

Control System

SAFSS

872 B

TSCD013
R 190328Z
FM SAFSS
TO DIRNSA

DISTRIBUTION	
SAFSS A	I
SS-1	
SS-2	
SS-3	
SS-4	
SS-5	
SS-6	
SS-7	
SS-8	
SS-9	
SS-10	
SS-11	
SS-12	
SS-13	
SS-14	
SS-15	
SS-16	
SS-17	
SS-18	
SS-19	
SS-20	
SS-21	
SS-22	
SS-23	
SS-24	
SS-25	
SS-26	
SS-27	
SS-28	
SS-29	
SS-30	
SS-31	
SS-32	
SS-33	
SS-34	
SS-35	
SS-36	
SS-37	
SS-38	
SS-39	
SS-40	
SS-41	
SS-42	
SS-43	
SS-44	
SS-45	
SS-46	
SS-47	
SS-48	
SS-49	
SS-50	
SS-51	
SS-52	
SS-53	
SS-54	
SS-55	
SS-56	
SS-57	
SS-58	
SS-59	
SS-60	
SS-61	
SS-62	
SS-63	
SS-64	
SS-65	
SS-66	
SS-67	
SS-68	
SS-69	
SS-70	
SS-71	
SS-72	
SS-73	
SS-74	
SS-75	
SS-76	
SS-77	
SS-78	
SS-79	
SS-80	
SS-81	
SS-82	
SS-83	
SS-84	
SS-85	
SS-86	
SS-87	
SS-88	
SS-89	
SS-90	
SS-91	
SS-92	
SS-93	
SS-94	
SS-95	
SS-96	
SS-97	
SS-98	
SS-99	
SS-100	

50X1

TOP SECRET 190136Z
PRIORITY WADG INFO WORTH WHIG MARGO CITE [] 6982
REINDEER-X
REF. A. MSH 7309
B. [] 6970

1. PRELIMINARY INVESTIGATION OF TWO RECENT WIDE-BAND T/R READOUTS SHOWS READOUT STARTING LATER THAN USUAL AND CONSEQUENTLY NOT FINISHING READOUT BEFORE END OF CONTACT. HOWEVER, AT BEGINNING OF R/O, RECORDER IS NOT ALWAYS AT EOT. REQUIRE ANALYSIS OF MORE TAPES TO REACH ANY DEFINITE CONCLUSIONS.
2. NEW SUBJECT: FYI, POGO WILL BE INOPERATIVE BECAUSE OF MAJOR NEW EQUIPMENT INSTALLATIONS DURING THE FOLG. PERIODS (TENTATIVE):
2 THRU 6 FEB 66
20 FEB THRU 6 MAR 66

YOU MAY WISH TO CONSIDER ALTERNATE TASKING IN REINDEER-11.
TOP SECRET
CFN: 6982
REINDEER-X
REF. A. MSH 7309
B. [] 6970

1. PRELIMINARY INVESTIGATION OF TWO RECENT WIDE-BAND T/R READOUTS SHOWS READOUT STARTING LATER THAN USUAL AND CONSEQUENTLY NOT FINISHING READOUT BEFORE END OF CONTACT. HOWEVER, AT BEGINNING OF R/O, RECORDER IS NOT ALWAYS AT EOT. REQUIRE ANALYSIS OF MORE TAPES TO REACH ANY DEFINITE CONCLUSIONS.
2. NEW SUBJECT: FYI, POGO WILL BE INOPERATIVE BECAUSE OF MAJOR NEW EQUIPMENT INSTALLATIONS DURING THE FOLG. PERIODS (TENTATIVE):
2 THRU 6 FEB 66
20 FEB THRU 6 MAR 66

YOU MAY WISH TO CONSIDER ALTERNATE TASKING IN REINDEER-11.
BT

6

COPY _____ of _____
PAGE _____ of _____
Control No. _____

Handle via BYEMAN
Control System

mark
Cupn

8915

1966 JAN 22 PM 12 15

XMM
FTB092/221700Z ZFF-1 ZPO WORTH
BT
XXXXX
EIGHT EIGHT NINE GUARD FIVE SEVEN FOUR WORTH
GUARD PASS MARGO

SAFSS

7309

TOP SECRET 221655Z
IMMEDIATE WAHOO INFO PRIORITY MARGO WHIG WORTH CITE [] 7068
REINDEER-X
REF A. MSN 7309

file

- B. WAHOO 7308
- 1. DUE TO 3 REV DELAY BETWEEN READIN TERMINATION AND NEXT POSSIBLE CONTACT, WILL NOT BE ABLE TO DUMP RECORDER PRIOR TO MARGO CALS AS FOLLOWS:
 - A) REV 4090 B1 - CANNOT DUMP UNTIL 4095 BOSS, WHICH WOULD CONFLICT WITH 4095 MARGO.
 - B) REV 4120 B1 - CANNOT DUMP UNTIL 4125 BOSS WHICH CONFLICTS WITH 7307/08 REV 3265
 - C) REV 4135 B1 - CANNOT DUMP UNTIL 4140 BOSS WHICH CONFLICTS WITH 7307/08 REV 3280
 - D) REV 4165 B1 - IS O.K. WILL BE ABLE TO DUMP AT 4155 BOSS, BEFORE 4156 MARGO.

50X1

2. PLEASE SEND REINDEER-13 TO [] AND MARGO BEFORE 24 JAN.

3. FYI, ANALYSIS OF MODE B TAPE RECORDER:
R/O REV 3947 AND SIX SUBSEQUENT REVS FAILED TO READ OUT.
ON REV 4008, READOUT OCCURED, BUT ON NEXT TWO REVS FAILED TO READOUT. TLM INDICATES CONTINUED ERRATIC OPERATION.

