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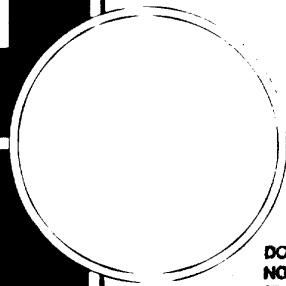
MISSION COVERAGE SUMMARY

MISSION-4016
OF
20 NOV 1956

HANDLE VIA TALENT CONTROL SYSTEM ONLY

Declass Review by
NIMA / DoD

CIA/RR - HTA - M C S - 37-56



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DOCUMENT NO. 22
NO CHANGE IN CLASS.
 DECLASSIFIED
CLASS. CHANGED TO: TS/S C 2012
NEXT REVIEW DATE:
AUTH: HR 70-2
DATE: 02/28/02 REVIEWER: 063911



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.

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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Date of Photography 20 November 1956

HTA-SP

Report No. MCS #37

Date of Report 12 December 1956

Mission No. 4016

WAC	Print ID		Coordinates		Country	Qual.	Description
	Cam.	Exp. or Time	Lat. N.	Long. E.			
325			40-35 approx.	49-25	USSR	P	Small ammo dump (near) - barely visible
			40-18	48-17	USSR	P	Possible military storage area - 15 storage buildings
			40-15	47-20	USSR	P	Town - U/I - barely visible
			40-10	44-50	USSR	F	Possible barracks area; whses. near RR and hwy.
			40-18	44-34	USSR	F	Yerevan/Yegvard A/F - one runway 3600' x290', one 3300'x290' - no A/C
			40-20	44-25	USSR	F	Gyumush hydroelectric power plant
			40-40	44-20	USSR	F	Possible landing strip at foot of mountain - R/W approx. 2500' long. No A/C visible
			40-45	44-20	USSR	F	Probably military storage, appears to be 6 dispersed warehouses.
			40-50	44-10	USSR	F	Possible military training area. Appears to be much track activity and 3 or more large whse-type buildings in vicinity of river.
			40	49	USSR	P	Town - with concentration camp on N. side
			40-10	49-28	USSR	P	Sangachaly A/F, main R/W 6500'x190'. 12 MIG's visible in [REDACTED]
			40	49	USSR	P	Military camp
			40	49	USSR	P	Whses. surrounded by security fence - poss. ammo dump. Poss. industrial site beside RR.
			40	49	USSR	P	Poss. military camp & training area
			40	49	USSR	P	Poss. military installation on W. side of BAKU
			40	49	USSR	P	City - BAKU - with large dock area on lake front. One submarine. POL storage on E. side. Military installation on SW side of city. Approx. 150 buildings and 125 possible vehicles.
			40-21	49-51	USSR	B	Baku Seaplane Base - 4 possible Madge
			40	49	USSR	P	Poss. military installations on small off-shore island
			40	49	USSR	P	City - SUMGAI - with large fabric & assembly type industrial bldgs.

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	Cam.	Exp. or Time	Lat. N.	Long. E.			
325	[REDACTED]	[REDACTED]	40-35	49-33	USSR	P	Nasosnyy A/F, with 34 Beagles, 1 Badger, 46 MIG-type, main R/W 8000'x260'
			40-20 Approx.	48-10	USSR	P	Kyurdamir A/F, R/W 6600'x200', 54 MIG-type, 2 U/I A/C, one 8-gun & 4 6-gun AA positions. KYURDARMIR nearby with military camp on outskirts.
			40	47	USSR	F	[REDACTED]
			40-05 Approx.	47-30	USSR	F	Possible A/F (Gindarkh) R/W U/C - sod landing area 7400' x 500'
			40	44	USSR	P	YEREVAN and suburbs
			40-07	44-28	USSR	P	Yerevan A/F - 2 prob. Grate, 13 MIG-type, 3 poss. MIG-type, 3 prob. Cab
			40	43	USSR	F	LENINAKAN (part)
			40-45	43-51	USSR	F	Leninakan A/F (part) - [REDACTED]
			40-10	49-28	USSR	G	Sangachaly A/F, 8 poss. Fitters, 7 poss. Farmers, 45 MIG-type, 1 Creek, 1 8-gun AA position.
			40	49	USSR	G	Open pit mine (middle-grd.) & town - SUMGAI - (distance) with very large industrial bldgs. on SW side.
			40	49	USSR	P	City - BAKU - in distance
			40	49	USSR	G	Whse. area & 6 POL storage tanks
			40-30 Approx.	49-35	USSR	G	Small ammo dump and troop training area
			40-30	49-30	USSR	F	Baku/Nagdali A/F, single R/W approx. 3500' long, no A/C visible. Mil. camp in distance.
			40-20 Approx.	48-40	USSR	P	Possible A/F, R/W (in distance) - shows many parallel tracks - poss. emergency landing strip
			40	48	USSR	G	Town - U/I and rail yard
	40	47	USSR	G	Small barracks area - possibly military		
	40-45	43-51	USSR	F	Leninakan A/F - approx. 71 prob MIG-type. R/W 6200' x 175'		

