BYEMAN CONTROL SYSTEM

(3)NATIONAL RECONNAISSANCE OFFICE

14 00064728D

WASHINGTON, D.C.

. THE NRO STAFF

16 January 1975

MEMORANDUM FOR THE RECORD

SUBJECT: Maintenance of Mapping Camera Calibration Capability at the Cloudcroft, N.M. Site

BACKGROUND

The HEXAGON Mapping Camera is calibrated preflight with star field images made with the flight hardware at an Air Force Systems Command (AFSC) Avionics Laboratory facility at Cloudcroft, New Mexico. AFSC/DL has recently determined that AFSC has no current requirement for the facility and plans to close it on 1 July 1975 (TAB D). After being informed of this move by Lt Col Powell of SAFSP-7, I confirmed it with Lt Col Bass and ______ of AFSC/DL. Based on this confirmation, SS-7 sent two messages to SAFSP-7 (TABs A and B). SAFSP-7's reply at TAB C elaborates on the requirement, states that there is no alternative to the Cloudcroft calibration, and further states that the requirement will exist through the first part of 1977, at least.

DISCUSSION

At this point there is definitely a problem, and, in view of SAFSP's response, some question as to who will solve it. In any event the possible courses of action include:

- A. Get AFSC to keep the site open, at our expense. This course requires cost data from AFSC which I would get from General Hendricks, Director of S&T (telephone 185-7175) who is BYEMAN-cleared.
 - B. Have SAFSP take over the site.
- C. Do the calibrations with the Artificial Star Field Generator developed at Itek by SAFSP-6. SP-7 says it cannot work (TAB C) but I have information from DMA saying they have used it successfully.

HEXAGON

BYEMAN CONTROL SYSTEM CLASSIFIED BY BYEMAN 1 EXEMPT FROM GENERAL DECLASSIFICATION SCHEDULE OF TREE EXECUTIVE ORDER 11652 EXEMPTION CATE. THE DECLASSIFY ON IMP DET.

Approved for Release: 2025/07/25 C05128023

CONTROL NO COPIES
PAGE 1 OF PAGES



D. Stop doing preflight calibrations. The Metric Pan approach does not need it: inflight calibration with the BAR-X-C range is sufficient.

ACTION

I am sorting out the discrepancy on the Artificial Star Field device via phone with SP-6 and SP-7. DMA (Webb) is answering the question of the absolute need for preflight calibration. I will visit General Hendricks to inform him of our interest and to get the cost needed to determine a choice between AFSC and SAFSP maintenance of the site. I anticipate sending a message to SAFSP by 1 February 1975 when all the data is available.

> DANIEL B. HUTCHISON Lt Colonel, USAF

Atch

1. WHIG 1630, TAB A 2. WHIG 1669, TAB B

CHARGE 9788, TAB C WEED 0070, TAB D

Col Rosenberg cc: SS-5

HANDLE VIA



9*	CONTRO	L NO	
	COPY	OF	COPIE
	PAGE 5	OF	PAGE

PR RUXQBA,RUXQCSO
DE RUXQAA 577 3401708
ZNY XXXXX KKK ZNMPR 051702Z
ET
XXXXX
CATOR 713, GOVER 389
CATOR PASS CHARGE

COVER PASS WEED

SWB274 AA2152/8

SECRET 061702Z DEC 74 CITE WHIG 1630.

PRIORITY CHARGE INFO WEED.

HEXAGON

CHARGE FOR COL ANDERSON/LT COL F. HOFMANN/LT COL POWELL, WEED FOR LT COL BASS FROM LT COL HUTCHISON.
SUBJECT: PROPOSED CLOSURE OF CLOUDCRAFT FACILITY
REFERENCE: TELECON LT COL HUTCHISON/LT COL POWELL, 2 AND 3 DECEMBER 1974

1. FOR COL ANDERSON: TELEPHONE CHECK WITH MAJOR
OF WEED CONFIRMED WEED'S DECISION TO CLOSE THE
CLOUDCRAFT FACILITY BASED ON WEED'S EVALUATION OF REQUIREMENTS.
REQUEST YOU REVIEW YOUR REQUIREMENTS FOR THE FACILITY,
ADVISING WHIG AS SOON AS POSSIBLE.