TOP SECRET
OFN: 7068 WILL RERUN ON REQ
BT

DISTRIBUTION	SAT	SS	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10	SS-11	SS-12

~~TOP SECRET~~
Handle via BYEMAN
Control System

51012

Copy

Handle via BYEMAN
Control System

1966 JAN 24 PM 6 59

SAFSS

9054

1309

FTBWPQ/242305Z

BT

XXXXX

NINE FOUR SIX GUARD SIX ZERO SIX WORTH
GUARD PASS MARGO

50X1

TOP SECRET 242245Z

PRIORITY WAMDD INFO WORTH WHIG MARGO CITE 7136

REINDEER-10

A. 1309

B. 101/24 JAN

C. INDEF

D. , E. AS IN REINDEER-11 THRU REV 4101 EXCEPT: REV 3999 NOT CMDED DUE TO EQPT PROBLEMS. REV 4041 DELETED - CONFLICT PROG. 206 MODE B DID NOT READOUT FROM REV 3999 TO REV 4097, EXCEPT ON REV 4083 R/O AND 4008 R/O. THEREFORE, MODE B NOT EFFECTIVE ON MOST TASKS. REV 4086 CMDED C2 DID NOT RESULT IN R/O OF T/R #1, POSSIBLY SPURIOUS COMMAND ALL POGO CMDS WERE C2/72NA ONE REV EARLY.

F. NO CHANGE

G. MODE B TAPE RECORDER READING OUT VERY SELDOM, AS INDICATED ABOVE. ALSO, STARTING REV 3497, SIX SUBSEQUENT FAILURES TO READOUT.

TOP SECRET

CFN: WILL RERUN UPON REQ

BT

FILE	RF-2	RF-1	SS-11	SS-10	SS-9	SS-8	SS-7	SS-6	SS-5	SS-4	SS-3	SS-2	SS-1	SS-0
	3	2						1				4		

N
N
N

~~TOP SECRET~~
Handle via BYEMAN
Control System

Copy 1 of 5 Copies
Page 1 of 1 Pages
Control No. _____

7309

Control System

005 JAN 21 08 0 40

SAFSS 9279

TSCD075
R 010245Z
FM SAFSS
TO DIRNSA

MODE	A	Y
00-1		
00-2		2
00-3		
00-4		
00-5		
00-6	1	
00-7		
00-8		
00-9		
00-10		
00-11		
00-12		
00-13		
00-14		
00-15		
00-16		
00-17		
00-18		
00-19		
00-20		
00-21		
00-22		
00-23		
00-24		
00-25		
00-26		
00-27		
00-28		
00-29		
00-30		
00-31		

TOP SECRET 010030Z
PRIORITY WANDU INFO WHIG WORTH MARGO CITE 7194
REINDEER-70

6/2
A. 7309
B. 4207/31 JAN
C. INDEF

D. AS IN REINDEER-11 THRU REV 4207(4200) ALL POGO CMDS (EXCEPT REVS 4147 & 4162) CHANGED TO C2/T2NA ONE REV EARLIER.

E. N/A
F. NO CHANGE

G. MODE B TAPE RECORDER CONTINUES INTERMITTANT WITH INCREASING HIGH-ER NO-OPERATION RATE. RECORDER HAS NOT READOUT SINCE REV 4003 ON 23 JAN 66. ONLY ONE OF THE 15 MODE B CMDS BEFORE REV 4003 WAS SUCESSFUL. RECORDER NOW HAS THREE MODES OF OPERATION, WITH REGARD TO EITHER READIN OR READOUT:

- 1) STARTS NORMALLY ON COMMAND
- 2) STARTS AT SOME VARIABLE TIME AFTER START COMMAND
- 3) DOES NOT START AT ALL.

TOP SECRET
CFN: 7194 REINDEER-70 7309 4207/31 JAN REINDEER-11
4207(4208) POGO 4147 & 4162 C2/T2NA 4003 23JAN66 15
BT

50X1

N
N
N

Copy 1 of 2 Copies
Page 1 of 1 Pages.
Control No. _____

~~TOP SECRET~~
Handle via BYTAM
Control System

~~TOP SECRET~~
RECEIVED

R-109

[Handwritten scribble]

1 FEB 66 19 25z

DIAXX-3A

IFTA037
PP YEKADV

DE YEKALH 137 0321700
P 011638Z
FM OPCEN
TO USO DIA
SSO ACSI DA
AFSSO USAF
CNO
DIRNSA
STATE RCI
SAFSS
ZEM

[Handwritten mark]

7479 to 6

BYE-8180/66
CONTROL SYSTEM

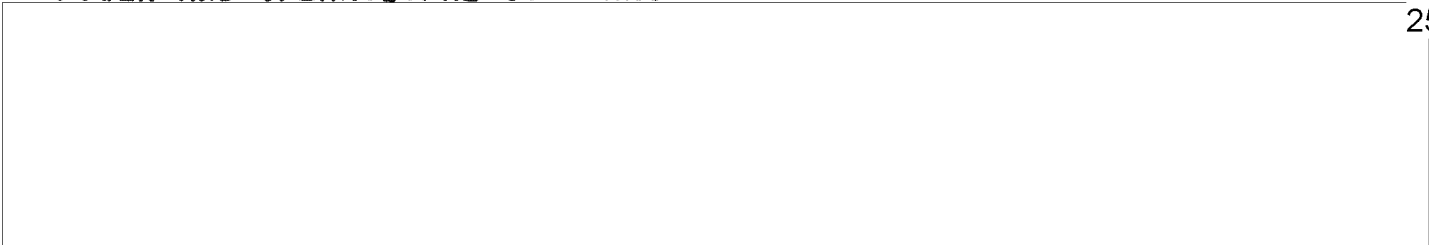
730

BYE-8180/66

TOP SECRET EARPOP - BYEMAN CHANNELS CITE OPCEN 3700
PASS TO LT. COL. T.J. SHEPHERD, CHAIRMAN, AND ALL COMOR SIGINT
WORKING GROUP MEMBERS, SAFSS FOR MR. WILLIS.