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	Cam.	Exp. or Time	Lat. N.	Long. E.			
325			40	43	USSR	F	LENINAKAN
339			39-10	48-55	USSR	P	Poss. A/F R/W's in foreground
			39	49	USSR	P	Town - KADIM-KENF almost invisible
			39-51	49-22	USSR	P	Pirsagat A/F, main R/W approx. 7000' x 300', no A/G visible (in middleground)
			38	48	Iran	P	Town - ASTARA - large military camp on N. side
			38	48	USSR	P	Portion of military camp visible thru hole in clouds, at LENKORAN
			38	48	USSR	P	[REDACTED]
			39-05	48-45	USSR	P	Kyzyl Agach A/F, 38 MIG-type, 1 U/I A/C. R/W 6200' x 190', poss. ammo storage on N. side. 8-gun AA position, probably occupied.
			39	48	USSR	P	Large state farm
			39	48	USSR	P	Poss. small military camp on edge of village
			39	48	USSR	P	C/Y with whses. beside sidings
			39	48	USSR	P	Town - SAL'YANY - with poss. military camp on N. side
			39-39	48-59	USSR	P	Sal'Yany A/F, main R/W 6200'x220', 58 MIG-type, 1 poss. ammo storage area, 3 8-gun AA positions.
			39	49	USSR	P	Poss. military camp
			39	49	USSR	P	Town - ALYATY - with poss. military camp, on shore of Caspian Sea
			39	46	USSR	F	Town - AGDAM
			39-34	46-21	USSR	G	Kafan military installation, 46 vehicles, 69 vehicle-drawn artillery
			39-10	46-12	USSR	G	Mining area on Okhchi River. Another mining area at 39-12N, 46-25E
			39	48	USSR	G	Town - KHYRMANDAL - in distance

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	Cam.	Exp. or Time	Lat. N.	Long. E.			
339			39-51	48-58	USSR	G	Karachala A/F main R/W approx. 6000' x 200', being extended to 8700' - no A/C visible, 4 6-gun AA emplacements. Tracks of large scale military maneuvers surrounding field & terrain for next 20 frames
			39	48	USSR	F	Town - ALI-BAYRAMLY - in distance
			40-02	48-55	USSR	F	Kazi Magomed A/F, main R/W approx. 6000' long, 8 prob. MIG-type, 9 poss MIG-type 3 poss 8-gun & 1 poss 6-gun AA emplacement.
			39	46	USSR	F	Town - SHUSHA
			39	46	USSR	G	RR C/Y, small town, warehouses
			38	46	USSR	G	Warehouse area and small laid-out town
340			38	45	USSR	G	RR C/Y and turn-around point (partial coverage)
			39-10	45-25	USSR	G	Possible landing strip.
			39-11	45-28	USSR	F	Nakhichevan A/F, no A/C; R/W 7000' x 200', one poss. 6-gun AA battery
			39	45	USSR	G	NAKHICHEVAN - military camp NW of city
			38-55	45-35	USSR	G	Dzhulfa, RR C/Y, industrial plant, and poss. military post with 4 large bldgs. and several probable vehicles in parking lot
			39-10	45-25	USSR	G	Possible natural surface landing strip - 2500' x 100' - no A/C
						G	RR C/Y and possible walled-in military Hq.
			39	44	USSR	F	Large industrial building
427			34-20	40-10	Syria	F	Landing ground T-2
			33-22 33-20	43-34 43-35	Iraq	F	Habbaniya and Habbaniya/Plateau A/F's
			33-20	44-10	Iraq	G	Barracks area - poss. military and poss A/F R/W U/C

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	Cam.	Exp. or Time	Lat. N.	Long. E.			
427			33	44	Iraq	G	Poss. tent camp
			33	44	Iraq	G	Large compound with admin bldgs., living quarters & athletic field, poss. industrial or educational
			33	44	Iraq	G	Industrial area with whses. and rail class. yard. Poss. rail repair shops
			33-19	44-22	Iraq	G	Baghdad West - 4 transports and 2 bombers
			33	44	Iraq	G	BAGHDAD - POL storage and poss. refinery on outskirts
			33-17	44-29	Iraq	F	Barracks area - poss. military and Rashid A/F, 14 fighters, 3 transports
			33	44	Iraq	G	[REDACTED]
			33	44	Iraq	G	Possible pipeline and RR
428			32	48	Iran	P	Town - DEZFUL - with military camp on W side
			32-32	48-19	Iran	F	Andimishk A/F, no A/C, single R/W parallel with RR
			32	48	Iran	F	Town - ANDEMESHK - with rail C/Y and repair shop
			32	48	Iran	F	[REDACTED]
			32	48	Iran	F	[REDACTED]

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