

OPERATIONS / WF ROUTING

FROM: [REDACTED]

DATE: 15 JUL 1963

Sequence	Unit	
1	Chief, Ops Staff	[REDACTED]
2	Dep/Ch, Ops Staff	[REDACTED]
3	Chief, OCB	
	Chief, BB	
	Chief, PAB	
4	[REDACTED]	

REMARKS:

*P.O. received a copy*

**OPS FILES**

NPIC/FM-145(4-63)

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S-E-C-R-E-T

CWG-BK-33  
12 July 1963  
Copy 2 of 35

MEMORANDUM FOR: Chairman, COMOR

SUBJECT: BRASS KNOB Coverage of Cuba

1. Attached are the following:
  - a. a table showing BRASS KNOB coverage of the COMOR Highest Priority Targets for Cuba during 1 - 10 July.
  - b. a table showing BRASS KNOB coverage of all COMOR targets during the same period.
  - c. a map showing the locations of the COMOR targets with arrows indicating those not covered during 4 - 10 July.

2. During 4 - 10 July, 7 BRASS KNOB missions were flown, and 87 percent of the total land area of Cuba was covered by photography with 25 percent or less cloud cover. During this period, 12 of the COMOR targets were not covered, and of these only one was in the Highest Priority category.

3. It will be noted that the Guantanamo Area is carried as having been covered. Because of pockets of cloud cover, however, three small military installations within the area were not observed in clear photography [ ] Perserverancia Military Camp; [ ] Cabanas Military Camp; and [ ] Ti Arriba Military Camp).

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[ ]

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Chairman  
COMOR Working Group

Group 1  
Excluded from automatic down-  
grading and declassification

S-E-C-R-E-T

Attachment A to CWG-BK-33

SECRET

TARGET	DATES																															TOTAL SORTIES	DAYS COVERED		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
San Julian SAM Site	1*		1					*																									2	2	
Siguanea Cruise Missile Site	1							*	1*																								2	2	
Santa Cruz del Norte Cruise Site	1	1	1						1	1																							5	5	
Campo Florida Possible Cruise Missile	**	*	1							1	1																						3	3	
Camillo Cienfuegos Airfield	**	*			*		*	1	1																								2	2	
Holguin Airfield	*	*	*		1	*				*																							1	1	
San Antonio de los Baños Airfield	1*	*	1							1	*																						3	3	
Marcel Naval Base	1*	*	1							1	*																						3	3	
Cabanas Naval Facility																																	0	0	
Banes Naval Base		*			1*			1																									2	2	
Cienfuegos Naval Base	*	1						1	1	1																							4	4	
Santiago de Cuba Port	**	*		1	1			1		1																							3	3	
Nueva Gerona Naval Port	1							1	1																								3	3	
La Isabela Port		1			*		1*	*	1	*																							3	3	
Casilda Port	1				*		1	1		1																							3	3	
Matanzas Port	1	1			*	*	1	1		1	1																						4	4	
Havana Port	**	*	1							1	1																						3	3	
Guantanamo Area	*	*		1	*																												1	1	
Pinar del Rio Military Camp	*	1						1	1																								3	3	
Artenisa Military Camp	*	1	1					1	*																								3	3	
Holguin Military Camp		*			1	1		1		1																							2	2	
Camaquey Military Camp	*	1	1			1		1		1																							4	4	
Remedios Military Camp	1*	*			*					1																							2	2	
Santiago de las Vegas Military Camp	1	1	1							1	1																						5	5	
Torrens (Lourdes) Army Camp	1	1	1							1	1																						5	5	
Limonar Military Camp	1	*								1	1																						3	3	
	*	1	1					1		1																								3	3
	1*	*					*	1		1																								2	2

\* A numeral indicates the number of times on the date shown that the entire target area was photographed without significant cloud cover, haze, or image degradation. Partial coverage of the target on that date is indicated by an asterisk. Where there is no numeral or asterisk, the target may have been overflowed but no usable photography was obtained.