1. CIA MEMBER, CSWG, REQUESTS THAT THE FOLLOWING TASKING
FOR SIGINT SATELLITE MISSION 7309 PUNDIT BE APPROVED BY CSWG
AND FORWARDED TO THE NRO FOR IMMEDIATE IMPLEMENTATION:

QUOTE RECOMMEND PUNDIT 7309 BE TASKED AS FOLLOWS WITHIN
POWER AND OPERATIONAL CONSTRAINTS:



25X1

THIS TASKING SUPPERSEDES ALL PREVIOUS TASKING FOR PUNDIT
MISSION 7309. UNQUOTE

THIS RECOMMENDED TASKING SHOULD PROVIDE NECESSARY DATA FOR
PLANNING FUTURE SIGINT SATELLITE COLLECTION OPERATIONS AND
SHOULD ACQUIRE VALUABLE BATA TO ASSIST IN THE DESIGN OF
COMINT AND TELEMETRY COLLECTORS.

2. THE NSA MEMBER, CSWG, HAS ASSISTED IN THE DEVELOPMENT
OF AND CONCURRED IN THIS RECOMMENDED TASKING.

GP-1
220

BYE-8180/66
CONTROL SYSTEM

NNNN

~~TOP SECRET~~

[Handwritten signature]
Bye 8180-66
S.A.C. /

~~TOP SECRET~~
Handle via BYEMAN
Control System

1966 FEB 2 PM 4 46

SAFSS

file 736
9388

1022137Z

BT

XXXXX

THREE SIX SIX

TOP SECRET 022137Z

PRIORITY MARGO INFO WHIG CITE WAHOO 7565

REINDEER-X

A. 7309

B. REF MARGO 136-6. BASED ON CURRENT INTELLIGENCE REQUIREMENTS, DO NOT ANTICIPATE MODE A USE.

TOP SECRET

CFN: 7565 7309 MARGO 136-6 MODE A USE.

BT

50X1

N

N

N

Copy 1 of 2 Copies

Page _____ of _____ Pages.

Control No. _____

DISTRIBUTION		
SAFSS	A	I
SS-1		
SS-2		2
SS-3		
SS-4		
SS-5		
SS-6	1	
SS-7		
SS-8		
SS-9		
SS-10		
SS-11		
RF-1		
RF-2		
FILE		

~~TOP SECRET~~
Handle via BYEMAN
Control System

9288

TIME	ACT

WERE RETURN ON OPCEH 3750
WE LEFT OUT PART OF IT

137/011700Z
BT
OXXXX
ONE SIX SEVEN GUARD

DE VERMAM 137 0321700
P 011630Z
FM OPCEH
TO SSO DIA
SSO ACBI DA
AFSSO USAF
CNO
DIRNSA
STATE RCI
SAFSS
ZEM

TOP SECRET EARPOP - BYEMAN CHANNELS CITE OPCEH 3750
PASS TO LT. COL. T.J. SHEPHERD, CHAIRMAN, AND ALL COMOR SIGINT
WORKING GROUP MEMBERS, SAFSS FOR MR. WILLIS

1. CIA MEMBER, CSBG, REQUESTS THAT THE FOLLOWING TASKING
FOR SIGINT SATELLITE MISSION 7309 PUNDIT BE APPROVED BY CSBG
AND FORWARDED TO THE NRO FOR IMMEDIATE IMPLEMENTATION:

QUOTE RECOMMEND PUNDIT 7309 BE TASKED AS FOLLOWS WITHIN
POWER AND OPERATIONAL CONSTRAINTS:



THIS TASKING SUPERSEDES ALL PREVIOUS TASKING FOR PUNDIT
MISSION 7309. UNQUOTE
THIS RECOMMENDED TASKING SHOULD PROVIDE NECESSARY DATA FOR
PLANNING FUTURE SIGINT SATELLITE COLLECTION OPERATIONS AND
SHOULD ACQUIRE VALUABLE DATA TO ASSIST IN THE DESIGN OF
COMINT AND TELEMETRY COLLECTORS.

2. THE NSA MEMBER, CSBG, HAS ASSISTED IN THE DEVELOPMENT
OF AND CONCURRED IN THIS RECOMMENDED TASKING.
OP-1
ZEM

MR. WILLIS

*LET'S
FOR IT*

25X1

*Does this mean...
Had had report to...*

PRIORITY

SAFSS

SS-G-1

FT6728

10/1717Z ZFF1 ZEN WORTH

BT

XXXXX

SEVEN EIGHT SEVEN GUARD FIVE ONE TWO WORTH

TOP SECRET 101715Z

IMMEDIATE WAHOO INFO PRIORITY WHIG WORTH CITE

6940

REINDEER-X

REF A. MSN 7309

B. WAHOO 3137 (REINDEER-11)

1. AN APPARENT FAILURE OF A PORTION OF THE TIMING LOGIC HAS OCCURED, FIRST NOTICED ON 6 JAN AND CONFIRMED ON 9 JAN 66. NORMALLY, TO REDUCE SPURIOUS COMMANDING, LOGIC IS SET TO LOCK-OUT ALL COMMANDS BETWEEN THE END OF A STATION CONTACT (WHICH HAS INITIATED A READIN DELAY) AND THE END OF THE RESULTING READIN PERIOD. THIS LOGIC HAS FAILED, PREVENTING CONTACT UNTIL ACTIVATION OF A BACK-UP RE-ENABLE WHICH OCCURS 3.75 HOURS AFTER THE END OF THE STATION CONTACT (WHICH HAS INITIATED A READIN DELAY). (THERE IS NO LOCK-OUT AFTER A STATION CONTACT WHICH DOES NOT INTIATE A READIN DELAY).

