 3000 - 3999 feet
 8330 4000 - 4499 feet
 8340 4500 - 4999 feet
 8350 5000 - 5999 feet
 8360 6000 - 6999 feet
 8370 7000 - 7500 feet
 8380 over 7500 feet

8400 Seaplane bases
8401 Under construction
8402 Bomber based
8403 Fighter based
8404 Civil aircraft

8500 Anti-aircraft sites
8510 Anti-aircraft warning systems (radar, etc.)

9100 Other military defenses and weapon sites, TNS
9101 Artillery
9102 Rocket launching (conventional type; i.e., truck-mounted, etc.)
9103 Electronic system installation
9500 Specialized, non-conventional military installations (guided missile launching sites)

9200 Military supplies and equipment storage
9210 Tank and motor vehicle parks
9400 Camps, billets and assembly areas, training centers, etc.
9410 Military troop concentrations
9411 Military barracks

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Mission Coverage Summary

Date of Photography 10 December 1956

(Frames are identified by title numbers)

HFA-SP Report No. 3 - 57

Date of Report 16 January 1957

Mission No. 2029

WAC	Print ID		Coordinates		Country	Description
	Com.	Exp. or Time	Lat. N.	Long. E.		
322			43-10	24-43	Bulgaria G	Lovech A/F, Runway - Grass, No A/C
			43	25	Bulgaria G	Dam (On far oblique)
			42	25	Bulgaria G	GABROVO 25X1D
			43	25	Bulgaria G	Dam (On far oblique) 5X1D
			43	24	Bulgaria G	Probable Ammo Storage Bldgs, 35 reverted buildings within Security Area
			43-10	24-43	Bulgaria G	Lovech A/F, Runway - Grass, No A/C
			43-20	24-15	Bulgaria G	Telish A/F Runway - Grass, no A/C
			43-33	23-16	Bulgaria G	Gabrovnitsa A/F 25X1D
			42	22	Bulgaria G	BREZNIK, Industrial Area 25X1D
			42	22	Bulgaria G	Dam
			42	22	Bulgaria G	Possible Ammo Storage (Far Oblique)
			41	21	Yugoslavia G	PRILEP
			41-25	19-43	Albania G	Preza A/F, Possibly U/C, No A/C
			43	22	Bulgaria G	Numerous hill top Fortifications
			43	22	Bulgaria G	Military Barracks - 13 Large Barracks 12 Small Barracks
			43	22	Bulgaria G	Small Mining Area
			43	22	Bulgaria G	Military Barracks - 5 Large Bldgs.
			43	23	Bulgaria G	MEDKOVETS
			43	23	Bulgaria G	Probable Military Storage and Camp Area Located in forest 6 large bldgs, 95 smaller bldgs, 6 reverted bldgs located within security area
			43-33	23-16	Bulgaria G	Gabrovnitsa A/F, Runway 8,000 x 200, 32 Fagots visible

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			43-27	24-08	Bulgaria G	Makhlata A/F, Natural surface runway, no A/C visible
			43-20	24-15	Bulgaria G	Telish A/F, Natural surface runway. no A/C
			43	24	Bulgaria G	[REDACTED] 25X1B
			43	24	Bulgaria G	PLEVEN [REDACTED] 25X1B
			43-21	25-01	Bulgaria G	Kamenets A/F. Runways 8,400 x 270, 33 poss. MIG-type
			43	25	Bulgaria P	Possible Ammo storage, 54 reverted bldgs within security area
			43	27	Bulgaria G	[REDACTED] 25X1B
			43	27	Bulgaria F	[REDACTED]
			42	25	Bulgaria G	[REDACTED]
			42	25	Bulgaria F	[REDACTED]
			43	24	Bulgaria G	Power station - possible transformer station
			43	23	Bulgaria G	VRATSA, Possible Military Camp and training area
			42-48	23-19	Bulgaria G	Sofia/Kumaritsa A/F, runway 8,100x240, 25 MIG-type, 41 poss. Freds
			42-45	23-12	Bulgaria G	Sofia/Bozhurishte A/F, runway - Grass, 11U/I A/C, AA gun position
			42	23	Bulgaria F	SOFIA
			42	23	Bulgaria G	DUPNITSA, Military Camp and training Area 25X6
			41	21	Yugoslavia G	Several Mines
			41	21	Yugoslavia G	Numerous Trenches

