

OPERATION STAFF ROUTING

FROM: [redacted]

DATE:

26 AUG 1963

Sequence	Unit	
3	Chief, Ops Staff	[redacted]
1	Dep/Ch, Ops Staff	
2	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-39**  
**23 August 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 - 21 August.
  - 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 15-21 August.

2. In spite of poor weather, which resulted in cancellation of the mission on 19 August, coverage of the COMOR objectives remained satisfactory during 15-21 August. Only 6 of the targets were not covered, and none of these was in the Highest Priority category. Because of haze, however, the quality of oblique photography declined, so that only 57 percent of the land area of Cuba was covered by photography with 25 percent or less cloud cover.



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-39

SECRET

BRASS KNOB Coverage of Highest Priority Targets During 1 - 21 August 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					
San Julian SAM Site								1			1		*	1	1																		4	4		
Siguanea Cruise Missile Site								*	1	1	1	1	1	1	1																		4	4		
Santa Cruz del Norte Cruise Site	1	1						*	1	1	1	1	1	1	1																		7	7		
Camto Florida Poss. Cruise Missile		1						*	1	1	1	1	1	1	1																		6	6		
Camilo Cienfuegos Airfield	1							1	1	*	*	1	*	*	*	1	1	1															7	7		
Holguin Airfield		1						*		1	*																						3	3		
San Antonio de los Banos Airfield		1						1	*	*	1	1	1	1	*																		5	5		
Mariel Naval Base	1	1						1	1	1	1	1	1	*	*																		7	7		
Cabanas Naval Facility		1						1	1	1	1	1	1	*	1																		7	7		
Banes Naval Base								*		*	1					*																		2	2	
Cienfuegos Naval Base	1	1						1	1	*	1	1	1	1	1	*	*	1	1														12	12		
Santiago de Cuba Port								1	1	1	1	1	1	*	*	1	1	1															5	5		
Nueva Gerona Port	1									1						1																	3	3		
La Isabela Port								1	*	1	1	*	1	1	1	*	*	1															9	9		
Casilda Port	1	1						1	1	1	1	1	1	1	*																		10	10		
Matanzas Port	1	1						1	1	*	1	1	1	1	1	1	*																8	8		
Havana Port	1	1						1	1	1	1	1	1	*	*	1																	7	7		
Guantanamo Area								1			*					*	1					*												2	2	
Pinar del Rio Military Camp								1	1	1	*	*	*	*	1																			4	4	
Artemisa Military Camp		1						*	*	1	1	1	1	*																				4	4	
Holguin Military Camp								*			1	1	1																					3	3	
Camaguey Military Camp											1	2	1	1	1	*																		5	4	
Remedios Military Camp								1	*	1	*	1	1	*	*	*																		4	4	
Santiago de las Vegas Military Camp	1	1						*	*	1	1	1	1	1	1																			6	6	
Torrens (Lourdes) Army Camp	1	1						1	1	1	1	1	*	*	1																			6	6	
Limonar Military Camp	1	1						1	*	1	1	1	1	1	1	*																		7	7	
						1					1	1	1	*	*	*	1	*	*															4	4	
								1	1	1	*	*	*	*	1	*	*																		4	4

\* 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.

\*\*BRASS KNOB missions for 4,5,14 and 19 were cancelled because of bad weather.

SECRET

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BRASS KNOB Coverage of ALL COMOR Targets  
During - 1 = 21 August 1963

Attachment B to CWG-BK-39

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	1						1	1	1	1	1	1	1	1																		8	8
San Cristobal MRBM No. 3	1	1						1	1	1	1	1	1	1	1																		8	8
Guana,lay IRBM No. 1	1	1						1	1	1	1	1	1	1	1																		9	9
Segua La Grande MRBM No. 1	1	1						1	1	1	1	1	1	1	1																		9	9
Segua La Grande MRBM No. 2	1	1	1					1	1	1	1	1	1	1	1																		13	13
Remedios IRBM		1						1	1	1	1	1	1	1	1																		9	9
San Cristobal MRBM No. 4	1	1						1	1	1	1	1	1	1	1																		7	7
Guana,lay IRBM No. 2	1	1						1	1	1	1	1	1	1	1																		9	9
Tapaste Storage Areas	1	1						1	1	1	1	1	1	1	1																		8	8
Santa Lucia SAM No. 1									1	1	1	1	1	1	1																		4	4
San Julian SAM								1	1	1	1	1	1	1	1																		4	4
La Coloma SAM									1	1	1	1	1	1	1																		4	4
Marief SAM	1	1							1	1	1	1	1	1	1																		8	8
Matanzas SAM	1	1						1	1	1	1	1	1	1	1																		7	7
Cienfuegos SAM	1	1						1	1	1	1	1	1	1	1																		12	12
Segua La Grande SAM	1	1						1	1	1	1	1	1	1	1																		13	13
Caibarien SAM	1	1						1	1	1	1	1	1	1	1																		8	8
Sancti Spiritus SAM	1	1						1	1	1	1	1	1	1	1																		8	8
Los Angeles SAM									1	1	1	1	1	1	1																		4	4
Jiguani SAM								1	1	1	1	1	1	1	1																		6	6
Siguanea SAM									1	1	1	1	1	1	1																		4	4
Manzanillo SAM								1	1	1	1	1	1	1	1																		4	4
Manati SAM		1							1	1	1	1	1	1	1																		5	5
Chambas SAM	1	1							1	1	1	1	1	1	1																		5	5
Esmeralda SAM		1							1	1	1	1	1	1	1																		6	6
Santiago de Cuba SAM		1							1	1	1	1	1	1	1																		7	7
Santiago de Cuba SAM Assembly Area		1							1	1	1	1	1	1	1																		8	8
Deleite SAM		1	1						1	1	1	1	1	1	1																		7	7
Santiago de las Vegas SAM Area	1	1							1	1	1	1	1	1	1																		7	7
Ciego de Avila SAM	1	1							1	1	1	1	1	1	1																		6	6