2. FOR LT COL BASS: WEED'S SURVEY EVIDENTLY FAILED TO

PAGE 2 WHIG 1630 S E C R E T
IDENTIFY EVERYONE WITH A REQUIREMENT, E.G., CHARGE'S
HEXAGON MAPPING CAMERA CALIBRATION. REQUEST WEED FORWARD
TO WHIG THE RATIONALE AND DATA UPON WHICH THE CLOSURE
DECISION WAS MADE.
E-2 IMPDET

SECRET

WORKING COPY

DISTRIBUTION

SATUS

Nŋ

mad in BAEMAN

eliga systi

N

C05	128023Approved for Release: 2025/07/25 C05128023_UNICATION CE	*	hilitaria dineananta ingg		
	SOCOMM MESSAGEFORM	ITER	manyyyyii 4		
	SECURITY CLASSIFICATION				
	SECRET QBA RECD. SAFSS //	11			
	TYPE MSG BOOK MULTI SINGLE QC50 1974 DEC -6 PM 12: 02	W.			
	- 1	* 1			
	ACTION PRIORITY				
	FROM: WHIG	SPECIAL INSTRU	CTIONS		
	to: CHARGE 713	HAMOLE VIA BYEMA CONTROL SYSTE	N u		
	INFO: WEED 389				
	-SECRET CITE (630	DISTRIBUTION:			
	and extraction and the second and th	DNRO			
	HEXAGON	RD- 2			
	CHARGE FOR COL ANDERSON/LT COL F. HOFMANN/LT COL POWELL,	SS- 1			
	WEED FOR LT COL BASS FROM LT COL HUTCHISON.	SS-2 EXEC			
		SS-2 ADMIN	X		
	SUBJECT: PROPOSED CLOSURE OF CLOUDCRAFT FACILITY				
	REFERENCE: TELECON LT COL HUTCHISON/LT COL POWELL, 2 AND				
	3 DECEMBER 1974				
	1 FOR COL ANDERSON: TELEPHONE CHECK WITH	8-8			
	1. FOR COL ANDERSON: TELEPHONE CHECK WITH OF AFEC/DL CONFIRMED SYSTEMS COMMAND'S DECISION	SS-7 SS-8	X		
	TO GLOCE THE GLOVE CHARLES FACTO THE PAGED ON APPGICAL LIFED S	COMP	T		
ds	TO CLOSE THE CLOUDCRAFT FACILITY BASED ON AFSC'S WEED'S	СОММ			
$T^{()}$	REQUIREMENTS. REQUEST YOU REVIEW YOUR REQUIREMENTS FOR	RD-2 RF			
	THE FACILITY, ADVISING WHIG AS SOON AS POSSIBLE.	RF	X		
,	2. FOR LT COL BASS: SYSTEM COMMAND'S SURVEY EVIDENTLY	FILE	7		
	FAILED TO IDENTIFY EVERYONE WITH A REQUIREMENT, E.G.,	DATE TIM			
	CHARGE'S HEXAGON MAPPING CAMERA CALIBRATION. REQUEST .	05	*********		
	w Eto limbalination	DEC YE	74		
	SYSTEMS COMMAND FORWARD TO WHIG THE RATIONALE AND DATA UPON WHICH THE CLOSURE DECISION WAS MADE. E-2 IMPDET.	PAGENO. NO	OF SES		
L	TYPED NAME AND TITLE PHONE R SIGNATURE				
	LT COL HUTCHISON 71817	. 6/2	0		
	SS-5 TYPED (or stamped) NAME AND TITLE				

SOCOMM Form 173 1' Aug 71

PR RUXQBA, RUXQCSO
DE RUXQAA 577 3401708
ZNY XXXXX KKK ZNM
PR 061702Z
BT
XXXXX
CATOR 713, COVER 389
CATOR PASS CHARGE

COVER PASS WEED

SUB 274 AA 2152/8

SECRET 051702Z DEC 74 CITE WHIG 1630.

PRIORITY CHARGE INFO WEED.

HEXAGON

CHARGE FOR COL ANDERSON/LT COL F. HOFMANN/LT COL POWELL, WEED FOR LT COL BASS FROM LT COL HUTCHISON.
SUBJECT: PROPOSED CLOSURE OF CLOUDCRAFT FACILITY
REFERENCE: TELECON LT COL HUTCHISON/LT COL POWELL, 2 AND 3 DECEMBER 1974

1. FOR COL ANDERSON: TELEPHONE CHECK WITH

OF WEED CONFIRMED WEED'S DECISION TO CLOSE THE CLOUDCHAFT FACILITY BASED ON WEED'S EVALUATION OF REQUIREMENTS. REQUEST YOU REVIEW YOUR REQUIREMENTS FOR THE FACILITY, ADVISING WHIG AS SOON AS POSSIBLE.

2. FOR LT COL BASS: WEED'S SURVEY EVIDENTLY FAILED TO

PAGE 2 WHIG 1539 S E G R E T
IDENTIFY EVERYONE WITH A REQUIREMENT, E.G., CHARGE'S
HEXAGON MAPPING CAMERA CALIBRATION. REQUEST WEED FORWARD
TO WHIG THE RATIONALE AND DATA UPON WHICH THE CLOSURE
DECISION WAS MADE.

