

FROM:

DATE: **22 APR 1963**

	TO	INITIALS	DATE	FOR YOUR									
				SIGNATURE	INFORMATION	COMMENTS	CONCURRENCE	APPROVAL	ACTION	SEE REMARKS BELOW	FILE	RETURN	SEE ME
DIR	2		4/23										
DEP/DIR													
EXEC/DIR	1			22/Am									
ASST FOR OPS													
ASST FOR ADMIN													
 ASST FOR P&D	3												
CH/CSD													
CH/PSD													
CH/PD													
CH/TID													
SIO/CIA (PID)													
SIO/ARMY													
SIO/NAVY													
SIO/AF													
LO/DIA													
LO/NSA													

REMARKS:

OPS FILES

STAT
STAT
STAT

BK (Cover)

S-E-C-R-E-T

CWG-BK-21
19 April 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 11 - 17 April.
 - 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 11 - 17 April.
2. As the pattern of coverage indicates, weather conditions have deteriorated during the past few days. Twenty-seven of the COMOR targets were not covered during 11 - 17 April. Of these three were in the highest priority category. About 90 percent of the total land area of Cuba was covered by photography with 25 percent or less cloud cover.

[Redacted Signature Box]

50X1

Chairman
COMOR Working Group

Group 1
Excluded from automatic down-
grading and declassification

S-E-C-R-E-T

Attachment A to CWG-BK-22

SECRET BRASS KNOB Coverage of Highest Priority Targets during 1-17 April 1963

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		
Siguanea Cruise Missile Site						1	1			1	1																						5	5	
Banes Cruise Missile Site										1	1																						5	5	
Santa Cruz del Norte Cruise Site	1			2	1	1				1																							7	6	
Camilo Cienfuegos A/F	1			1	1					2			2	1		2																	10	7	
Camaguey A/F			1				1					1					1																4	4	
Holguin A/F	1	2	1				1	1	1	1	1	1	1			2																	14	12	
San Antonio de los Baños A/F	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	2	1																20	16	
Marl Naval Base	1	1	2	1	2	1	2	2	1	1	1	1	1	1	1	2	1																21	15	
Banes Naval Base							1	1	1	1	1						2																8	7	
Cienfuegos Naval Base							1				1	1	1																					5	5
Santiago de Cuba Port	1	1					1	1	1																								6	6	
La Isabella Port	1	1			1	1	1			1	1					1	1																10	10	
Caibarien Port	1	2	1	1	2	2	1	2	1	2	1	1	1	1	2	1	3																23	15	
Cardenas Port	1	1					1	1										2															9	8	
Casilda Port								1	1	1	1						1																6	6	
Matanzas Port						1	1	1	1	1	1					1	2																9	8	
Havana Port	1	1	2	1	2	2	2	2	1	1	1	1	1	1	1	1	1																23	16	
Guantanamo Area	1	1						1	1	1																							6	6	
Pinar del Rio Military Camp										1	1	1	1	1	1	1	1																5	5	
Artemisa Military Camp						1		2	1	1	1	1	1	1	1	1	2																10	9	
Holguin Military Camp						1	1	2				1	1	1	1	1	1																9	8	
Remedios Military Camp						1					1	1	1	1	1	1	1																8	8	
Santiago de los Vegas Military Camp						1	1	1	1	1	1	1	1	1	1	1	1																7	7	
Torrens (Iourdes) Army Camp						1		2	1				1	1	1	1	1																8	7	
Limonar Military Camp						1	1			1	1	1	1	1	1	1	1																8	8	
Camaguey Military Camp						1	1	1	1	1	1	1	1	1	1	1	1																5	5	
																																		1	1
Managua Ammo. Storage						2		2	2	1	2	2	1	1	1	1	1																18	12	
Beitucal Ammo. Storage						2	1	2	2	2	2	1	1	1	1	1	1																22	15	
						1				1																								5	5