Attachment B to CWG-HK-33

BRASS KNOB Coverage of ALL COMOR Targets  
During 1 - 10 July 1963

SECRET

TARGET	DATES																															TOTAL SORTIES	DAYS COVERED		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
San Cristobal MRBM No. 1	1	1							1	1																						4	4		
San Cristobal MRBM No. 3	1	1							1	1																						4	4		
Guantanamo IIRBM No. 1	2	1							1																							4	3		
Sagua La Grande MRBM No. 1									1	1																						3	3		
Sagua La Grande MRBM No. 2	1					1			1	1																						5	5		
Remedios IIRBM Site	1	1							1	1																						4	4		
San Cristobal MRBM No. 4	1	1							1	1																						4	4		
Guantanamo IIRBM No. 2	1	1							1	1																						5	5		
Tapaste Storage									1	1																						3	3		
Santa Lucia SAM No. 1	1	1							1																							3	3		
San Julian SAM	1								1																							2	2		
La Coloma SAM									1	1																						3	3		
Maribel SAM	1	1							1	1																						4	4		
Matanzas SAM									1	1																							3	3	
Cienfuegos SAM	1	1							1	1																							5	5	
Sagua La Grande SAM									1	1																							5	5	
Caibarien SAM	1	1							1	1																							2	2	
Santi Spiritus SAM	1	1							1	1																							5	5	
Los Angeles SAM	1								1	1																							4	4	
Higuaní SAM	1								1																								1	1	
Siguanea SAM	1								1	1																							4	4	
Mansueto SAM	1	1							1																								3	3	
Manati SAM	1	1							1																								3	3	
Chambas SAM									1																								2	2	
Esmeralda SAM	1	1							1																									4	4
Santiago de Cuba SAM									1	1																							3	3	
Santiago de Cuba SAM Assembly Area									1	1																							4	4	
Deleite SAM No. 1									1	1																							4	4	
Santiago de las Vegas SAM Area	1	1							1	1																							5	5	
Ciego de Avila SAM	1	1							1																								5	5	

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July 1963

SECRET

TARGET	DATES																															TOTAL SORTIES	DAYS COVERED			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
Pinar del Rio SAM Assembly Area		1	1																														2	2		
Siago de Avila SAM Assembly Area	1	1	1								1																						4	4		
Ciguates SAM Assembly Area						1					1																						2	2		
Victoria de las Tunas SAM Area						1	1																										2	2		
Maldonado SAM			1			1	1																										3	3		
Camaguey SAM A/F	1	1	1	1		1				1																							5	5		
Holguin SAM	1	1	1	1	1					1																							4	4		
Managua SAM		1	1	1						1	1																							5	5	
Matanzas SAM		1	1							1	1																							4	4	
Siemana Cruise Missile	1									1																								2	2	
Banes Cruise Missile	1	1		1	1	1																												5	5	
Santa Cruz del Norte Cruise Missile	1	1	1							1	1																							5	5	
Campo Florido Ross Cruise Missile				1						1	1																							3	3	
Guerra Pasa Cruise Missile		1	1							1	1																							4	4	
Camilo Cienfuegos A/F										1	1																							2	2	
Camaguey A/F	1	1	1			1				1																								5	5	
Holguin A/F										1																									1	1
Los Canos A/F	1				1	1																												3	3	
Preston A/F	1	1			1					1																									4	4
Siemana A/F	1									1	1	1																							4	4
Antonio Maceo A/F		1			1		1																												3	3
Coronel Pascual A/F		1	1					1	1	1																									5	5
San Antonio de los Baños A/F		1	1							1																									3	3
San Julian A/F	1	1	1							1																									4	4
Jose Marti International A/F		1	1	1						1	1																								5	5
Campo Libertad A/F		1	1	1						1	1																								5	5
Elysa Baracoa		1	1	1						1	1																								4	4
Col. Martin Marrero A/F	1									1	1																								3	3
Jaime Gonzalez A/F	1	1								1	1	1																							5	5
Bayamo East A/F	1	1								1																									2	2