E-2 IMPDET

BT

Maria Cay

SECTI

 N_N

N

PP RUXQBA RUXQCSO
DE RUXQAA 709 3461906
ZNY XXXXX KKK ZNM
P 121905Z
ET
XXXXX
CATOR 754, COVER 399
CATOR PASS CHARGE

00VER PASS WEED

SWB 434-B AA 2-35399

Handle Via BYEMAN
CHANNELS ONLY

Attacher

Channels Only

Channels Only

TOFSECRET 121905Z DEC 74 CITE WHIG 1669.

RIORITY CHARGE INFO WEED.

HEXAGON

CHARGE FOR COL JACOBSON

LI COL POWELL FROM COL ROSENBERG

REF: WHIG 1630, Ø61702Z DEC 74

SUBJECT: CLOUDCROFT SUPPORT FACILITY

L AFSC HAS ADVISED US THAT THE AIR FORCE HAS NO

VALIDATED REQUIREMENTS FOR THE CONTINUED OPERATION OF

THE CLOUDCROFT FACILITY BEYOND 30 JUNE 75. AFSC HAS

ADVISED THAT AFAL WILL SHORTLY BE DIRECTED TO SCHEDULE

TERMINATION OF THE FACILITY BY THAT DATE AND SUBMIT A

PLAN FOR PHASE-OUT. IF SAFSP REQUIRES CONTINUED

SUPPORT FROM THE CLOUDCROFT FACILITY, THEN THE NRO MUST

PAGE 2 WHIG 1669 TO P S E C R E T NEGOTIATE WITH AFSC ON THE BASIS OF NRP REIMBURSEMENT FOR DEDICATED SUPPORT TO SAFSP PROGRAMS. 2. ALTHOUGH AFSC HAS FIRMLY STATED THE ABOVE POSITION, UNOFFICIALLY WE ARE AWARE THAT

ASSUME RESPONSIBILITY AND MAINTAIN THE SITE FOR THE

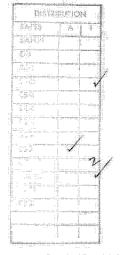
THE NRP WOULD PAY ONLY FOR ANY SPECIALIZED EQUIPMENT NEEDED FOR OUR UNIQUE EXPERIMENTS.

IS Q.EARED SI/TK(P) AND SHOULD BE CONTACTED TO EXPLORE THE DETAILS FOR SUCH AN ARRANGEMENT.

REQUEST SAFSP DETERMINE IF ALTERNATIVE MEANS EXIST TO SUPPORT HEXAGON MAPPING CAMERA,

AND OTHER POTENTIAL REQUIREMENTS AS REGARDS CALIBRATION AND TEST SUPPORT. REQUEST YOU PROVIDE AN ASSESSMENT OF THE TECHNICAL REQUIREMENTS VS CAPABILITIES/COSTS TO US ALONG WITH YOUR RECOMMENDED COURSE OF ACTION. IF REQUIREMENTS CAN ONLY BE SATISFIED THROUGH USE OF

MIGHT BE ABLE TO PICK UP NORMAL OPERATING COST AND THAT





HAS STATED THAT HE

C05128023 3 WHIG 1669 T OPSFCRFT Approved for Release: 2025/07/25 C05128023

Handle Via BYEMAN CHAMMELS CHILY

CLOUDCROFT FACILITY

DOES NOT MAINTAIN
THE SITE, FUNDING SUPPORT IN AN AMOUNT TO BE NEGOTIATED
WITH AFSC BY THE NRO MUST BE PROVIDED FROM WITHIN
CURRENT PROGRAM A FUNDING ALLOCATIONS. REQUEST YOU ADVISE
BY WE SHOULD LEVY A FORMAL REQUIREMENT WITH AFSC FOR
CONTINUED CLOUDCROFT FACILITY SUPPORT BEYOND 30 JUNE 75.
E-2 IMPDET