2. TO SUMMARIZE, STATION CONTACTS USED TO INITIATE READINS MUST NOW BE SPACED APART BY AT LEAST 3.75 HOURS (2.37 REVS)

3. WE HAVE TENTATIVELY DELETED REVS 3880, 3891, AND 3895. REQUIRE REINDEER-13 TO REVISE REF B. ASAP. FUTURE REINDEER-11'S MUST FOLLOW THIS NEW CRITERIA.

TOP SECRET

CFN: CITE

6940

REINDEER-X

REF A. MSN 7309

B. WAHOO 3137 (REINDEER-11)

1. AN APPARENT FAILURE OF A PORTION OF THE TIMING LOGIC HAS OCCURED, FIRST NOTICED ON 6 JAN AND CONFIRMED ON 9 JAN 66. NORMALLY, TO REDUCE SPURIOUS COMMANDING, LOGIC IS SET TO LOCK-OUT ALL COMMANDS BETWEEN THE END OF A STATION CONTACT (WHICH HAS INITIATED A READIN DELAY) AND THE END OF THE RESULTING READIN PERIOD. THIS LOGIC HAS FAILED, PREVENTING CONTACT UNTIL ACTIVATION OF A BACK-UP RE-ENABLE WHICH OCCURS 3.75 HOURS AFTER THE END OF THE STATION CONTACT (WHICH HAS INITIATED A READIN DELAY). (THERE IS NO LOCK-OUT AFTER A STATION CONTACT WHICH DOES NOT INTIATE A READIN DELAY).

2. TO SUMMARIZE, STATION CONTACTS USED TO INITIATE READINS MUST NOW BE SPACED APART BY AT LEAST 3.75 HOURS (2.37 REVS)

3. WE HAVE TENTATIVELY DELETED REVS 3880, 3891, AND 3895. REQUIRE REINDEER-13 TO REVISE REF B. ASAP. FUTURE REINDEER-11'S MUST FOLLOW THIS NEW CRITERIA.

BT

~~TOP SECRET~~

Handle via BYEMAN Control System

60/10001

50X1

~~TOP SECRET~~
Handle in accordance
Control System

8471
file 2359

DISTRIBUTION	
CLASS	1
SS-1	4
SS-2	
SS-3	
SS-4	
SS-5	
SS-6	1
SS-7	
SS-8	
SS-9	
SS-10	
SS-11	
RF-1	2
RF-2	3
FILE	

FTB735/110135Z ZEN WORTH

BT
XXXXX
SFVEN NINE TWO GUARD FIVE ONE SIX WORTH
GUARD PASS MARGO -992

TOP SECRET 110100Z
PRIORITY WAOO INFO WHIG WORTH MARGO CITE 6945
REINDEER-70
A. 7309
B. 3889/10 JAN
C. INDEF

50X1

D., E. AS IN REINDEER 11, 13 THRU REV 3891 EXCEPT:
REV 3808 - NOT DONE - LOCK-OUT DURING PASS CAUSED BY "H" COMMAND SENT BY MARGO DURING THE BOSS CONTACT. REVS 3833, 46, 49, 61, 64, 76, 80, 81 NOT DONE DUE TO NEGATIVE ACQUISITION OR DELETION BECAUSE OF COMMAND LOGIC FAILURE. ALL POGO CMDS WERE CHANGED TO C5/72NA ONE REV EARLIER.
F. STARTING ON ABOUT REV 3825 A FAILURE OCCURED TO A PORTION OF THE COMMAND LOGIC. NORMALLY, TO REDUCE SPURIOUS COMMANDING, LOGIC IS SET TO LOCK-OUT ALL COMMANDS BETWEEN THE ENL OF A STATION CONTACT WHICH HAS INITIATED A READIN DELAY, AND THE END OF THE RESULTING READIN PERIOD. THE LOGIC WHICH RENABLES THE COMMAND SYSTEM HAS FAILED, PREVENTING CONTACT WITH VEHICLE UNTIL ACTIVATION OF A BACK-UP RE-ENABLE WHICH OCCURS 3.75 HRS. AFTER THE END OF THE STATION CONTACT. OPERATIONALLY, THIS HAS THE EFFECT OF DECREASING THE FREQUENCY OF READIN COMMANDS. ASSOCIATED WITH THIS FAILURE, T/R # 1 NOW READS-IN TO EOT (26 MIN.) RATHER THAN THE NORMAL 24 MIN, AND THE TRG (PAYLOAD CLOCK) NO LONGER IS FUNCTIONING.

G. TO SUMMARIZE PAYLOAD STATUS SINCE LAUNCH:
MODE A: COUPLING OF ENERGY FROM THE 10 WATT TRANSPOWER ANTENNA PRODUCES A LOSS OF SENSITIVITY OF 10 DB. AFTER REV 595, THE PULSED ON-ORBIT CALIBRATOR HAS BEEN INOPERATIVE (BUT CONTINUES TO FUNCTION IN THE C.W. MODE FOR MODE C.)
MODE B: THE 66 MC. RECEIVER CONTINUES TO PROVIDE FALSE RECOGNITION.
MODE C: NORMAL

TOP SECRET
CFN: 6945 70 7309 3889/10 JAN REINDEER-11, 13 THRU REV 3891
REV 3808 NOT DONE "H" REVS 3833, 46, 49, 61, 64, 76, 80, 81 NOT DONE
C5/72NA REV 3825 3.75 HRS T/R # 1 EOT (26 MINS) 24 MIN MODE A 10 WATT
10 DB REV 595 C.W. MODE C MODE B 66 MC MODE C
BT