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July 1963

SECRET

TARGET	DATES																															TOTAL SORTIES	DAYS COVERED			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
Pinar del Rio A/F	1							1	1																									5	5	
Trinidad A/F	1	1						1	1																									5	5	
Marciel Naval Base																																		3	3	
Banes Naval Base																																		2	2	
Punta Alegre Port	1	1																																5	5	
Baracoas Port	1																																	3	3	
Cienfuegos Naval Base	1	1																																4	4	
Manzanillo Port	1	2																																4	3	
Moa Port	1																																	3	3	
Santiago de Cuba Naval Base																																		3	3	
Nuevitas Port	1	1	1																																5	5
Nueva Gerona Naval Port	1																																	3	3	
La Isabela Port																																		3	3	
Catharian Port	1	1	1																																6	6
Cardenas Port	1	1	1																																6	6
Cailla Port	1																																	3	3	
Jucaro Port	1																																		4	4
Santa Lucia Port																																			3	3
Matanzas Port	1	1																																	4	4
Surgidero de Batabano Naval Port	1	1	1																																5	5
Havana Naval Base																																			3	3
La Coloma Port	1	1																																	4	4
Cabanas Port	1	1																																	4	4
Bahia Honda Port	1	1																																	4	4
Puerto Padre Port Fac. (Juan Claro)	1	1																																	4	4
Havana Rdo. Sta. San Augustin	1	1	1																																5	5
Guantanamo Area																																			1	1
Manzanillo Military Camp	1	1																																	3	3
Pinar del Rio Mil. Installation																																			3	3
San Antonio de los Baños Mil. Stor.	1	1	1																																4	4

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July 1963

SECRET

TARGET	DATES																															TOTAL	SORTIES	DAYS COVERED		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
Artemisa Army Camp	1	1							1																									3	3	
La Boca Military Camp	1	1						1	1																									4	4	
Sanja Honda Military Camp	1								1	1																								3	3	
María Military Camp (Cama Gobernadora)	1	1							1	1																								4	4	
Holguin Military Camp						1	1																											2	2	
Guamagay Military Camp		1	1						1	1																								4	4	
Orelia Military Camp							1	1																										2	2	
El Jucaro Military Camp	1	1																																2	2	
Remedios Military Camp	1										1																							2	2	
Alto Cedro Military Camp	1																																	1	1	
		1	1						1	1																									4	4
		1	1	1					1	1																									5	5
Santiago de las Vegas Tank Park		1	1	1					1	1																								5	5	
San Jose de las Lajas Mil. Camp		1	1						1	1																								4	4	
Torrans (Leandros) Army Camp		1	1	1					1	1																								5	5	
Santa Clara Military Activity			1				1			1	1																							4	4	
Maduga Military PGI Storage				1						1	1																							3	3	
Limonar Military Camp			1								1	1																						3	3	
Guamagay Military Training Camp	1	1	1					1	1																									6	6	
San German NPO Caridad Finca	1	1				1	1																											4	4	
Victoria de las Tunas Mil. Training	1	1				1	1																											5	5	
Managua Military Inst.	1	1	1								1	1																						5	5	
El Cristo Military Area			1				1			1																								3	3	
Santa Fe (Isla de Pinos) Mil. Area	1									1	1																							4	4	
Cayo Largo Island Military Area	1									1																								2	2	
Masareno Military Area		1	1	1							1	1																						5	5	
Campo Florido Military Camp		1	1	1							1	1																						5	5	
Barangay Military Area		1	1								1	1																						4	4	
Guantanamo Military Area		1	1								1	1																						4	4	
Manzanilla Explosive Storage Site		1	1								1	1																						4	4	