TOPSECHET EC

N

W

N

TOP SECRET
Handle Via BYEMAN
CHANNELS ONLY

5 1 2 8 0 2 3Approved for Release: 2025/07/25 C05128023	WTF &
SOCOMM MESSAGEFORM SECURITY CLASSIFICATION TOP SECURITY CLASSIFICATION RECD. SAFSS 1974 DEC 12 PM 2: 05 PRECEDENCE ACTION PRIORITY	749 KKK
FROM: WHIG	SPECIAL INSTRUCTIONS
10: CHARGE -CATER - 75H INFO: WEED - COVER - 399	BYEMAN CONTROL SYSTEM
TOP SECRET CITE 1669 HEXAGON	DNRO RO-2 SS-1
CHARGE FOR COL JACOBSON / COL ANDERSON / LT COL POWELL FROM COL ROSENBERG REF: WHIG 1630, 061702Z DEC 74 SUBJECT: CLOUDCROFT SUPPORT FACILITY 1. AFSC HAS ADVISED US THAT THE AIR FORCE HAS NO VALIDATED REQUIREMENTS FOR THE CONTINUED OPERATION OF THE CLOUDCROFT FACILITY BEYOND 30 JUNE 75. AFSC HAS ADVISED THAT AFAL WILL SHORTLY BE DIRECTED TO SCHEDULE	SS- 2 EXEC SS- 2 ADMIN SS- 3 SS- 4 SS- 5 SS- 6 SS- 7 SS- 8 COMP COMM RD- 2 RF
TERMINATION OF THE FACILITY BY THAT DATE AND SUBMIT A PLAN FOR PHASE-OUT. IF SAFSP REQUIRES CONTINUED SUPPORT FROM THE CLOUDCROFT FACILITY, THEN THE NRO MUST	RF V FILE 7
NEGOTIATE WITH AFSC ON THE BASIS OF NRP REIMBURSEMENT FOR DEDICATED SUPPORT TO SAFSP PROGRAMS.	11 YEAR 74 PAGES 1
TYPED NAME AND TITLE COL ROSENBERG COL ROSENBERG TYPED (or stamped) NAME AND TITLE REGRADING INSTRUCTIONS REGRADING INSTRUCTIONS	

en e	SOCOMM MESSAGEFURI CONTINUATION SHEET		n groutf
PRECEDENCE ACTION	RELEASED BY	DRAFTED BY	PHONE
INFO		we for your personal reasons are a second of the second contraction of the second contract	
			импер
2. ALTHOUGH AF	SC HAS FIRMLY STATE	THE ABOVE POSITIO	N, ⁸
ASSUME RESPONSI	BILITY AND MAINTAIN	THE SITE FOR THE	
LASER COMM DEMO	NSTRATION GROUND STA	ATION.	
	HA	AS STATED THAT HE	
MIGHT BE ABLE T	O PICK UP NORMAL OPI	ERATING COST AND TH	AT
THE NRP WOULD P	AY ONLY FOR ANY SPEC	CIALIZED EQUIPMENT	
NEEDED FOR OUR	UNIQUE EXPERIMENTS.	IS	
CLEARED SI/TK(P) AND SHOULD BE CONT	FACTED TO EXPLORE	
THE DETAILS FOR	SUCH AN ARRANGEMENT	Γ.	
3. REQUEST SAF	SP DETERMINE IF ALTH	ERNATIVE MEANS EXIS	Т
TO SUPPORT HEXA	GON MAPPING CAMERA,	AND OTH	ER
POTENTIAL REQUI	REMENTS AS REGARDS (CALIBRATION AND TES	Т
SUPPORT. REQUE	ST YOU PROVIDE AN AS	SSESSMENT OF THE	
TECHNICAL REQUI	REMENTS VS CAPABILIT	ries/costs to us	
ALONG WITH YOUR	RECOMMENDED COURSE	OF ACTION. IF	
REQUIREMENTS CA	N ONLY BE SATISFIED	THROUGH USE OF	
CLOUDCROFT FACI	LITY	DOES NOT MAINTAI	N
THE SITE, FUNDI	NG SUPPORT IN AN AMO	OUNT TO BE NEGOTIAT	ED
WITH AFSC BY TH	E NRO MUST BE PROVII	DED FROM WITHIN	(the
			guned
CONTROL NO.	TOR/TOD PAGE I	NO. OF IMESSAGE IDENTIFIC	CATION

SOCOMM FORM 173-1 1 Aug 71

128023						
	SOCOMM MES CONTINUATION	ed for Rele SAGETUK SHEET	ease: 2025 M	/07/25 C05128023	3. TY CLASSIF	ICATION
PRECEDENCE	RELEASED BY		56686 10 000 00000000000000000000000000000000	DRAFTED BY		PHONE
FO				66-pa-addo-arini		
			isaaasaapaasaannin 1944-	A	/////////////////////////////////////	
URRENT PROGRAM	A FUNDING AL	LOCATIO	ONS.	REQUEST YO	U ADVISE	
F WE SHOULD LEVY	Y A FORMAL R	EQUIRE	MENT W	ITH AFSC F	OR	
ONTINUED CLOUDCE	ROFT FACILIT	Y SUPPO	ORT BE	YOND 30 JU	NE 75.	
-2 IMPDET.						
a dear of district dark dead also. I						
					*	
ONTROL NO. T	OR/TOD	PAGE	NO. OF	MESSAGE IDENT	TIFICATION	INITIA

SOCOMM FORM 173-1 1 Aug 71

REGRADING INSTRUCTIONS

PP RUXQBA RUXQCSO DE RUXQAA 709 3461906 ZNY XXXXX KKK ZNM P 121905Z BT

ET XXXXX CATOR 754, COVER 399 CATOR PASS CHARGE COVER PASS WEED

5WB434-B AA 7.3379

Handle Via BYEMAN
CHANNELS ONLY

Hatchion to Return to

TOPSECRET 121905Z DEC 74 CITE WHIG 1669.

