

OPERATION: STAFF ROUTING

FROM: [REDACTED]

DATE: 30 JUL 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-145(4-63)

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S-E-C-R-E-T

CWG BK-35
26 July 1983
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 - 24 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 18-24 July.

2. Improved weather conditions after 20 July permitted a substantial increase in coverage. During 18-24 July, 8 BRASS KNOB missions were flown, and 73 percent of the total land area of Cuba was covered by photography with 25 percent or less cloud cover. Only 7 of the COMOR targets were not covered, and of these only 2 were in the Highest Priority category.



**Chairman
COMOR Working Group**

50X1

**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							
San Julian SAM Site	1	*	1					*	1	*																						1	1	4	4			
Siguanea Cruise Missile Site	1							*	1	*					1																			1	1	5	5	
Santa Cruz del Norte Cruise Site	1	1	1						1	1	1				1	*	*																		10	10		
Campo Florida Possible Cruise Missile	*	*	1						1	1	1				1	1	*	*			*	1	1	1	1										10	10		
Camilo Cienfuegos Airfield	*	*	*					*	1	1	*	*				*	*	*	*		*	1	*	1	*											4	4	
Holguin Airfield	*	*	*	*	1	*		*	1	1	*	*	*		1							*	2	*												4	4	
San Antonio de los Baños Airfield	1	*	1					1	*	*					1	*	*				*	1	*	1	1										7	7		
Mariel Naval Base	1	*	1					1	*	*					1	1	1	*	*	1	2	1	1												11	11		
Cabanas Naval Facility															1	1					*	1	1	1											6	6		
Banes Naval Base			*	1	*			1	*		*				1	1					*	*	*	*												4	4	
Cienfuegos Naval Base	*	1						1	1	1	*										*	1	1	1												7	7	
Santiago de Cuba Port	*	*	1	1				1				1	1			*						1	1	*												7	7	
Nueva Gerona Naval Port	1							1	1	1					*							2	1													6	5	
La Isabela Port		1			1			1	*	1	1	1	1		*							1	1	*												9	9	
Casilda Port	1				*			1	1	1		*			*							1	1	1	*											6	6	
Matanzas Port	1	1	1		*	*	1	1						*	1	1	*				1	1	1	1	1											11	11	
Havana Port	*	*	1					1	1	*				1	1	1	*				*	1	1	1	1											10	10	
Guantanamo Area	*	*	1	*					1	1		1	1		*	*						1	*														4	4
Pinar del Rio Military Camp	*	1						1	1	*				1								1	1													6	6	
Artemisa Military Camp	*	1	1					1	1		*			*	*	*						1	1	*	*											5	5	
Holguin Military Camp		*		1	1			1	*		1	*			1							*	*	*	*											4	4	
Camaguey Military Camp	*	1	1					1	1						*						*	1	2	*												7	6	
Remedios Military Camp	1	*		*				1	1											*	*	1	*	1												5	5	
Santiago de las Vegas Military Camp	1	1	1					1	1	1				1	1							1	2	*	1											12	11	
Torrens (Lourdes) Army Camp	1	1	1					1	1	1				*	1	1					*	2	1	1												12	11	
Limonar Military Camp	1	*						1	1	1				*	1	1						1	2	1	1											11	10	
	1	1	1					1						1							*	1	1													7	7	
	1	*	*					*	1	*	*			*	1	*	*	*	*	*	*	1	*	1	*												5	5

* 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 overflown but no usable photography was obtained.