50X1

50X1

50X1

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	
San Cristobal MRBM No. 1				1	2	1			1	1						1																	8	7
San Cristobal MRBM No. 3	1	1	2		2	1			2	1	1	1		1	2	1																	17	13
Guana Jay TRBM No. 1	2	2	1	2	1	2	2	1	2	2	1	1	1	1	2	1																	24	16
Sagua La Grande MRBM No. 1						1	1		1	1				1	1																		6	6
Sagua La Grande MRBM No. 2		2			1	1			1	1	1	1	1	1	1																		9	8
Remedios TRBM				1		2	1	1		2	1	2	1	2	1	2	1																17	12
San Cristobal MRBM No. 4											2	1	1	1	1	1	1																10	8
Guana Jay TRBM No. 2	1	2	2	2	2	2	1	1	2	2	1	1	1	1	1	1	1																24	16
Tapaste Storage	2	1			2	2	2	1	2	2	1	1		1	3																		20	12
Santa Lucia SAM No. 1																																	2	2
San Julian SAM					1	1				1	1																						5	5
La Coloma SAM						1																											2	2
Maribel SAM	1	1	1	1	2	2			2	1				1	2																		16	11
Matanzas SAM	1	1		1	1	1			1	1					1	1																	10	10
Bahia Honda SAM			1	1		2	1																										8	6
Bayana E. SAM	2	2			1	1	1	1	2	2	1	1	1	1	1	2																	17	12
Cienfuegos SAM		1	1	1									1																				5	5
Sagua La Grande SAM	1				1					1					1	1																	5	5
Catiblan SAM	1	1	2	2	2	2	1	1	1	1	1	2		2	1	2																	21	14
Santi Spiritus SAM			1	1			1			1																							5	5
Gasparra SAM	1	2	2			1	1	1	2	1	1		1	1	1																		15	12
Los Angeles SAM						1	1	1	1			1																					5	5
Jiguani SAM	2	1	1						2	1																							7	5
Siguanea SAM						1																											2	2
Manzanillo SAM	1							1	1	1																							5	5
Manati SAM								1							1																		3	3
Senado SAM			1	1		1	1	1							1																		8	7
Chambas SAM			1						1				1	1	1	1																	5	5
Esmeralda SAM			1																														4	3
Santiago de Cuba SAM			1							1																							2	2

50X1

SECRET

GROUP 1
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 downgrading and declassification

SECRET

April 1963

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	
Santiago de Cuba SAM Assembly Area	1						1	1	1																								6	6
Deleite SAM No. 1						1	1																										6	5
Santiago de los Vegas SAM Area			1	1	1	2	2	1	1	1	1	1	1	1	1	2	1																18	15
Ciego de Avila SAM	1	1	1	1	1	1	1	1							1	1																	10	10
Deleite SAM No. 2						1	1																										6	5
Pinar del Rio SAM Assembly Area						1					1	1																					4	4
Ciego de Avila SAM Assembly Area				1			1	1	1			1																					5	5
Cifuentes SAM Assembly Area																																	0	0
Victoria de las Tunas SAM Area	1									1																							4	4
Maldonado SAM							1	1	1																								4	4
Camaguey SAM							1					1																					4	4
Holguin SAM	2	2	1								1	1																					11	8
Managua SAM	2	2	1			2	2	2	1	2	2	1	1	1	1	1	2																22	14
Majana SAM	1	1								1	1	1	1																				8	8
Signeas Cruise Missile							1	1			1	1																					5	5
Banes Cruise Missile										1	1	1																					5	5
Santa Cruz del Norte Cruise Missile	1					2	1	1			1																						7	6
Sierra Cruise Missile		1					1	1			1	1																					6	6
Campo Florida Poas. Cruise Missile	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1	2																	17	14
Guerra Foss. Cruise Missile	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2																	13	12
Camilo Cienfuegos A/F	1			1	1						2				2	1	2																10	7
Camaguey A/F				1				1				1				1																	4	4
Holguin A/F	1	2	1				1	1	1	1	1	1	1	1	1	2	1																14	12
Los Canos A/F	1							1	1	1	1																						5	5
Preston A/F				1				1	1	1	1																						7	7
Signeas A/F					1						1																						3	3
Antonio Maceo A/F	1									1	1																						3	3
Coronel Pascual A/F	1	1			1	1	1			1	1																						9	9
San Antonio de los Baños A/F	1	1	2		1	2	2	1	1	1	1	1	1	1	1	2	1																20	16
San Julian A/F							1																										2	2

* Added at the COMOR Working Group meeting of 9 April.