14
60111001

NN

~~TOP SECRET~~
~~Handle via BYEMAN~~
~~Control System~~

D-010
8112

FIB877/182242Z ZEN WORTH
BT
XXXXX
EIGHT ZERO SIX GUARD FIVE TWO EIGHT WORTH
GUARD PASS MARGO

50X1

TOP SECRET 172350Z
PRIORITY VAMOO INFO WHIG WORTH MARGO CITE [] 6970
REINDEER-70

- A. 7309
- B. 3993/17 JAN
- C. INDEF
- D.,E. AS IN REINDEER-11 THRU REV 3993 EXCEPT THAT CMD B1, REV 3903, ALTHOUGH SENT AND VERIFIED, DID NOT RESULT IN A READOUT. POSSIBLY SPURIOUS R/O CMD HAD DUMPED THE T/RS; NO FURTHER OCCURANCE OF PROBLEM. ALL POGO CMDS WERE CHANGED TO C2/T2NA, ONE REV EARLIER.
- F. NO CHANGE

G. STARTING WITH R/O REV 3947, TELEMETRY HAS INDICATED ERRATIC OPERATION OF WIDE BAND (MODE B) TAPE RECORDER ON EVERY MODE B READOUT. ON TWO OCCASIONS NEGATIVE MODULATION FROM THE ASSOCIATED LINKS WAS REPORTED. TAPES NOT YET EXAMINED IN DETAIL TO DETERMINE ACTUAL CONDITION OF T/R. WILL ADVISE.

TOP SECRET
CFN: 6970
REINDEER-70

- A. 7309
- B. 3993/17 JAN
- C. INDEF
- D.,E. AS IN REINDEER-11 THRU REV 3993 EXCEPT THAT CMD B1, REV 3903, ALTHOUGH SENT AND VERIFIED, DID NOT RESULT IN A READOUT. POSSIBLY SPURIOUS R/O CMD HAD DUMPED THE T/RS; NO FURTHER OCCURANCE OF PROBLEM. ALL POGO CMDS WERE CHANGED TO C2/T2NA, ONE REV EARLIER.
- F. NO CHANGE

G. STARTING WITH R/O REV 3947, TELEMETRY HAS INDICATED ERRATIC OPERATION OF WIDE BAND (MODE B) TAPE RECORDER ON EVERY MODE B READOUT. ON TWO OCCASIONS NEGATIVE MODULATION FROM THE ASSOCIATED LINKS WAS REPORTED. TAPES NOT YET EXAMINED IN DETAIL TO DETERMINE ACTUAL CONDITION OF T/R. WILL ADVISE.

BT

MODE	A	B
SS-1		
SS-2		4
SS-3		
SS-4		
SS-5		
SS-6	1	
SS-7		
SS-8		
SS-9		
SS-10		
SS-11		
RF-1		2
RF-2		3

Copy 1 of 4 Copies
Page of Pages.
Control No.

~~TOP SECRET~~
Handle via BYEMAN
Control System

60117001

Handle Via BYEMAN received
Control System

1966 FEB 7 PM 10 40

SAFES

Handwritten: P.M. form
file 7309 ✓

9727

TS/CD121
R 000337Z
FM SAFES
TO DRINRSA

TOP SECRET 072356Z
PRIORITY WANDU INFO WORTH MARGO MADAM WHIG CITE [] 7239
REINDEER-70

- A. 7309
- B. 4314/7 FEB
- C. INDEF

D., E. AS IN WANDU 7452 THRU REV 4232 EXCEPT REV 4226 NOT DONE - BATTERY VOLTAGE WAS TOO LOW AT ACQUISITION. AS IN WANDU 7566 REV 4252-4314 (DELAY IN CHANGING OVER TO WANDU 7566 DUE TO PERSONNEL ERROR) ALL POGO COMMANDS DURING PERIOD CHANGED TO DELAY#2, ONE REV EARLIER. HAVING NO TROUBLE COVERING 3000 - 4000 AREA.

50X1

F. NO READOUT OF MODE B T/R SINCE REV 4083. T/R IS PRESIDENTLY STUCK IN MIDDLE OF TAPE AND MERELY MOVES. "BLIND" COMMANDING (REQUIRED BY OCCASIONAL FAILURE OF SPC-15 - SEE [] 5115) CAN NO LONGER BE DONE, SINCE WITH T/R NOT AT END-OF-TAPE, LOGIC IS SUCH THAT POWER REMAINS APPLIED TO T/R UNTIL NEXT ACQUISITION USING EXCESSIVE POWER (THIS WAS REASON FOR LOW VOLTAGE ON REV 4226).

TOP SECRET
OPN: [] 7239 REINDEER-70 7309 4314/7 FEB WANDU 7452 4232 4226
WANDU 7566 4252-4314 WANDU 7566 POGO #2 4083 APC-15 [] 5115 4226
BT

DATE	TIME	INITIALS
02-07	10:40	
02-08		
02-09		
02-10		
02-11		
02-12		
02-13		
02-14		
02-15		
02-16		
02-17		
02-18		
02-19		
02-20		
02-21		
02-22		
02-23		
02-24		
02-25		
02-26		
02-27		
02-28		
02-29		

Control System

06 FEB 7 PM 9 47

SAFSS

667309

9724

FT8538/0802 10Z ZEN WORTH
BT
NINE NINE ONE GUARD SIX FOUR FOUR WORTH

SAFSS A I	
SS-1	
SS-2	4
SS-3	
SS-4	
SS-5	
SS-6	7
SS-7	
SS-8	
SS-9	
SS-10	
SS-11	
SS-12	
RF-1	2
RF-2	3
FILE	

TOP SECRET 080200Z
PRIORITY WAHOO INFO WHIG WORTH CITE [] 7242
REINDEER-X
REF A. 7309
B. [] 5328
C. [] 5115
D. [] 5131
E. [] 7239
F. WAHOO 7718 (REINDEER-11)

1. DUE TO MODE B T/R NOT BEING AT END-OF-TAPE, CAN NO LONGER DO "BLIND" COMMANDING. (FOR REASON EXPLAINED IN REF E.) THEREFORE, IF SPC-15 DOES NOT OCCUR, WE MUST DISABLE READIN. SINCE WE MUST BE ABLE TO OBSERVE SPC-15, REF B. MUST BE MODIFIED TO REQUIRE 600 DURATION FOR BOTH READOUT AND COMMAND-ONLY PASSES.
2. NEW SUBJECT: RE REF F.
REF 4412 IN IN CONFLICT WITH 7312/REV 2958 AT BOSS. REV 4473 IS WITHIN 11 MIN. OF 7312/REV 3019 AT BOSS- WILL SCHEDULE BOTH VEHICLES BUT IT WILL BE CLOSE.