RIORITY CHARGE INFO WEED.

HEXAGON

CHARGE FOR COL JACOBSON

LI COL POWELL FROM COL ROSENBERG

REF: WHIG 1630, Ø61702Z DEC 74

SUBJECT: CLOUDCROFT SUPPORT FACILITY

LAFSC HAS ADVISED US THAT THE AIR FORCE HAS NO

VALIDATED REQUIREMENTS FOR THE CONTINUED OPERATION OF

THE CLOUDCROFT FACILITY BEYOND 30 JUNE 75. AFSC HAS

ADVISED THAT AFAL WILL SHORTLY BE DIRECTED TO SCHEDULE

TERMINATION OF THE FACILITY BY THAT DATE AND SUBMIT A

PLAN FOR PHASE-OUT. IF SAFSP REQUIRES CONTINUED

SUPPORT FROM THE CLOUDCROFT FACILITY, THEN THE NRO MUST

PAGE 2 WHIG 1669 TOPSECRET NEGOTIATE WITH AFSC ON THE BASIS OF NRP REIMBURSEMENT FOR DEDICATED SUPPORT TO SAFSP PROGRAMS. 2. ALTHOUGH AFSC HAS FIRMLY STATED THE ABOVE POSITION.

ASSUME RESPONSIBILITY AND MAINTAIN THE SITE FOR THE

HAS STATED THAT HE MIGHT BE ABLE TO PICK UP NORMAL OPERATING COST AND THAT THE NRP WOULD PAY ONLY FOR ANY SPECIALIZED EQUIPMENT NEEDED FOR OUR UNIQUE EXPERIMENTS.

LEARED SI/IK(P) AND SHOULD BE CONTACTED TO EXPLORE THE DETAILS FOR SUCH AN ARRANGEMENT.

REQUEST SAFSP DETERMINE IF ALTERNATIVE MEANS EXIST TO SUPPORT HEXAGON MAPPING CAMERA, AND OTHER POTENTIAL REQUIREMENTS AS REGARDS CALIBRATION AND TEST SUPPORT. REQUEST YOU PROVIDE AN ASSESSMENT OF THE TECHNICAL REQUIREMENTS VS CAPABILITIES/COSTS TO US ALONG WITH YOUR RECOMMENDED COURSE OF ACTION. IF REQUIREMENTS CAN ONLY BE SATISFIED THROUGH USE OF

PERSONAL PROPERTY OF THE PROPE

C05128023 3 WHIG 1669 T O PApproved for Release: 2025/07/25 C05128023

Handle Via BYEMAN CHAMMES CHEY

QLOUDCROFT FACILITY

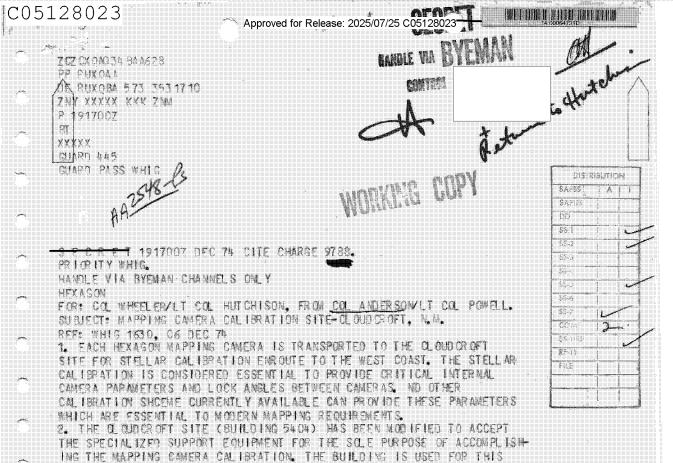
THE SITE, FUNDING SUPPORT IN AN AMOUNT TO BE NEGOTIATED
WITH AFSC BY THE NRO MUST BE PROVIDED FROM WITHIN
QURRENT PROGRAM A FUNDING ALLOCATIONS. REQUEST YOU ADVISE
IF WE SHOULD LEVY A FORMAL REQUIREMENT WITH AFSC FOR
CONTINUED CLOUDCROFT FACILITY SUPPORT BEYOND 30 JUNE 75.
E-2 IMPDET