SECRET

GROUP 1
Excluded from automatic
downgrading and declassification

50X1

SECRET

April 1963

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	
Jose Marti International A/F	2	1	2	2	2	2	2	1	2	1	1	1	1	1	1	1	2	1															24	16
Campo Libertad A/F	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	1																15	14
Mariel Naval Air Station	1	1		2	2	1	1	2	1	1	1	1	1	1	1	1	1	1	3	1													16	11
Playa Baracoa	1	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2															18	14
Managua A/F	1	2	2	1	2	2	1	2	2	1	1	1	1	1	1	3																	21	13
Col. Martin Marrero A/F				1						1																							2	2
Jaime Gonzales A/F		1		1		1	1			1	1					1																	7	7
Bayamo East A/F	2	1	1	1	1	1				1	1																						9	8
Pinar del Rio A/F				1				1	1	1	1						2																7	6
Trinidad A/F	1	1											1	1	1																		5	5
Mariel Naval Base	1	1	2	1	2	1	2		2	2	1	1	1	1	1	2	1																21	15
Banes Naval Base						1	1	1	1	1	1	1	1	1	2																		8	7
Punta Alegre Port	1	2	1	1					1	1	1	1	1	1																			8	8
Baracoa Port								1	1	2																							3	2
Cienfuegos Naval Base						1			1	1	1	1	1	1																			5	5
Manzanillo Port	1	1	1				1	1	1	1	1	1	1	1	1																		8	8
Moa Port	1						1	1	1	1																							4	4
Santiago de Cuba Naval Base	1	1					1	1	1	1																							6	6
Nuevitas Port	1	1	1	1		1	1	1			1					2																	10	9
Nueva Gerona Naval Port					1				1	1						1																	4	4
La Isabella Port	1	1			1	1	1	1	1					1	1																		9	9
Caibarien Port	1	2	1	1	2	2	1	2	1	2	1	1	1	2	1	3																	23	15
Cardenas Port	1	1			1	1		1	1					1	2																		9	8
Castilla Port							1	1	1	1				1	1																		6	6
Jucharo Port	1	1	1	1		1	1	1	1	1		1	1	1																			11	11
Santa Lucia Port			1	1				1	1	1						2																	6	5
Matanzas Port						1	1	1	1	1				1	2																		8	7
Surgidero de Batabano Naval Port	2				1	1	1	2	2					1	2	1																	13	9
Havana Naval Base	1	1	2	1	2	2	2	2	2	1	1	1	1	1	1	1																	23	16
La Coloma Port					1					1																							2	2

50X1

SECRET

GROUP 1
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SECRET

April 1963

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	
Cabanas Port	1	1	2	1	1	2	1			1	1	1	1	1	1																		14	12
Bahia Honda Port	1	1	1	2	2	1	1	1	1	1	1	1	1	1	3	1																	14	10
Puerto Padre Port Facility	1	1	1	1	1	2	1	2	1	2	1	1	1	1	1	1	2	1															12	10
Havana Commo. Site	1	1	1	1	2	2	2	2	1	2	1	1	1	1	1	2	1																23	17
Guantanamo Area	1	1				1	1	1	1																								6	6
Manzanillo Military Camp	1						1	1								1																	4	4
Pinar del Rio Mil. Installation								1	1	1	1	1				1																	4	4
San Antonio de los Banos Mil. Stor.	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	2	1																18	14
Artemisa Army Camp	1		2	1	1	1	1	1	1	1	1	1	1	1																			10	9
La Boca Military Camp	1	2	2	2	1	1	1	1	1	1	1	1	1	1	2																		14	10
Bahia Honda Military Camp	1	2	1	2	1											2	1																10	7
Mariel Military Camp	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	1																	14	12
Holguin Military Camp	1	1	2					1	1	1	1	1	1	1																			9	8
Camaguey Military Camp		1			1	1	1								1																		5	5
El Jucaro Military Camp					1	1	1	1	1	1	1	1	1	1	1																		7	7
Remedios Military Camp	1			1	1	1	1	1	1	1	1	1	1	1																			7	7
Alto Cedro Military Camp		1	1	1	1	1	1	1	1	1	1	1	1	1																			4	4
	1	2	1	2	2	1	2	2	1	2	1	1	1	1	2	1																	20	14
	1	1	2	2	2	2	1	2	1	1	1	1	1	3	1																		21	14
Santiago de los Vegas Barr. BN114				1	1	1	1	1	1	1	1	1	1																				7	7
San Jose de las Lajas Mil. Camp	2	1	2	2	1	2	2	1	2	1	1	1	1	1	2																		17	11
Torrens (Lourdes) Army Camp	1		2	1				1	1	1	1	1	1																				8	7
Santa Clara Military Activity	1	1	1	1	1	1	1	1	1	1	1	1	1																				6	6
Managua Mil. POL Storage	1				1	1	1									1																	4	4
Limonar Military Camp	1	1				1	1	1	1	1	1	1	1	1																			8	8
Camaguey Military Training Camp		1				1	1	1	1	1	1	1	1																				4	4
San German DPO Caridad Finca	1	1	1	1	1	1	1	1	1	1	1	1	1	1																			10	10
Largas Troop Concentration															1																		3	3
Managua Military Inst.	1	2		1	1	2	1	1	1	1	1	1	1	1	2																		14	11
El Cristo Military Area	1	1						1	1																								4	4