TOP SECRET
CFN: [] 7242 REINDEER-X 7309 [] 5328 [] 5115 [] 5131 [] 7239 WAHOO 7718 REINDEER-11 SPC-15 4412 7312/REV 1958 4473 7312/REV 3019
BT

~~TOP SECRET~~
Handle via BYEMAN
Control System

6020 2001
Copy 1 of 4
Page 1 of 4
Control No. _____

Control System

File 7309

SAFSS

06/7

FTB096/220330Z ZEN WORTH

BT

XXXXX

TWO ONE FIVE GUARD SEVEN SEVEN SIX WORTH TWO SIX NINE MADAM
GUARD PASS MARGO

TOP SECRET 220200Z

PRIORITY WAKOO INFO WORTH WHILE MADAM MARGO CITE 7655

REINDEER-70

A. 7309

B. 4522/21 FEB

C. INDEF

D. AS IN REINDEER-11 THRU REV 4519

E. N/A

F. VEHICLE COMMAND SYSTEM SENSITIVE TO COMMANDS SENT TO MSN 7307/08,
7312. NO SERIOUS DIFFICULTY SO FAR. STUDYING PROBLEM TO SEE IF ANY

EFFECT ON OPERATIONS.

G. NO CHANGE

TOP SECRET

CFN: 7655 TO 7309 4522/21 FEB 11 REV 4519 7307/08, 7312 NO CHANGE

BT

50X1

494

SAFSS-4	ACTION	INFO
DIRECTOR		
DEPUTY		
CORONA		
GAMBIT		
BARPOP		
WEATHER		
REBEL		
...		

~~TOP SECRET~~

Handle via BYEBAK

Control System 1966 FEB 28 PM 9 09

SAFSS

ym
7309

0842

FTB249/010055Z ZEN WORTH

BT

XXXXX

TWO FOUR SEVEN GUARD SEVEN EIGHT NINE WORTH TWO EIGHT SEVEN MADAM
GUARD PASS MARGO

305

TOP SECRET 282355Z

PRIORITY WAHOO INFO WORTH WHIG MADAM MARGO CITE 7751

50X1

REINDEER-70

file

- A. 7309
- B. 4626/28 FEB
- C. INDEF

D.,E. AS IN REINDEER-10 THRU REV 4626 EXCEPT: 4550 C2 NOT DONE, 4557 - C2 DONE INSTEAD - PERSONNEL ERROR. 4564 - C3 NOT DONE, NEG. ACQUISITION.

F. NEG. ACQUISITION ON REV 4564 PROBABLY DUE TO SPURIOUS COMMAND CAUSING LOCK-OUT. VEHICLE HAS BEEN NORMAL SINCE.

G. NO CHANGE. COMMUTATOR DATA INDICATED A MODE B RECOGNITION ON R/O REV 4252, HOWEVER W/B T/R WAS NOT WORKING. THE RCVR 3 L.O. SWEEP LOCKED AT APPROX. 140 SEC BEFORE R/I PERIOD TERMINATED.

TOP SECRET

CFN: 7751

REINDEER-70

- A. 7309
- B. 4626/28 FEB
- C. INDEF

D.,E. AS IN REINDEER-10 THRU REV 4626 EXCEPT: 4550 C2 NOT DONE, 4557 - C2 DONE INSTEAD - PERSONNEL ERROR. 4564 - C3 NOT DONE, NEG. ACQUISITION.

F. NEG. ACQUISITION ON REV 4564 PROBABLY DUE TO SPURIOUS COMMAND CAUSING LOCK-OUT. VEHICLE HAS BEEN NORMAL SINCE.

G. NO CHANGE. COMMUTATOR DATA INDICATED A MODE B RECOGNITION ON R/O REV 4252, HOWEVER W/B T/R WAS NOT WORKING. THE RCVR 3 L.O. SWEEP LOCKED AT APPROX. 140 SEC BEFORE R/I PERIOD TERMINATED.

BT

dm

6024001

1 4

DISPATCHED *M* *Cap...*

~~TOP SECRET~~

~~Handle via DYEAN Control System~~

1966 MAR 14 PM 9 00

SAFSS

P 150156Z
FM SAFSS
TO DIRNSA

TOP SECRET 150100Z
PRIORITY WAHOO INFO WORTH WHIG MARGO MADAM CITE [] 7935
REINDEER-70

50X1

file A. 1509

B. 4844/14 MAR

C. INDEF

D., E. AS IN REINDEER-11 THRU REV 4844 EXCEPT REV 4760 NOT DONE -
NEGATIVE ACQUISITION. REVS 4769, 4783, 4813, 4829 CHANGED TO C2 ONE
REV EARLIER.

F. NEG. ACQUISITION ON REV 4760 APPARENTLY DUE TO LOCK-OUT
CAUSED BY SPURIOUS COMMANDING. TM ON REV 4764 SHOWED THAT COMMAND
MATRIX HAD INDEED BEEN CHANGED. SINCE A SPURIOUS COMMAND MIGHT
"DUMP" DATA ALREADY COLLECTED, WE HAVE BEEN DUMPING RECORDER AS
SOON AS POSSIBLE AFTER READIN.

