

OPERATIONS STAFF ROUTING

FROM: [redacted]

DATE: 25 JUN 1963

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

REMARKS:

F.O. received a copy

OPS FILES

NPIC/FM-115(4-63)

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S-E-C-R-E-T

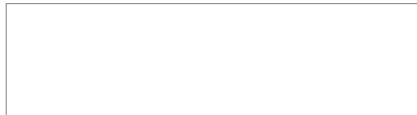
CWG-BK-30
21 June 1963
Copy 21 of 35

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 - 19 June.
 - 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 13 - 19 June.

2. During 13 - 19 June, 10 BRASS KNOB missions were flown, and 85 percent of the total land area of Cuba was covered by photography with 25 percent or less cloud cover. This degree of coverage represents a marked improvement over that of the previous 7-day period, during which the weather was unusually poor and 40 COMOR targets were not adequately covered. During 13 - 19 June, in spite of cancellation of missions on the 15th and an uncompleted mission on the 19th, only 9 of the COMOR targets were not covered.



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**Chairman
COMOR Working Group**

**Group 1
Excluded from automatic down-
grading and declassification**

S-E-C-R-E-T

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			
Siguanea Cruise Missile Site								1						1	1	1	*																4	4
Banes Cruise Missile Site												1	1				*																2	2
Santa Cruz del Norte Cruise Site	1	1				1	1	1				1	*	*		1	1															8	8	
Camilo Cienfuegos Airfield	*				1	1	1				**	*	*	*	*	1	1	*														5	5	
Camaguey Airfield	*							1				1	1	1	*	1	*															5	5	
Holguin Airfield											*	1			1	1	1	*														4	4	
San Antonio de los Baños Airfield	1	*	*		*	2	1	1			*				1	1	1															7	6	
Mariel Naval Base	1	*	*		1	*	1	*				1			*	1	1															6	6	
Banes Naval Base											1	1			*																	2	2	
Cienfuegos Naval Base	2				*	1	1				2	1			1	1																9	7	
Santiago de Cuba Port											*	1			1	1	1	1														5	5	
La Isabela Port	1				1	*	*	*	*		*	1			1	1	*	*														5	2	
Casilda Port	1				1	1	1	*	*	*	*	*	*	*	*	*	1	*															5	5
Matanzas Port	1	*			*	2	1	*			1				*	1	1	*														7	6	
Havana Port	1	*	*		1	1	1	*			1	*	*	*	*	1	1	*														7	7	
Guantanamo Area											*				1	1	1	*														3	3	
Pinar del Rio Military Camp	*	1				*									1	1																3	3	
Artemisa Military Camp	*				*	2	1	*			*				*		1	1															5	4
Holguin Military Camp				1	1						2				*	1	*															5	4	
Camaguey Military Camp***	*					1				1	1	1			1	1	*															6	6	
Remedios Military Camp	1		1			1				1	1	1			2	*	*															8	7	
Santiago de las Vegas Military Camp	1	*			*	1	*	*	*	*	*	*			1																	3	3	
Lourdes (Torrens) Army Camp	*	1			1	1	1				*				*		1	*														5	5	
Limonar Military Camp	1					2	1				1				1	1																7	6	
Managua Ammo. Storage	*	1			1	1	1	1			*				1	1																4	4	
Bejucal Ammo. Storage	1	1			1	2	1	1			1				1	1																6	6	
	*					*				*	1				1	*	1																10	9
																																	3	3

* 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 number or asterisk, the target may have been overflown but no useable photography was obtained.

**BRASS KNOB missions for 1,11 and 15 June were cancelled because of bad weather. Numbers under 5 June represent [] missions.

***Added to COMOR List 14 June 63

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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 MREM No. 1	1	1					1	1								1	1																7	7
San Cristobal MREM No. 3	1						1	1	1		1							1															7	7
Guana'ay IREM No. 1	1	1	1				1	2	1	1				1				1														11	10	
Sagua La Grande MREM No. 1	1							1				2	1			1	1		1													8	7	
Sagua La Grande MREM No. 2	1					1		1	1			2	1	1		2	1	1														12	10	
Remedios IREM Site	2							1			1	1	1		2	1	1		1													10	8	
San Cristobal MREM No. 4	1						1	1		1					1		1															7	7	
Guana'ay IREM No. 2	1	1	1				1	2							1				1													9	8	
Tapaste Storage	1	1					1	2	1									1	1													8	7	
Santa Lucia SAM No. 1	1						1								1																	3	3	
San Julian SAM	1	1						1				1																				4	4	
La Coloma SAM	1	1						1												1												4	4	
Marief SAM	1							1	1	1					1			1	1	1												8	8	
Matanzas SAM	1							1	2	1								1	1	1												8	7	
Cienfuegos SAM	2						1	1				2	1			1																8	6	
Sagua La Grande SAM							1	2							2		1	1														7	5	
Caibarien SAM	2							1				2	1	1		2	1															10	7	
Sancti Spiritus SAM								1				1	1		1	1	1		1													6	6	
Los Angeles SAM				1							2	1						1														5	4	
Jiguani SAM											2	1					1															4	3	
Siguanea SAM								1					1		1	1	1		1													5	5	
Manzanillo SAM												2				1		1														4	3	
Manati SAM												1	1		1	1	1															5	5	
Chambas SAM								1				2	1					1														5	4	
Esmeralda SAM									1			2	1				1															7	6	
Santiago de Cuba SAM	1											1			1	1	1		1													5	5	
Santiago de Cuba SAM Assembly Area												1	1		1	1	1		1													6	6	
Deleite SAM No. 1	1					1		1	1		1							2	1													8	7	
Santiago de las Vegas SAM Area	2	1				1	2	1			1			1		1																10	8	
Ciego de Avila SAM	1							1			2	1	1		2	1	1															10	8	