50X1

SECRET

SECRET

August 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			
Pinar del Rio SAM Assembly Area											1	1	1																					5	5	
Ciego de Avila SAM Assembly Area	1	1					1	1								1																		7	7	
Cifuentes SAM Assembly Area			1				1								1																			4	4	
Victoria de las Tunas SAM Area							1															1												5	5	
Maldonado SAM			1				1				1											1												8	8	
Camaguey A/F SAM	1						1				1											1												9	9	
Holguin SAM							1				1											1												6	6	
Managua SAM	1	1					1				1											1												8	8	
Majana SAM	1	1					1				1											1												5	5	
Siguanea Cruise Missile											1																							4	4	
Banes Cruise Missile																																			3	3
Santa Cruz del Norte Cruise Missile	1	1					1				1											1												8	8	
Campo Florido Cruise Missile	1	1					1				1											1												7	7	
Guerra Cruise Missile Storage	1	1					1				1											1												8	8	
Santiago de Cuba Cruise Missile Strg																																			4	4
Camilo Cienfuegos (Santa Clara) A/F	1						1				1											1												7	7	
Camaguey International A/F	1	1					1				1											1												10	10	
Holguin A/F											1																								3	3
Los Canos A/F							1				1											1													7	7
Preston A/F							1				1											1													7	7
Siguanea A/F	1										1																								4	4
Antonio Maceo A/F							1				1																								8	8
Coronel Pascual A/F	1	1	1				1				1											1													10	10
San Antonio de los Banos A/F							1				1																								5	5
San Julian A/F	1						1				1																								5	5
Jose Marti A/F (Rancho Boyeros)	1	1					1				1											1													9	9
Campo Libertad A/F	1	1					1				1											1													7	7
Playa Baracoa A/F	1	1					1				1											1													9	9
Col. Martin Marrero A/F	1										1																								3	3
Jaime Gonzalez A/F	1						1				1											1													13	13

50X1

SECRET

August 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				
Bayamo East A/F							1	1			1	1																						6	6
Pinar del Rio A/F							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	7
Trinidad A/F	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13	13	
Mariel Naval Base and NAS	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	7	
Cabanas Naval Facility							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	7	
Banes Naval Base																																		2	2
Punta Alegre Port				1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	10	
Baracoa Port							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	6	
Cienfuegos Naval Base	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
Manzanillo Port							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	6	
Moa Port																																		5	5
Santiago de Cuba Port																																		5	5
Nuevitas Port	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	8		
Nueva Gerona Port	1	1																																3	3
La Isabela Port							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	9	
Csibarien Port	1	1	1				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13	13	
Cardenas Port	1	1	1				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	12	12	
Casilda Port	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	9	
Jucaro Port	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	10	
Santa Lucia Port	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	7	
Matanzas Port	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	8	
Surgidero de Batabano Port	1	1	1				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	9	
Havana Port	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	7	
La Coloma Port																																		5	5
Cabanas Port																																		8	8
Bahia Honda Port	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	8	
Puerto Padre Port (Juan Claro)							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5	
Havana Rdo. Sta. San Augustin	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	7	
Guantanamo Area																																		2	2
Manzanillo Military Camp							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	

50X1



August 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			
Mestanza Explosive Storage Site								1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	6
Loma de Tierra Military Camp	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	8
Havana Area Military Camp	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	8
Las Mercedes Military Camp							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	7
Guane Military Camp	1										1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3
Zaragoza Area Military Camp		1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	6
Holguin Military Camps West					1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	8
Holguin Military Camp SW		1									1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5
San Jose de las Lajas Storage	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	8
La Jutia Military Installation	1	1				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11	11
El Criollo Mil. Camp (Rancho Boyeros)	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	8
Minas Area Military Camp	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	6
Camp Cantel (Cardenas) Mil. Camp	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	7
Havana Vehicle Park	1	1									1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5
Lomas Tetas de Managua Tank Park	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	8
Guana, Jay Area (Martin Mesa) Mil. Camp	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	8
Altagracia Military Camp	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	7
Guanabana Military Areas	1	1									1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	7
Limonar Tank Training Area	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	7
San Deigo de Nunez Mil. Camp	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	8
Buena Vista Military Camp	1	1																															0	0
Cienfuegos (Anton Recio) Tank Park	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13	13
Matanzas (Guanabana) Military Camp	1	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	9
Ceiba Mocha Military Area	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	9
Consolacion Del Sur Mil. Camp	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5
Minas (Camaguey) Military Camp	1	1									1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3
Marti Area Armor Training Area	1	1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	8
Guayabal Military Camp	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	7
Santa Clara Artillery Training Areas	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	9
Perseverancia Military Camp	1	1																															6	6

50X1





August 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	
Bejucal Ammo. Storage	1	1					1	1	1	1	1	1	1	1			1																8	8
Barajagua Storage (La Rosita Area)	1	1					1	1	1	1	1	1	1	1							1												8	8
	1						1	1	1	1	1	1	1	1							1	1											9	9
	1						1	1	1	1	1	1	1	1							1	1											4	4
							1	1	1	1	1	1	1	1							1	1											4	4
							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	1	1	1	1							1	1											5	5
							1	1	1	1	1	1	1	1							1	1											6	6
							1	1	1	1	1	1	1	1							1	1											5	5
							1	1	1	1	1	1	1	1							1	1											7	7
							1	1	1	1	1	1	1	1							1	1											6	6
							1	1	1	1	1	1	1	1							1	1											5	5
							1	1	1	1	1	1	1	1							1	1											2	2

50X1  
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