G. NO CHANGE

TOP SECRET

CFN: 7935 70 3709 4844/14 MAR INDEF 11 REV 4844 EXCEPT REV 4760

NOT DONE REVS 4769, 4783 4813 4829 C2 NEG REV 4760 TM REV 4764

NO CHANGE

BT

M

N

~~TOP SECRET~~
Handle via DYEAN
Control System

DISPATCHED	2
SATSE A	1
20-1	1
20-2	1
20-3	1
20-4	1
20-5	1
20-6	1
20-7	1
20-8	1
20-9	1
20-10	1
20-11	1
20-12	1
20-13	1
20-14	1
20-15	1
20-16	1
20-17	1
20-18	1
20-19	1
20-20	1
20-21	1
20-22	1
20-23	1
20-24	1
20-25	1
20-26	1
20-27	1
20-28	1
20-29	1
20-30	1
20-31	1
20-32	1
20-33	1
20-34	1
20-35	1
20-36	1
20-37	1
20-38	1
20-39	1
20-40	1
20-41	1
20-42	1
20-43	1
20-44	1
20-45	1
20-46	1
20-47	1
20-48	1
20-49	1
20-50	1

W
60319001

~~TOP SECRET~~
Handle via BYEMAN
Control System

1966 MAR 28 PM 9 55

SAFSS

2426

TSCDGT
R 29050Z
FM SAFSS
TO DENSA

TOP SECRET 290100Z
PRIORITY WAMOO INFO WORTH WHIG MADAM MARGO CITE 8348 8348
REINDEER-70
A. 7309
B. 5043/28 MAR
C. INDEF
D., E. AS IN REINDEER-11 THRU REV 5043 EXCEPT REVS 5011, 5026, 5041
DELETED - POGO DOWN FOR MAJOR MODIFICATION. ALL POGO COMMANDS
CHANGED TO C2 ONE REV EARLIER.
F. NO CHANGE
G. NO CHANGE
TOP SECRET
CPN: 8348 70 7309 5043/28 MAR 11 THRU REV 5043 REVS 5011, 5026, 5041
C2 NO CHANGE
BT

50X1

N
N
N

Copy 12
Page 04 Pages
Control No. _____

DISTRIBUTION	
CLASS	A I
SS-1	
SS-2	2
SS-3	
SS-4	
SS-5	
SS-6	
SS-7	1
SS-8	
SS-9	
SS-10	
SS-11	
SS-12	
SS-13	
SS-14	
SS-15	
SS-16	
SS-17	
SS-18	
SS-19	
SS-20	
SS-21	
SS-22	
SS-23	
SS-24	
SS-25	
SS-26	
SS-27	
SS-28	
SS-29	
SS-30	

~~TOP SECRET~~
Handle via BYEMAN
Control System

60328001

~~TOP SECRET~~
Handle via BYEMAN
Control System

DISPATCHED

Handwritten signature
3540

1966 MAY 2 PM 9 32

SAFSS

YGI8TA

VBPVPDVLRLRDSZMNRRAEKGJKOOTKSOXKQXC

P XNQIFXLTFTB009/030100Z ZPO WORTH

BT

XXXXX

NINE TWO TWO GUARD ONE FIVE TWO WORTH THREE EIGHT EIGHT MADAM
GUARD PASS MARGO

TOP SECRET 030020Z

PRIORITY WAHOO INFO WORTH MARGO WHIG MADAM CITE 8907

50X1

File

- A. 7309
- B. 5580/2 MAY
- C. INDEF

- D. AS IN REINDEER-11 THRU REV 5577.
- E. CMDS 5510, 5524, 5556 "C1" CHANGED TO C2 ON REV EARLIER.
- F. BASE MODULE TIMER (WHICH FAILED WO JAN - SEE 6945) HAS STARTED WORKING AGAIN, INTERMITTANTLY ON 24 APR AND WITHOUT FAIL SINCE REV 5543 (11 STATION CONTACTS). THERE IS NOW NO 3.75 HOUR RESTRICTION ON CONTACTING VEHICLE AFTER A READING. ALSO, VEHICLE CLOCK WORKING AGAIN AND T/R # 1 IS BACK TO 24 MIN R/I. (IT IS POSSIBLE, OF COURSE, THAT MODULE COULD FAIL AGAIN) AGAIN TASKING RWTE.

G. NO CHANGE

TOP SECRET

CFN: 8907 70 7309 5580/2 MAY INDEF REINDEER-11 THRU REV 5577 CMDS 5510 5524 5556 C1 C2 9 JAN 6945 24 APR REV 5543 11 NO 3.75 HOUR RESTRICTION T/R # 1 24 MIN R/I NO CHANGE

BT

DISTRIBUTION	
SAFES	A I
SS-1	
SS-2	
SS-3	
SS-4	
SS-5	
SS-6	
SS-7	
SS-8	
SS-9	
SS-10	
SS-11	
SS-12	
SS-13	
SS-14	
SS-15	
SS-16	
SS-17	
SS-18	
SS-19	
SS-20	

~~TOP SECRET~~
Handle via BYEMAN
Control System

Handwritten
1 of 2
60502001

~~TOP SECRET~~

Handle via BYEMAN

Control System

060 MAY 05 AM 11 52

SAFSS

R 030020Z ZEL
FM SAFSS
TO DIRNSA

file 7309 DESTROY ORIGINAL

~~TOP SECRET~~ 030020Z (CORRECTED COPY)
PRIORITY WAHOO INFO WORTH MARCO WHICH IS AM CITE [] 8907
REINDEER-70

- A. 7309
- B. 5580/2 MAY
- C. INDEF
- D. AS IN REINDEER-11 THRU REV 5577.
- E. CMDS 5510, 5524, 5556 "C1" CHANGED TO C2 ON REV EARLIER.
- F. BASE MODULE TIMER (WHICH FAILED 9 JAN - SEE [] 6945) HAS STARTED WORKING AGAIN, INTERMITTANTLY ON 24 APR AND WITHOUT FAIL SINCE REV 5543 (11 STATION CONTACTS). THERE IS NOW NO 3.75 HOUR RESTRICTION ON CONTACTING VEHICLE AFTER A READIN. ALSO, VEHICLE CLOCK WORKING AGAIN AND T/R # 1 IS BACK TO 24 MIN R/I. (IT IS POSSIBLE, OF COURSE, THAT MODULE COULD FAIL AGAIN)
- G. NO CHANGE