**Added to List 2 July 1963

***BRASS KNOB mission for 14 July was cancelled because of bad weather.

SECRET

GROUP 1
 Excluded from automatic
 downgrading and declassification

50X1

50X1

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 MREM No. 1	1	1						1	1													1	1										7	7
San Cristobal MREM No. 3	1	1						1	1						1							1	2	1	1								10	9
Guana,isy IREM No. 1	2	1						1	1	1					1	1	1					1	2	1	1								13	12
Segua La Grande MREM No. 1								1	1	1	1											1	1	1	1								7	7
Segua La Grande MREM No. 2	1				1			1	1	1	1					1						1	2	1	1								12	11
Remedios IREM Site	1	1						1	1	1						1	1					1	2	1	1								12	11
San Cristobal MREM No.4 (Candelaria)	1	1						1	1						1							1	2	1	1								10	9
Guana,isy IREM No. 2	1	1	1					1	1	1					1	1	1					1	1	1	1								13	13
Tapaste Storage			1					1	1	1					1	1	1					1	1	1	1								11	11
Santa Lucia SAM No. 1	1	1						1	1						1		1					1	1										8	8
San Julian SAM	1																						1	1									4	4
La Coloma SAM							1	1															1										4	4
Mariel SAM	1	1						1	1						1	1							1	1	1								9	9
Matanzas SAM			1					1	1	1					1	1							1	1	1								9	9
Cienfuegos SAM	1	1						1	1	1													1	1									7	7
Segua La Grande SAM		1			1			1	1	1	1		1			1									1								8	8
Caibarien SAM	1							1	1													1	2	1	1								8	7
Sancti Spiritus SAM	1	1			1	1		1	1													1	1										8	8
Los Angeles SAM	1				1	1		1	1			1	1		1	1							1										9	9
Jiguani SAM	1							1	1														2										5	4
Siguanea SAM	1							1	1	1													2	1									7	6
Manzanillo SAM	1	1						1	1						1								1	1									7	7
Manati SAM	1	1			1			1	1						1		1						2	1									8	7
Chambas SAM	1							1					1	1		1	1																6	6
Esmeralda SAM	1	1	1					1	1														1										7	7
Santiago de Cuba SAM					1	1	1		1				1	1									1	1	1								8	8
Santiago de Cuba SAM Assembly Area		1			1	1	1		1				1	1									1	1	1								8	8
Deleite SAM No. 1			1					1	1	1		1	1			1						1	1	1	1								11	11
Santiago de las Vegas SAM Area	1	1	1					1	1	1					1								2										10	9
Ciego de Avila SAM	1	1	1					1	1	1		1	1		1								1	1									10	10

50X1

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																																3	3	
Ciego de Avila SAM Assembly Area	1	1	1							1	1	1										1	1										9	9		
Cifuentes SAM Assembly Area						1					1																						2	2		
Victoria de las Tunas SAM Area						1	1			1													1	1									5	5		
Maldonado SAM						1	1			1	1												1	2	1								10	9		
Camaguey SAM A/F	1	1	1			1			1	1						1	1					1	2	1									13	12		
Holguin SAM Site	1					1	1		1							1							1	1									8	8		
Managua SAM Site	1	1	1						1	1	1					1	1						1	2	1	1							13	12		
Majana SAM	1								1	1													1	1	1	1								9	9	
Siguanea Cruise Missile Site	1								1							1							1	1										5	5	
Banes Cruise Missile Site	1	1				1	1		1				1	1									1	2										12	11	
Santa Cruz del Norte Cruise Missile	1	1	1						1	1	1					1							1	1	1									10	10	
Campo Florido Cruise Missile Site	1								1	1	1					1	1						1	1	1									10	10	
Guerra Poss. Cruise Missile Site	1								1	1						1	1	1					1	1	1									11	11	
Camilo Cienfuegos(Santa Clara) A/F									1	1													1	1										4	4	
Camaguey International A/F	1	1	1					1	1							1	1					1	2	1										13	12	
Holguin A/F																								2											4	3
Los Canos A/F	1					1	1			1	1												2	1										9	8	
Preston A/F	1	1				1	1		1							1							1	2	1									10	9	
Siguanea A/F	1								1	1	1													2	1										8	7
Antonio Maceo A/F						1	1		1															1	2										8	7
Coronel Pascual A/F	1	1				1	1	1	1							1	1	1					1	2	1									15	14	
San Antonio de los Banos A/F	1	1	1						1							1							1	1	1									7	7	
San Julian A/F	1	1	1						1	1														1	2	1									9	8
Jose Marti International A/F	1	1	1						1	1	1					1	1	1				1	2	1	1									15	14	
Campo Libertad A/F	1	1	1						1	1	1					1	1	1					1	1	1										13	13
Playa Baracoa A/F	1								1	1	1					1	1	1				1	1	1	1										13	13
Col. Martin Marrero A/F	1								1	1						1							1	1											6	6
Jaime Gonzales A/F	1	1							1	1	1												1	1	1										10	10
Bayamo East A/F	1	1							1														2	1											6	5