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June 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																																			
Ciego de Avila SAM Assembly Area	1								1		1	1						1	1	1														7	7		
Cifuentes SAM Assembly Area	1																			1	1													4	4		
Victoria de las Tunas SAM Area													1						1	1														3	3		
Maldonado SAM													1	1						1	1	1												6	6		
Camaguey SAM A/F									1			1	1	1						2	1	1												8	7		
Holguin SAM													1	1						1	1	1												5	5		
Managua SAM	1							1	2		1																							6	5		
Majana SAM	1	1						1	2		1										1	1	1											9	7		
Siguanea Cruise Missile									1											1	1													4	4		
Banes Cruise Missile													1	1																					2	2	
Santa Cruz del Norte Cruise Missile	1	1						1	1	1		1																						8	8		
Campo Florido Pos. Cruise Missile	1	1						1	1	1		1																							7	7	
Guerra Pos. Cruise Missile	1							1		1		1		1							1	1	1											8	8		
Camilo Cienfuegos A/F								1		1	1																								5	5	
Camaguey A/F										1		1	1	1																					5	5	
Holguin A/F													1								1	1	1												4	4	
Los Canos A/F													2	1							1	1	1	1											7	6	
Preston A/F													2	1							1	1	1	1											7	6	
Siguanea A/F										1				1							1	1	1												5	5	
Antonio Maceo A/F													1	1							1	1	1	1											6	6	
Coronel Pascual A/F										2	1		1								1	1	1												8	7	
San Antonio de los Baños A/F	1									2	1	1																							7	6	
San Julian A/F	1	1								1																									4	4	
Jose Marti International A/F	2	1	1					1	2	1	1	1																							13	11	
Campo Libertad A/F	2	1	1					1	2	1	1	1																							12	10	
Playa Baracoa	2	1	1					1	2	1	1	1																							13	11	
Col. Martin Marrero A/F										1																										4	4
Jaime Gonzales A/F	2							1	1	1			2								1	1	1												10	8	
Bayamo East A/F													2																						3	2	

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SECRET

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June 1963

SECRET

TARGET	DATES																															TOTAL				
	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	SORTIES	DAYS COVERED			
Pinar del Rio A/F	1	1					1			1		1			1	1																		7	7	
Trinidad A/F	1				1		2	1							1	1	1																	8	7	
Mariel Naval Base	1					1	1							1			1	1																6	6	
Banes Naval Base												1	1																					2	2	
Punta Alegre Port	1							1			2	1					1	1	1															8	7	
Baracoa Port												1							1	1															3	3
Cienfuegos Naval Base	2						1	1			2	1				1	1																		9	7
Manzanillo Port											2						1	1																	4	3
Moa Port												1					1																		2	2
Santiago de Cuba Naval Base												1				1	1	1	1																5	5
Nuevitas Port											2	1					1	1																	5	4
Nueva Gerona Naval Port							1	1						1		1	1																		5	5
La Isabela Port	1					1						1				1	1																		5	5
Caibarien Port	2						1				2	1				2	1		1																10	7
Cardenas Port								2	1	1		1				1	1	1																	8	7
Casilda Port	1				1		1	1											1																5	5
Jucaro Port	1						1				2	1				1	1																		7	6
Santa Lucia Port	1	1					1	1		1						1																			5	5
Matanzas Port	1							2	1		1						1	1																	7	6
Surgidero de Batabano Naval Port	2	1					1	2	1	1							1	1																	10	8
Havana Naval Base	1						1	1	1		1						1	1																	7	7
La Coloma Port	1	1					1	1								1	1	1																	7	7
Cabanas Port	1	1					1	2	1								1	1	1																9	8
Bahia Honda Port	1				1	1	2	1									1	1	1																9	8
Puerto Padre Port Fac. (Juan Claro)											1					1	1	1																	4	4
Havana Rdo. Sta. San Augustin	2	1	1				1	2	1				1				1	1																	11	9
Guantanamo Area														1			1	1	1																3	3
Manzanillo Military Camp																																			0	0
Pinar del Rio Mil. Installation	1															1	1																		3	3
San Antonio de los Baños Mil. Stor.							1	1					1			1	1																		5	5