TOPSEC

W

N

Approved for Release: 2025/07/25 C05128023 CHANNELS CONTROL



PAGE 2 CHARGE 9798-8 PURPOSE ONLY. NO OTHER SITE OR CALIBRATION SCHEMES ARE PRESENTLY AVAILABLE TO ACCUIRE THIS MAPPING SUPPORT DATA. THE SO CALLED ARTIFICIAL STAR FIELD GENERATING DEVICE IS NOT CAPABLE OF SUPPORTING THIS ACTIVITY AND IT IS DOUBTFUL THAT IT COULD BE DEVELOPED IN TIME TO SUPPORT THE REMAINING FOUR UNITS. OUR OPERATIONS AT CLOUD CROFT DO NOT REQUIRE SUPPORT FROM SITE PERSONNEL. OUR ACTIVITIES ARE SUPPORTED BY ACORN AND OLEAT PER-SORMEL. WE DO REQUIRE SOME HOUSEKEEPING FUNCTIONS TO BE DONE BY SITE PERSONNEL DURING PERIODS BETWEEN OUR OPERATIONS. THESE WOULD INCLUDE ACCESS ROAD MAINTENANCE, PHYSICAL SECURITY, FACILITY PRO-TECTION FROM VANDALISM, SNOW REMOVAL, FIRE INSPECTIONS, AND GENERAL MAINTENANCE AND UPKEER. CERTAINLY THIS DOES NOT REQUIRE EVEN ONE FULL TIME PERSON THEREFORE THE ANNUAL COSTS TO THE PROJECT HAVE BEEN MINIMAL IN THE PAST, APPROXIMATELY 925,000 PER YEAR, AND WE WOULD ANTICIPATE NO MORE THAN THIS IF THE SITE WERE UNDER ANY OTHER OPGANIZATIONAL CONTROL. 4. OUR ARRANGEMENTS FOR USE OF THE CLOUD CROFT FACILITY HAVE BEEN ON BASIS OF MUTUAL UNDERSTANDING BETWEEN OUR OFFICE, THE SITE COMMANDER AND AFAL. THIS INFORMAL AGREEMENT WAS CONSIDERED REST DUE TO THE MINIMAL SUPPORT REQUIRED AND THE OVERT NATURE OF THE SITE FUNCTIONS VERSUS THE COVERT NATURE OF OUR OPERATIONS ON THE

RIP (DIS)

C05128023

Approved for Release: 2025/07/25 C05128023-

PAGE 3 CHARGE 9788-

RANDLE VIA BYEMAN

SITE.

LOSS OF THIS UNIOUE CAPABILITY WOULD SEVERELY AMOUNT THE ARE-FLIGHT CALIBRATION PROCESS. OUR AMTICIPATED USE DATE FOR THE 1216 MAPPING CAMERA SYSTEM STARTS 15 JANUARY 1977 AND WILL LAST APPROXIMATELY 30 DAYS. IF MAPPING CAMERAS ARE APPROVED FOR 1217 AND 1218, THE LAST REPUBLIC DATE WOULD BE DIRENS SEPTEMBER 1978. E-1 IMPORT

87

NMMN

191707

PRIORITY WHIS.

HANDLE VIA BYEMAN CHANNELS ONLY

HEXAGON

FOR: COL WHEELEDVALT COL HUTCHISON, FROM COL ANDERSONVET COL POWELL.

SUBJECT: MAPPING GAMERA CALIBRATION SITE-OLOUGICAGET, M.C.

REF: WHIS 1830, CK DEC 74

1. SACH HEXAGON MAPPING CAMERA IS TRANSPORTED TO THE CLOUD CROFT

SITE FOR SITELAR CALIBRATION ENROUTE TO THE WEST COAST. THE STELLAR

CALIBRATION IS CONSIDERED ESSENTIAL TO PROVIDE OF HITCAL INTERNAL

CAMERA PARAMETERS AND LOCK ANGLES BETWEEN CAMERAS. NO OTHER

CALIBRATION SHOEME CURRENTLY AVAILABLE CAN PROVIDE THESE PARAMETERS

WHICH ARE ESSENTIAL TO MODERN MAPPING REQUIREMENTS.

2. THE GLOUD CROFT SITE (WILLTING BADA) HAS REEN HOO IF IED TO ACCEPT

THE SPECIALIZED SUPPORT EQUIPATIVE FOR THE SQLE PURPOSE OF ACCOMPLISH-TING THE MARRING CAMERA CALIBRATION. THE BUILDING IS USED FOR THIS 1.12

m 19 3 3 3

PAGE 2 CHARGE 8788 3 5 6 7 2 T PUPPOSE ONLY. NO OTHER SITE OR CALIBRATION SCHEMES ARE PRESENTLY AVAILABLE TO ACCUIRE THIS MAPPING SUPPORT DATA. THE SC CALLED ARTIFICIAL STAR FRELD GENERATING DEVICE IS NOT CAPABLE OF SUPPORTING THIS ACTIVITY AND IT IS DOUBTFUL THAT IT COULD BE DEVELOPED IN TIME TO SUPPORT THE RESENTING FOUR UNITS.