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	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	1	1	1					1						1	1	1												10	10
Trinidad A/F	1	1					1	1	1	1					1						1	1	1												10	10
Mariel Naval Base and NAS	1	1					1	1	1	1					1	1	1				1	2	1	1											11	10
Cabanas Naval Facility										1					1	1						1	1	1											6	6
Banes Naval Base						1		1							1	1																			4	4
Punta Alegre Port	1	1			1	1	1	1			1				1						1	1	1	1											12	12
Baracoa Port	1				1	1																2	1												6	5
Cienfuegos Naval Base	1						1	1	1													1	1	1											7	7
Manzanillo Port	1	2					1	1	1	1					1							2	1												12	11
Moa Port	1				1	1					1											2	1												7	6
Santiago de Cuba Naval Base					1	1	1				1	1										1	1												7	7
Nuevitas Port	1	1	1		1	1				1	1										1	2	1												12	11
Nueva Gerona Naval Port	1						1	1														2	1												6	5
La Isabela Port			1				1	1	1	1	1										1	1	1	1											8	8
Csibarien Port	1	1	1			1		1	1	1					1						1	1	2	1	1										15	14
Cardenas Port	1	1	1			1	1	1	1	1	1			1	1	1					1	2	1	1											17	16
Casilda Port	1						1	1														1	1	1											6	6
Jucaro Port	1					1	1	1		1					1							1	1	1	1										10	10
Santa Lucia Port	1	1					1	1							1	1						1	1	1											8	8
Matanzas Port	1	1					1	1							1	1						1	1	1	1										11	11
Surzidero de Batabano Naval Port	1	1	1				1	1	1						1							1	2	1	1										12	11
Havana Naval Base						1		1							1	1						1	1	1											9	9
La Coloma Port	1	1					1	1							1							1	1												7	7
Cabanas Port	1	1					1	1	1						1	1	1					1	1	1	1										12	12
Bahia Honda Port	1	1	1				1	1	1						1	1						1	2	1	1										12	11
Puerto Padre Port Fac. (Juan Claro)	1	1	1				1	1	1						1	1						1	2	1											12	11
Havana Rdo. Sta. San Augustin		1	1	1				1	1	1					1	1	1					1	1												12	12
Guantanamo Area					1						1	1										1													4	4
Manzanillo Military Camp	1	1					1				1											1	1												7	7
Pinar del Rio Mil. Installation			1				1	1	1						1							1	1												7	7