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			41	19	Albania G	TIRANE, [REDACTED] 25X1B
			41-20	19-48	Albania G	TIRANE A/F, Runway 4, 200x270 1 probable Beast, 1 Fagot, 1 Crate two AA positions
			41-20	19-33	Albania G	Durres/Shijak A/F Abandoned
			41	19	Albania G	Durres Port 1 tanker, 3 cargo, small ship yard, Pol storage
			43	23	Bulgaria G	LOM, (On far oblique) Danube river Port
			43	23	Bulgaria G	8 Jet fighters painted on the ground
			43	23	Bulgaria G	VELCHEDERMA
			43	24	Bulgaria G	KREZHA
			43-27	24-31	Bulgaria G	Dolna/Mitropoliya A/F, Grass runway, no A/C visible
			43	24	Bulgaria G	Possible Military Barracks area
			43	26	Bulgaria G	Possible Military Storage area (Far Oblique)
			43	26	Bulgaria G	Possible Military Storage area
			43	26	Bulgaria G	SHUMEN
			43	26	Bulgaria G	Possible Ammo Storage and military barracks area
			43-17	26-57	Bulgaria F	Kolarovgrad A/F, Abandoned
			42-35	24-52	Bulgaria F	Karlovo A/F, no A/C visible (Far oblique) grass runway
			43	23	Bulgaria G	Possible Ammo Storage Area
			42	23	Bulgaria G	SOFIA
			42-42	23-25	Bulgaria G	SOFIA/ Vrazhdets A/F runway 7, 200x270 - 5 prob Fagots, 2 Beaglas, 2 Coxes, 3 Cabs, 3 U/I A/C
			42	23	Bulgaria G	Several Dams, Hydro power plant

SPB Form #10 (Revised)

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			41	23	Bulgaria G	Probable Military Outposts
			41-03	21-22	Yugoslavia G	Bitola A/F, Natural surface runway, no A/C
			41	21	Yugoslavia G	BITOLA
			41	20	Albania G	ELBASAN - Elbasan A/F abandoned
			41	20	Albania G	Pol Storage
			41	19	Albania G	Possible Military Barracks
323			43	27	Bulgaria F	Possible Military Storage Area
			43	27	Bulgaria F	Probable Military Camp and storage area
			43	28	Bulgaria G	Storage Area - 22 large warehouses
			43	28	Bulgaria G	Numerous defense positions along shore line
			43	28	Bulgaria G	BALCHIK Port 2 small freighters in harbor
			43-26	28-11	Bulgaria G	Balchik A/F, runway 7,400x220 2 Frescoes 10 Fagots
			43	28	Bulgaria F	Possible Military camp and storage Area
			43	28	Bulgaria G	Probable Ammo Storage area-9 reverted bldgs within security area
			43	27	Bulgaria G	DOBRICH, R.R. - C/R, J/I small Industry
			43-36	27-49	Bulgaria G	Tolbukhin A/F, Runway 8,400x275, 1 Bosun, 4 prob. Beagles, 1 MIG-type, 9 U/I A/C
			43-13	27-49	Bulgaria F	Stalin/Topoli A/F, runway-grass, 2 cars visible
			43-11	27-51	Bulgaria P	Stalin/Lake Devyna Sea plane station, no A/C visible

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			43-11	27-53	Bulgaria P	Stalin/Ses Sevmes A/F, natural surface runway, no A/C visible
			43	27	Bulgaria F	VARNA (Stalin) Port, 10 Merchant Ships 2 Tankers
250			44	27	Bulgaria G	SILISTRA
251			26	44	Rumania F-P	BUCURESTI
			44-29	26-07	Rumania P	Bucharest/Pipera A/F. Natural surface runway, 2 possible A/C
			44	26	Bulgaria Rumania G	Danube River Waterway
			44	26	Rumania F	Numerous fortifications and AA Gun Positions
			44-23	26-11	Rumania G	Bucharest/Popestii-Leordeni A/F Grass runway
						8 Cabs, 2 prob. Colts 4 poss. Mules Large hanger U/C
			44	26	Rumania P	
			44	26	Rumania P	
			44	26	Rumania P	Military camp and training area
			44	26	Bulgaria G	TUTRAKAN (Danube River Port)

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