3. OF OPERATIONS AT CLOUDEROFT DO NOT REQUIRE SUPPORT FROM SITE PERSONNEL. OUR ACTIVITIES ARE SUPPORTED BY ACORN AND GLEAT PERSONNEL. WE BE REQUIRE SOME HOUSEKEEPING FUNCTIONS TO BE DONE BY SITE PERSONNEL OURING PERIODS BETWEEN OUR OPERATIONS. THESE WOULD INCLUDE ACCESS FOAD MAINTENANCE, PHYSICAL SECURITY, FACILITY PROFITEDING, AND GENERAL MAINTENANCE AND UPKEEP. CERTAINLY THIS DOES NOT REQUIRE EVEN ONE FULL TIME PERSON THERSFORE THE ANNUAL COSTS TO THE PROJECT HAVE BEEN MINIMAL IN THE PAST, APPROXIMATELY \$25,000 PER YEAR, AND WE MOULD ANTISIPATE NO MORE THAN THIS IF THE SITE WERE UNDER ANY OTHER OPSANIZATIONAL CONTROL.

A. OUR ARRANGEMENTS FOR USE OF THE OLOUDOROFT FACILITY HAVE BEEN ON BASIS OF MUTUAL UNDERSTANDING BETWEEN OUR OFFICE, THE SITE COMMANDED AND ARM. THIS INFORTUL PROFILE THAS CONSIDERED THE DISTRIBUTED AND THE OVERT NATURE OF THE SITE FUNCTIONS VERSUS THE COVERT NATURE OF OUR OPERATIONS ON THE

MARIE VII BUILLAN

CITE.

LOSS OF THIS UNIQUE CAPABILITY WOULD SEVERELY CHOOSE THE TREEFFLIGHT

ON IRROTTION PROCESS. ON ANTICIPATED USE DATE FOR THE TRIEF WARRING TO THE TRIEF WARRING TO THE TRIEF WARRING TO THE LAST APPROXIMATELY BO

DAYS. IF MARRING CAMERAS ARE ARROVED FOR 1217 AND 1212, THE LAST

PEPULPED USE DATE WOULD BE DURING SERTENBER 1973.

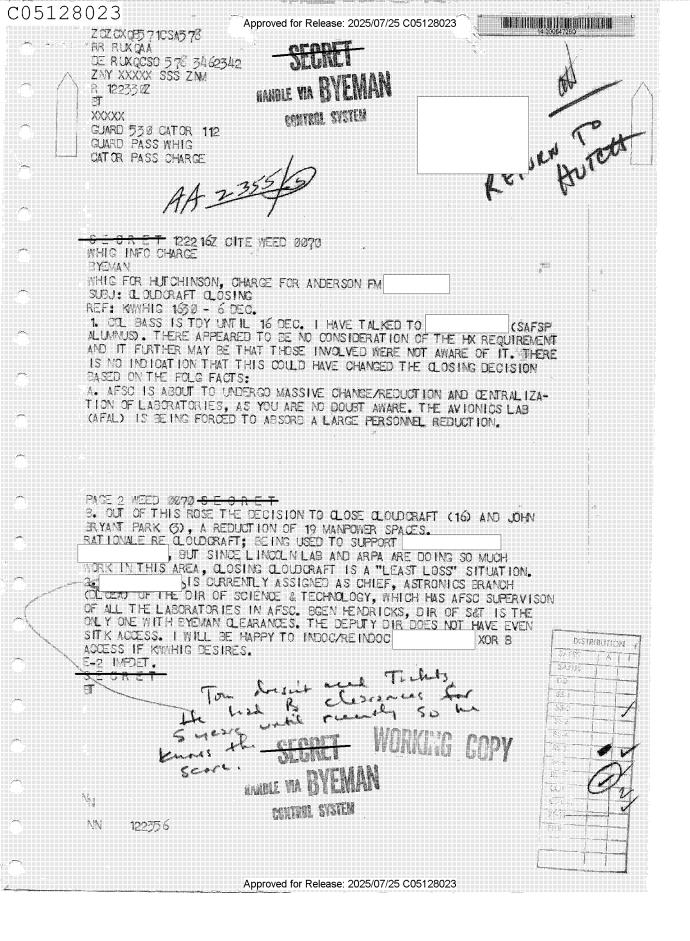
E- MYNET 3 C S R E T

201707

Approved for Release: 2025/07/25 C,05128023

网络花花花

*4.48 T. . . .