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SECRET

GROUP 1
Excluded from automatic
downgrading and declassification

June 1963

SECRET

TARGET	DATES																															TOTAL	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									2	1																							5	4
La Boca Military Camp	1	1	1						1	2	1	1			1																	11	10	
Bahia Honda Military Camp	1								1	1	1	1																				8	8	
Maribel Military Camp (Loma Goberadores)										1	1																					4	4	
Holguin Military Camp				1	1																											5	4	
Camaguey Military Camp										1				1	1	1																6	6	
Opelia Military Camp																																	3	3
El Jucaro Military Camp													1	1																		4	4	
Remedios Military Camp	1									1			1	1	1																	8	7	
Alto Cedro Military Camp																																	5	5
										1	1																						7	7
										2	1	1																					10	9
Santiago de las Vegas Tank Park	1									1																						3	3	
San Jose de las Lajas Mil. Camp	2	1								1	2	1	1																			10	8	
Torrens (Lourdes) Army Camp	1									1	1	1																				5	5	
Santa Clara Military Activity	1									1																						8	7	
Madruza Military POL Storage	1										2	1																				7	6	
Limonar Military Camp	1										2	1																				7	6	
Camaguey Military Training Camp											1				1	1	1															7	7	
San German DPO Caridad Finca															2	1																6	5	
Victoria de las Tunas Mil. Training																1	1															4	4	
Managua Military Inst.	2									1	2	1	1																			10	8	
El Cristo Military Area																1	1															6	6	
Santa Fe (Isla de Pinos) Mil. Area																	1															3	3	
Cayo Largo Island Military Area																																0	0	
Mazareno Military Area	2	1														1																8	7	
Campo Florido Military Camp	1										1	1	1																			7	7	
Bajurayabo Military Area	1	1									1	2	1																			8	7	
Guanabacoa Military Area	2	1									1	2	1																			9	7	
Mestanza Explosive Storage Site	1	1									1																					4	4	

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SECRET

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SECRET

June 1963

TARGET	DATES																															TOTAL	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	2	1						1	2	1	1	1																				9	7	
Havana Area Military Camp	2	1						1	2	1	1	1				1	1															11	9	
Las Mercedes Military Camp												2					1	1														4	3	
Guane Military Camp	1																															1	1	
Zaragoza Area Military Camp***																1																1	1	
Holguin Military Area West ***																1	1	1														3	3	
Holguin Military Area Encampment***										1						1																2	2	
San Jose de las Lajas Storage***												1			1	1	1															4	4	
La Jutia Military Installation***												1			1	1	1															4	4	
El Criollo Military Camp ***												1			1	1																3	3	
Minas Area Military Camp ***																1																1	1	
Camp Cantal (Cardenas) Mil. Area***																1	1															2	2	
Havana Vehicle Park ***																	1															1	1	
Lomas de Mesas de Managua Tank Park***												1			1	1																3	3	
Trinidad Poss. Military Hdqs.***																																0	0	
Guanajay Area (Martin Mesa) Mil. Camp												1			1	1																3	3	
Altagracia Military Area ***												1			1																	2	2	
Guanabana Area Military Activity***																1	1																2	2
Limonar Tank Training Area ***												1			1	1																	3	3
San Diego de Nunez Mil. Camp ***																	1																1	1
Buena Vista Mil. Camp ***																																	0	0
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																2	2
Hogar del Nino Military Area***																	1																1	1
Pinar del Rio(City)Poss.Mil.Area***																																	1	1
Consolacion Del Sur Mil. Hdqs.***																																	0	0
Minas (Camaquey) ***																1	1																3	3
Special Area Alpha	2	1						1	2	1					1		1	1														10	8	
Special Area Hotel	1	1	1					1	2	1	1				1		1	1															12	11

50X1

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SECRET

June 1963

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						
Special Area Bravo Blue	1	1						2	1	1																									9	8	
Special Area Bravo Red	2	1					1	2	1				1																						9	7	
Special Area Victor	2	1	1				1	2	1	1		1	1																						13	11	
Special Area Tango	1	1	1				1	2	1	1																									12	11	
Landing Beach (Siboney)												1	1				1	1	1	1															6	6	
Landing Beach (Playa Yateritos)													1																						4	4	
Landing Beach (Tarara)	1	1					1	2	1	1		1	1																						11	10	
Matanzas Landing Beach	1	1					1	2	1	1		1																							11	10	
Peninsula de Hicacos Landing Beach	1							2	1			1																							8	7	
Cienfuegos Landing Beach	2					1	1	1				2	1																						10	8	
Mar Verde Beach													1	1																					6	6	
Esenada Colorado Beach	2					1	1	1				2	1																						10	8	
Playa Colombo Landing Beach													1																						4	4	
Playa de Flamencos Landing Beach														1																					4	4	
Nicarao Beach												2	1																						5	4	
													1																						4	4	
	1	1						1	2	1	1																									9	8
Managua Ammo. Storage													1																						6	6	
Bejucal Ammo. Storage	1	1						1	2	1	1																								10	9	
Bara Jaena Storage (La Rosita Area)							1	1	1			1	1																						9	9	
													2																							3	2
													1																							3	3
														1																						11	9
															1																					5	5
													2	2																						8	6
														1																						3	3
																																				7	7
														1	1																					4	4
																																				5	4
																																				4	3

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SECRET

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