50X1

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SECRET

April 1963

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		
Santa Fe (Isla de Pinos) Mil. Area					1	1					1																						4	4	
Cayo Largo Island Military Area																																		0	0
Nazareno Military Area	1	2	1		2	1	2	1	1	1	1	1	1		1	1																	16	13	
Guanabo Military Area	2	1			2	1			1	2		1	1		2																		13	9	
Campo Florida Military Camp	1	1			2	2	1			2		1	1		2																		13	9	
Bajureyabo Military Area	1	1			1	1	1	1	1	2	1	1	1	1		2	1																16	14	
Guanabacoa Military Area	1	2			1	2	1	1	1	2	1				1	1	3	1															18	13	
Mestanza Explosive Storage Site								1	1	1		1				1																	5	5	
Loma de Tierra Military Area	1	2			2	1	2		1	1	1	1		1																			13	10	
Havana Area Military Camp	1	1	1		2		2		1	2	1	1		1	1	2	1																17	13	
Guane Military Camp *																																	0	0	
Special Area Alpha	2	2	2	1	2	2	2	1	2	2	1	1	1	1	1	2	1																26	17	
Special Area Hotel	2	1	2	1	2	2	2	1	2	2	1	1	1	1	1	1	1																24	17	
Special Area Bravo Blue	1	2	1	1	2	2	2	1	2	1	1	1	1	1	1	2	1																23	17	
Special Area Bravo Red	1	2	2	1	2	2	2	1	2	2	1	1	1	1	1	1	1																23	16	
Special Area Victor	2	1	1	1	2	2	1	1	1	2		1	1	1	1	1	1																20	16	
Special Area Tango	2	2	2	1	2	2	1	1	2	1	1	1	1	1	1	1	1																22	16	
Landing Beach (Siboney)	1		1					1	1	1	1				1	1	1																6	6	
Landing Beach (Playa Yateritos)									1	1	1	2																					5	4	
Landing Beach (Tarara)	1	2	2	2	1	2	2	2	3	2	1	1	1	1	1	3	1																27	16	
Matanzas Landing Beach	1	1			1	1	1	1	1	1				1	1																		10	10	
Peninsula de H. caros Landing Beach	1	1		1	1	1			1	1				1	1																		9	9	
Cienfuegos Landing Beach	1		1		1	1								1																			5	5	
Mar Verde Beach	1		1					1	1																								4	4	
Ensenada Colorado Beach	1	1		1		1	1					1	1																				7	7	
Playa Colombo					1				1	1		1			1																		3	3	
Playa Flamencos					1				1	1		1			1																		3	3	
Nicarao Beach	1	1	1			1	1	1	2		1				1																		10	9	
									1	1																								1	1
	2	2	1		2	1	1		2	2	1	1	1	1	1	1	1																19	14	

* Added at the COMOR Working Group meeting of 9 April

SECRET

April 1963

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		
Managua Ammo. Storage	2				2	2	1	2	2	1	1	1	1	1	3	1																		19	12
Rejucal Ammo. Storage	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1																		22	15
Bara Jaxua Storage			1	1	1	1	1	1	1	1	1	1	1	1	1	1																		7	7
	1				1			1	1	1	1	1	1	1	1	1																		8	8
	1						1									1																		4	4
	1						1	1	1	1	1	1	1	1	1	1																		8	8
	1						1	1	1	1	1	1	1	1	1	1																		5	5
	1						1	1	1	1	1	1	1	1	1	1																		5	5
	2	2	2	1	2	2	1	1	2	1	1	1	1	1	2	1																		22	15
	2	2	1	1	2	1		2	1	1	2	2	2	2	2	2																		16	10
	1	1	1	2		1	1	1	1	3	1	1	1	1	1	2	1																	2	2
	1	1	1	2		1	1	1	1	3	1	1	1	1	1	2	1																	19	15
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																		4	4
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																		4	4
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																		5	5
	1	2	2		1	1	1	2	1	1	1	1	1	1	2	1																		17	13
	2	1	1				1	1	1	1	1	1	1	1	1	1																		5	4
	1	1	2	2		1	1	2	1	1	1	1	1	1	1	1																		15	12
																	1																	4	3
	2		1	2	2	2	1	1	1	1				2	1	1	1																	17	12
	1		1	1	1	1	1	1	2	1	2	2	1	1	1	1																		13	10
	1	1			1	1	1	1	1	1	1	1	1	1	1	1																		8	8
	1	1			1	1	1	2	1	1	1	1	1	1	1	1																		7	6
	1	1	1				1	1	1	1	1	1	1	1	1	1																		4	4
					2	1	2	1	2	2	1	1	1	1	1	3																		16	10
																1	2	1																4	3

* Added at the COMOR Working Group meeting of 9 April

SECRET

GROUP 1
Excluded from automatic
downgrading and declassification