C05128023 Approved for Release: 2025/07/25 C05128023 ZCZCX08571094578 AR RUXCAA DE RUXOCSO 578 3462342 ZNY XXXXX SSS ZNA HAILE VIA R 12255 EZ XXXXX GUARD 538 CATOR 112 GUARD PASS WHIG CAT OR PASS CHARGE SECRET 1222162 CITE NEED 8878 WHIG INFO CHARGE BYEMAN WHIG FOR HUTCHINSON, CHARGE FOR ANDERSON PA SUBJE QUIDORAFT QUISING REF: NIWHIG 1650 - 6 DEC. 1. COL BASS IS TOY UNTIL 16 DEC. I HAVE TALKED TO CSAFSP ALLMOUS. THERE APPEARED TO BE NO CONSIDERATION OF THE HK REQUIREMENT AND IT FURTHER MAY BE THAT THOSE INVOLVED WERE NOT AWARE OF IT. THERE IS NO INDICATION THAT THIS COLLD HAVE CHANGED THE GLOSING DECISION PASED ON THE FOLG FACTS: A. AFSO IS ABOUT TO UNCERGO MASSIVE CHANGE/REDUCTION AND CENTRALIZA-TION OF LABORATORIES, AS YOU ARE NO DOUBT AWARE. THE AVIONICS LAB (AFAL) IS BEING FORCED TO ABSORB A LARGE PERSONNEL REDUCTION. PAGE 2 WEED 3878 S E C R E T 8. OUT OF THIS ROSE THE DECISION TO GLOSE GLOWDCRAFT (16) AND JOHN ERYANT PARK (5), A REDUCTION OF 19 MANPONER SPACES.
RATIONALE RE CLOUDCRAFT; BEING USED TO SUPPORT BUT SINCE LINCOLN LAB AND ARPA ARE DOING SO MUCH WORK IN THIS AREA, CLOSING CLOUDCRAFT IS A "LEAST LOSS" SITUATION. IS CURRENTLY ASSIGNED AS CHIEF, ASTRONICS BRANCH CLUEN OF THE DIR OF SCIENCE & TECHNOLOGY, WHICH HAS AFSC SUFERVISON OF ALL THE LABORATORIES IN AFSC. BOEN HENDRICKS, DIR OF SAT IS THE ONLY ONE WITH BYEMAN CLEARANCES. THE DEPUTY DIR DOES NOT HAVE EVEN SITK ACCESS. I WILL BE HAPPY TO INCOC/REINDOC XOR R ACCESS IF WWHIG DESIRES. E-2 IMPORT. 122356

C05128023 RUX CAA	78	
LE RUXGCSO 578	ろなるのされる	128023
ZMY XXXXX SSS Z R 12233 Z	The same of the sa	
3	indie an Bactana	
XXXXX	CONTROL STREET	
GUARD 530 CATOR GUARD PASS WHIG		
CATOR PASS CHAR	Œ /	ext cot
	1 255/5	181 KU
At	7-2-7-	K. B
	/	RET REPUTERT
TSEBRET 122 WHIG INFO CHARG	216Z CITE WEED 0070	
SYEMAN	-	
WHIS FOR HUTCHIN	NSON, CHARGE FOR ANDERSON FM	*
REF: KONHIG 150		
" I SASS IS T	DV INT I I COM	To
AND IT FIRTHER U	CO PARELLE TO CHISIDERATION	OF THE HX REDUINDED CANT
IS SU INDICATION	TUST TIME OF A COLLEGE OF THE PARTY OF THE P	NOT AMARE OF IT. THERE
A. AESO IS ABOUT	TO INDERNA III	
TION OF LABORATO	TO UNDERGO MASSIVE CHANGE/REDU RIES, AS YOU ARE NO DOUBT AWARE, FORCED TO ABSOND A LARGE PERSON	CTION AND CENTRALIZA-
. (AFAL) IS SEING I	THES, AS YOU ARE NO DOUBT AWARE. FORCED TO ABSORD A LARGE PERSONI	• 1 TE AVIONICS LAS VEL REDUCTION
* * *		,
2407 0 34775 3777		
PAGE 2 MEED 3673- 2. OUT OF THIS RO	SE THE PEDICION TO	
FRYANT PARK (5),	A REDUCTION OF 19 VANPONER SPACE	RAFT (16) AND JOHN
our.	SINT IN SUPPORT	
THE AREA	SINCE LINCOLN LAB AND ARPA ARE, CLOSING CLOUDCRAFT IS A "LEAST CURRENTLY ASSIGNED AS CHIEF AND	DOING SO MUCH
	OC COLLEGE	PEROPETUS HRANDH
OF MI TUE I KONDAT	-00 ICO INCLUSION MAILU	T HAS AFSC SUPERVISOR
√ 911 € 30 € 33° 1311	BE MARRY TO MODOCE-11-	WIND THAT EVEN
ACCESS IF KIMHIG C	ESTRES.	XOR B DISTRIBUTION ,
- 52 GRET	- Company	\$1.555 A
3	Tom Lessie med	
Lh	had B crewely	50 hr
5	less and	ALL SALES
. Euros	s to distribute	
G See	TO THE PART OF THE	
77	Hadur tia hy i litera a	Col
O NN 122556		
and the state of t	Approved for Release: 2025/07/25 C05	128023
	in the state of th	The second secon