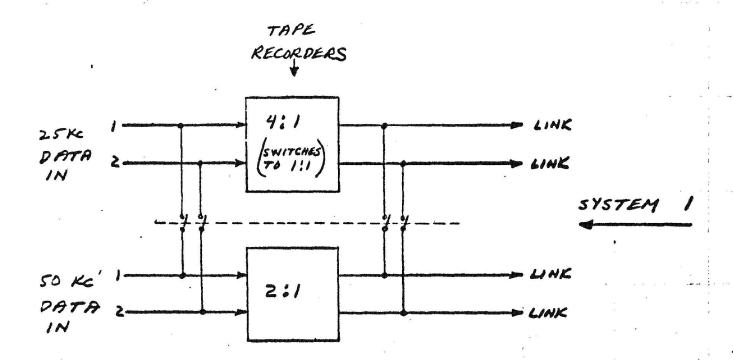
SPECIAL HANDLING

H-1169 22 January 1965

Re:	Message,	19 January	
Clarifi PUND		de A lock-on and flyback indication is as follows:	for
follow	ing recognition	irst of 50 kc square wave is inserted during flyba on, or 50 millisecond of 100 kc square wave during nition occurred during that sweep.	
		cc square wave on recognition is not included in been considered only for PUNDIT 5.	50X1
Clasic			
	sion with	on 21 January 1965:	d on
The at Back-effecti more operating mysel	sion with tached sketch up is provide vely parallel complex but tion as origin f. System 2 pand recording	• •	pability. which what itial and ing
The at Back-effecti more operat mysel wide-	sion with tached sketch up is provide vely parallel complex but tion as origin f. System 2 pand recording	on 21 January 1965: h shows the two possible systems with back-up can do for either recorder by closing the fourswitches is the inputs and outputs (actual circuitry is some accomplishes same effect). System 1 provides in the initial wide-band operation by limit	pability. which what itial and ing
The at Back-effecti more operat mysel wide-	sion with tached sketch up is provide vely parallel complex but tion as origin f. System 2 pand recording	on 21 January 1965: In shows the two possible systems with back-up can defor either recorder by closing the fourswitches as the inputs and outputs (actual circuitry is some accomplishes same effect). System 1 provides in the initial wide-band operation by limiting time to 6 minutes rather than a more desirable.	pability. which what itial and ing



NOTE:

SYSTEM 2 REPLACES THE 2:1 RECORDER WITH A 1:1 RECORDER WHICH COULD BE SWITCHED TO 4:1

4! 1 = 24 MINUTES @ 25Kc

2:1 = 12 MINUTES @ SOKE

1:1 = 6 MINUTES @ 100KC

FIGURE 1: RECORDER BACK-UP SYSTEMS

1/21/65

/1022472 ZEA ZPO MADAM

%5 FEB 10

ST

XXXXX ZEA

EIGHT FIVE THREE WORTH THREE NIME THREE

ZOMFOO THREE WASAM

TOPSECRE T/102015Z PRIORITY # ORTHVINFO

WHIG WAHOO MADAM/CITE WARGO 1153-5

REIMDEER X

A. 7309

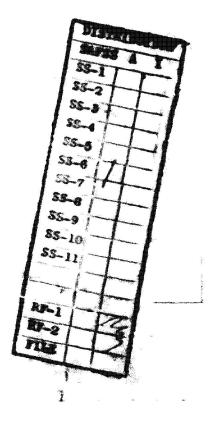
3. REQUEST ALL VEHICLE ADDRESS AND EXECUTE TOME FREQUENCIFS BE FORWARDED MARGO ASAP.