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July 1963

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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 Antonio de los Baños Mil. Stor.	1	1	1					1						1	1					1	1													
Artemisa Army Camp	1	1						1												1	1													5	5
La Boca Military Camp	1	1						1	1					1	1	1				1	1	1		1	1								12	12	
Bahia Honda Military Camp	1							1	1					1	1					1	1			1	1								7	7	
Mariel Military Camp(Loma Gobernadora)	1	1						1	1					1	1					1	1		1	1									9	9	
Holguin Military Camp					1	1					1				1																		4	4	
Camaguey Mil. Camp (Country Club)		1	1					1	1															2									6	5	
Ofelia Military Camp					1	1					1	1								1			2	1									8	7	
El Jucaro Military Camp	1	1										1								1													4	4	
Remedios Military Camp	1										1	1											1	1									5	5	
Alto Cedro Mil. Camp (San German)	1										1												1										3	3	
	1	1	1					1	1					1	1	1				1	1	1	1	1									12	12	
	1	1	1					1	1					1	1	1				1	2	1	1											14	13
Santiago de las Vegas Tank Park	1	1	1					1	1					1	1					1	2	1											12	11	
San Jose de las Lajas Mil. Camp		1	1					1	1					1	1					1	2	1	1										11	10	
Torrens (Lourdes) Army Camp	1	1	1					1	1					1	1					2	1	1											12	11	
Santa Clara Military Activity		1			1			1	1		1									1	1												7	7	
Madruga Military POL Storage		1	1					1	1					1	1					1	1	1	1										9	9	
Idmonar Military Camp(Martin Mesa)	1	1	1					1	1					1	1					1	2	1	1										11	10	
Camaguey Mil. Training Camp	1	1	1		1			1	1											1	2	1												11	10
San German DPO Caridad Finca	1	1			1	1					1			1								2											8	7	
Victoria de las Tunas Mil. Training	1	1	1		1	1		1	1		1			1						1	2												11	10	
Managua Military Inst.	1	1	1					1	1		1									1	2	1											10	9	
El Cristo Military Area		1			1	1					1	1								1	2	1											9	8	
Santa Fe (Isla de Pinos) Mil. Area	1							1	1		1									1	1												6	6	
Cayo Largo Island Military Area	1							1						1								1											4	4	
Nazareno Military Area	1	1	1					1	1	1										1		1											8	8	
Campo Florida Military Camp	1	1	1					1	1	1				1	1	1				1	1	1											12	12	
Bajurayabo Military Area	1	1						1	1	1				1	1	1				1	1	1											11	11	
Guanabacoa Military Area	1	1						1	1	1				1	1	1				1	1	1											9	9	

50X1

50X1

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						
Mestanza Explosive Storage Site	1	1							1	1	1																									9	9
Loma de Tierra Military Area	1	1	1						1	1	1																									11	11
Havana Area Military Camp	1	1	1						1	1																										10	10
Las Mercedes Military Camp	1	1			1							1	1																							11	11
Guane Military Camp					1					1	1																									7	7
Zaragoza Area Military Camp					1																															6	6
Holguin Military Area West	1	1			1	1							1	1																						10	10
Holguin Military Area Encampment SW					1							1	1																							9	8
San Jose de las Lajas Storage					1	1						1	1																							12	11
La Jutia Military Installation	1	1								1																										7	7
El Criollo Mil.Camp(Rancho Boveros)	1	1	1						1	1																										13	12
Minas Area Military Camp	1	1							1	1	1																									12	12
Camp Cantel (Cardenas) Mil. Area					1				1	1	1																									13	12
Havana Vehicle Park					1	1																														10	10
Lomas Tetas de Managua Tank Park	1	1	1							1	1																									13	12
Guanajay Area(Martin Mesa)Mil.Camp	1	1	1							1	1																									11	10
Altagracia Military Area	1	1			1					1																										11	10
Guanabana Military Area	1									1	1																									9	9
Jimonar Tank Training Area	1	1								1	1																									13	12
San Diego de Nunez Mil. Camp	1									1	1																									8	6
Buena Vista Military Camp	1	1	1							1	1																									5	5
Cie fuegoa (Anton Recio) Tank Park	1									1	1																									6	6
Matanzas (SE Guanabana)Mil.Camp	1	1								1	1																									13	13
Ceiba Mocha Military Area	1	1								1	1																									9	9
Consolacion Del Sur Mil. Hdqs.	1									1																										5	5
Minas (Camaguey)	1									1																										4	4
Marti Area Armor Training Area**																																				5	5
Guayabal Military Area **																																				7	7
Santa Clara Artillery Training Area**																																				6	6
Perseverancia Military Inst.**																																				4	4

50X1

Page Denied

SECRET
NO FOREIGN DISSEM