SECRET

GROUP 1  
Excluded from automatic  
downgrading and declassification

July 1963

SECRET

TARGET	DATES																															TOTAL SORTIES	DAYS COVERED	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
Loma de Tierra Military Area	1	1	1							1	1																						5	5
Havana Area Military Camp	1	1	1							1	1																						5	5
Las Mercedes Military Camp	1		1			1																											3	3
Guana Military Camp				1						1	1																						3	3
Zaragoza Area Military Camp				1							1																						2	2
Holguin Military Area West	1	1		1	1																												5	5
Holguin Military Area Encampment			1			1				1																							3	3
San Jose de las Lajas Storage		1	1	1							1	1																					5	5
La Julia Military Installation	1	1							1	1																							4	4
El Criollo Military Camp		1	1	1						1	1																						5	5
Minas Area Military Camp		1	1							1	1																						4	4
Camp Cantel (Cardenas) Mil. Area				1						1	1																						4	4
Havana Vehicle Park			1	1							1	1																					4	4
Lomas Tetas de Managua Tank Park		1	1	1							1	1																					5	5
Guanajay Area (Martin Mesa) Mil.C	1	1		1							1																						4	4
Altagracia Military Area	1	1			1					1	1																						5	5
Guanabana Area Military Activity		1									1	1																					3	3
Limonar Tank Training Area		1		1							1	1																					4	4
San Diego de Ruz Mil. Camp		1									1																						2	2
Buena Vista Military Camp	1	1	1				1	1																									5	5
Cienfuegos (Anton Recio) Tank Park		1									1	1																					3	3
Matanzas (SE Guanabana)		1		1							1	1																					4	4
Ceiba Mocha Military Area		1		1							1	1																					4	4
Consolacion Del Sur Mil. Hdqs.				1							1																						2	2
Minas (Camaguey)	1										1																						2	2
Marti Area Armor Training Area **																																	0	0
Guayabal Military Area **											1																						1	1
Santa Clara Artillery Training Ar#H											1																						1	1
Perseverancia Military Inst.**																																	0	0
Cabanas Military Area **																																	0	0

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July 1963

SECRET

TARGET	DATES																															TOTAL SORTIES	DAYS COVERED		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
	TI Arriba Military Installation**																																		
Special Area Alpha		1	1	1						1	1																						5	5	
Special Area Hotel		1	1	1						1	1																						4	4	
Special Area Bravo Blue		1	1	1						1	1																						4	4	
Special Area Bravo Red		1	1	1						1	1																						5	5	
Special Area Victor		1	1	1						1	1																						5	5	
Special Area Tango		1	1	1						1	1																						4	4	
Landing Beach (Siboney)			1			1		1																									3	3	
Landing Beach (Playa Yateritos)	1		1		1	1																											4	4	
Landing Beach (Tarara)		1	1	1						1	1																						5	5	
Matanzas Landing Beach		1		1				1	1	1																							6	6	
Peninsula de Hicacos Landing Beach		1						1	1	1																							5	5	
Cienfuegos Landing Beach	1	1	1					1	1	1																							6	6	
Mar Verde Beach			1			1	1		1																								4	4	
Ensenada Colorado Beach	1	1							1	1	1																						5	5	
Playa Colombo Landing Beach	1								1	1																							3	3	
Playa de Flamencos Landing Beach	1								1	1																							3	3	
Nicarao Beach				1					1																								2	2	
				1					1																								3	3	
				1	1	1			1	1																								5	5
Managua Ammo. Storage		1	1	1					1	1																								5	5
Bejucal Ammo. Storage		1	1	1					1	1																								5	5
Bara Jagua Storage (La Rosita Area)		1							1	1	1																						4	4	
						1																												1	1
				1					1	1																								4	4
				1	1	1			1	1																								5	5
				1		1	1	1		1																								4	4
				1					1																									2	2
				1		1			1																									2	2

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