TOPSECRET/

91

50X1

Control System



C05098662 Approved for Release: 2024/08/05 C05098662 1965 FEB) **(**) () () 65-2 SS-5 DID683/112155Z ZEA ZPO WORTH 8S-4 SS-5 XXXXX ZEA 50X1 RSIX EIGHT SEVEN GUARD THREE ONE TWO WORTH SS-6 GUARD PASS MARGO SS-7 SS-8 SS-9 SS-10 T O P S E C R E T 112150Z PRIOGITY MARGO INFO PRIORITY WORTH WHIG WAHOO CITE 3900 SS-11 REINDEER X REF A. MARGO 1153-5 REF B. . 309 11-1 1. COMMNAD SEQUENCE A **RF-4 FUNCTION** COMMAND FREQ. (KC) **ADDRESS** THE. 5.4 T/M ON: SELECT COMMAND SEQUENCE "X". Z 1 3.9 INITIATE R/O DECK, PAYLOAD TIMER. RESET AUX. TIMER NO. 3, BACK UP TO FAILURE 7309 MODE, COMMAND RECEIVER. PAYLOAD SELECTOR NO. 1, (#1 R/I TIME 7 4 4.2 DELAY). INITIATE DECK #2. PAYLOAD TIMER. ENABLE COMMAND RECEIVER OFF. P/L SELECTOR NO. 2(#2 R/I TIMER DELAY.) 4.5 Z 5 INITIATE DECK #2, PAYLOAD TIMER. ENABLE COMMAND RECEIVER OFF. P/L SELECTOR #3 (#3 R/I TIME DELAY). 7 6 4.8 INITIATE DECK #2 OF P/L TIMER. ENABLE COMMAND RECEIVER OFF. 5.1 Z 7 P/L SELECTOR #4(#4 R/I TIME DELAY). Z 7 PLUS 4A INITIATE DECK #2 OF P/L TIMER. ENABLE COMMAND RECEIVER OFF. Z 7 PLUS 5A SELECT P/L MODE A. TAPE RECORDER READOUT .. ON. Z 7 PLUS 6A SELECT P/L MODE B. TAPE RECORDER READOUT Handle via BYEMAN Control System of Fage Pages.

Control No.

4.			*	A	oproved	for Rel	ease: 20	24/08/0	5 C0509	3662		i si he wa
1	\wedge	2. E	فسنفه				Ľ Ŵ	STALL				
	can	Min T		ME	, and	•	u b	ML_		1441		
- Indiana	()				• •		iatiai		*	双背		
ļ		PLUS :	5 0				3.54				E AECONO	.
1	Z 7	PLUS	68	LALF.			ME RE	CORDER	s acros	L P061	T LONG	
		Tarker to the second	PC+11)									
		PLUS ER SP	W							72. 1 70 1	:1 TRAN S	
		5 g 18	c	GMM AMD:	S LIMBE	Prince	T 65 6		Sind:	EES A	MA A	
i	2		X		.0							

7.2	COMMANDS INDEPEND	ENT OF COMMAND SEQUENCES A AND B MAIN RESET T/M OFF TAPE RECORDERS STOP
H (Z 8)	2.7	MODE A-TRANSPOND GM. TAPE RECORDER #1 READIN ON. COMMAND RECEIVER OFF
J (Z9)	3.0	MODE 8-ON. TAPE RECORDER #1 ON. TAPE RECORDER #2 ENABLE TO R/I UPON RECONGRITION. COMMAND RECEIVER "OFF"
K (Z10)	3. 3	MODE 8-ON. TAPE RECORDERS #1 AND #2 ON. COMMAND RECEIVER OFF
L (Z11)	3.6	MODE C-ON. TAPE RECORDER #1 ON. COMMAND RECEIVER OFF

3. THE COMMAND SYSTEM FOR MISSION 7309, VENICLE 4401, UTILIZES TWO MATRICES, OR COMMAND SEQUENCES TO ACHIEVE THE NECESSARY COMMAND CAPABILITY. THIS SUMMARY INCLUDES ONLY THOSE COMMANDS WHICH AFFECT P/L OPERATION. A DETAILED DESCRIPTION OF ALL COMMANDS WILL BE FURNISHED WITH THE VEHICLE OPERATIONS PLAN AS SOON AS IT IS RELEASED.

TOPSECRET CFN 3900 WILL RERUN UPON REQ 91

Control System

NN

N

C05098662

Approved for Release: 2024/08/05 C05098662

Handle da BYCMAN

6943

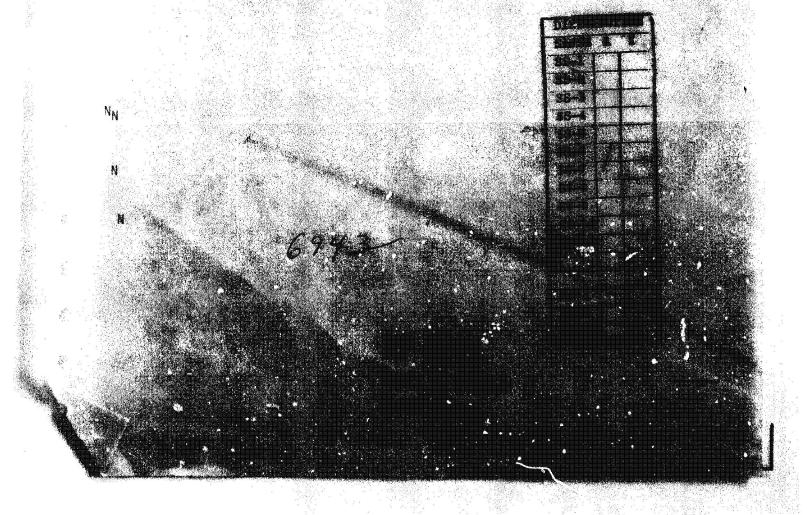
/221717Z ZEA BT XXXXX ZEA SEVEN FOUR ONE WORTH

7309

T O P S E C R E T 221714Z.
PRIORITY WORTH CITE WHIG 2331
EARPOP

REF WORTH 6847

SITE SURVEY TO DATE INDICATES BEST MISSION 7309 MODE A TRANSMITTING FREQUENCIES IN BANDS 137.5 TO 139 MC OR 130 TO 133.2 MC. DUE TO PROCUREMENT PROBLEMS, SUGGEST GROER SEVERAL SETS OF CRYSTALS ACROSS BOTH BANDS AND BEST PAIR WILL BE SELECTED PRIOR TO SYSTEMS TEST BASED ON LATEST GROUND INTERFERENCE DATA. PLEASE ADVISE LATEST POSSIBLE DATE FOR FINAL XTAL SELECTION.
TOPSECRET



7038

/261003Z ZEA BT XXX X ZEA SEVE SEV N NE WORTH

7.307

S E C R E T 2615002 WORTH INFO WANGO CITE WHIG 2356

AS PER PHONE COMV 25 JAN REF MISSION 7309, AGREE TO ADD COMMAND 2ND RECORDER SWITCH FOR REDUNDANT CAPABILITY AS FOLLOWS: IF MODE B RECORDER (50 KC, 12 MINUTES READIND FAILS OR IT IS OTHERWISE OPERATIONALLY DESIRABLE, SWITCH THE MODE C RECORDER (25 KC, 24 MIN READIND TO MODE B AND CHANGE ITS SPEED FOR 100 KC, 6 MIN READIND IF MODE C RECORDER FAILS, MODE B RECORDER COULD BE CONNECTED TO MODE C AS NECESSARY WITH NO READIN SPEED CHANGE. ALL READOUTS AT 100 KC, 6 MIN. NO COMMANDS PREVIOUSLY SPECIFIED WILL BE DELETED.

SECRET

S E C R E T CFN: 2356 25 JAN 7309 B 50 KC 12 C 25 KC 24 B 100 KC 6 C B C 100 KC 6 MIN BT

7038

SECRET
Handle via Byeman

Control System

Copy of Copies.