50X1

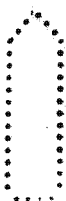
~~TOP SECRET~~
CFN: 8907 70 7309 5580/2 MAY INDEF REINDEER-11 THRU REV 5577 CMDS 5510 5524 5556 C1 C2 9 JAN [] 6945 24 APR REV 5543 11 NO 3.75 HOUR RESTRICTION T/R # 1 24 MIN R/I NO CHANGE
BT

DISTRIBUTION		
SAFSS A I		
SS-1		
SS-2		
SS-3		2
SS-4		
SS-5		
SS-6		
SS-7		7
SS-8		
SS-9		
SS-10		
SS-11		
RF-1		
RF-2		
FILE		

~~TOP SECRET~~
Handle via BYEMAN
Control System

60503001

1/2



3913

1966 MAY 21 08 40

409

FTR 661/210730Z ZPG WORTH

BT
XXXXX
GIARD 209 WORTH 289

~~TOP SECRET~~
Handle via STEWARD
Control System

50X1

TOP SECRET 210800Z CITE [] 9313
PRIORITY WAHOO INFO WORTH WHIG
REINDEER - X
REF. MSN 7309

File

1. ON REV 5851, T/R NUMBER 1 FAILED TO READOUT, AND HAS NOT READ-OUT SINCE. SCHEDULED READINGS COMMANDING IS CONTINUING. EXACT REASONS FOR FAILURE NOT YET KNOWN.
2. SHOULD THIS CONDITION CONTINUE, THE ONLY OPERATION MODE LEFT WOULD BE TRANSPOND.

TOP SECRET
BT

DISTRIBUTION	
SAKSA A 1	
SA-1	<input checked="" type="checkbox"/>
SA-2	
SA-3	
SA-4	
SA-5	
SA-6	<input checked="" type="checkbox"/>
SA-7	
SA-8	
SA-9	
SA-10	
SA-11	
SA-12	
SA-13	
SA-14	
SA-15	
SA-16	
SA-17	
SA-18	
SA-19	
SA-20	
SA-21	
SA-22	
SA-23	
SA-24	
SA-25	
SA-26	
SA-27	
SA-28	
SA-29	
SA-30	
SA-31	
SA-32	
SA-33	
SA-34	
SA-35	
SA-36	
SA-37	
SA-38	
SA-39	
SA-40	
SA-41	
SA-42	
SA-43	
SA-44	
SA-45	
SA-46	
SA-47	
SA-48	
SA-49	
SA-50	
SA-51	
SA-52	
SA-53	
SA-54	
SA-55	
SA-56	
SA-57	
SA-58	
SA-59	
SA-60	
SA-61	
SA-62	
SA-63	
SA-64	
SA-65	
SA-66	
SA-67	
SA-68	
SA-69	
SA-70	
SA-71	
SA-72	
SA-73	
SA-74	
SA-75	
SA-76	
SA-77	
SA-78	
SA-79	
SA-80	
SA-81	
SA-82	
SA-83	
SA-84	
SA-85	
SA-86	
SA-87	
SA-88	
SA-89	
SA-90	
SA-91	
SA-92	
SA-93	
SA-94	
SA-95	
SA-96	
SA-97	
SA-98	
SA-99	
SA-100	

NN
N
N

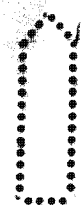
~~TOP SECRET~~
Handle via STEWARD
Control System

192
6052100

MUT
Received
RECEIVED

3 942

~~TOP SECRET~~
1966 MAY 23
HAMM ~~vs~~ BYEMAN
Control System
SAFSS



FTB713/240200Z ZPO WORTH WEDGE
BT
XXXX
WARD 223 WORTH 301 WEDGE 271 MADAM 420
GUARD PASS MARGO

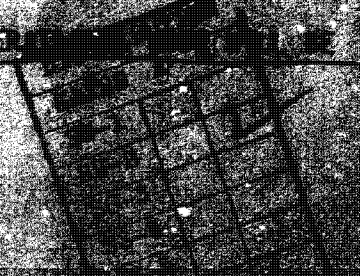
50X1

TOP SECRET 232355Z CITE [] 9342
PRIORITY WAGOO INFO WORTH WHIG MARGO WEDGE MADAM
REINDEER-70

late
A. ~~7309~~

- B. 5897/23 MAY
- C. INDEF
- D. AS IN REINDEER-11 THRU REV 5849 EXCEPT
- E. REVS 5813, 5827 DELETED - CONFLICT 7160
CMOS SENT AS SCHEDULED REVS 5850-5895 BUT NO T/R # 1 BEING OUT.
- F. T/R # 1 NOT READING OUT - SUSPECT TRANSPORT OR CONTROL FAILURE.
- G. NO CHANGE
- H. ASSUMING T/R # 1 CONTINUES BAD, ONLY OPERATIONS WILL BE TRANSMIT.

TOP SECRET
BT



rm 10 -
Capt m AM

~~TOP SECRET~~
Handle via BYEMAN
Control System

RECEIVED

4115

PM 1 58

SAFSS

FTB 909
DIC 005/021745Z ZPO WORTH GUARD
BT
XXXXX
WORTH 083 GUARD 187 WEDGE 092 [] 205
GUARD PASS MARGO

817
TOP SECRET 021735Z CITE MADAM 1532
PRIORITY WAHOD INFO PRIORITY WORTH WHIG MARGO WEDGE []
REINDEER-X
FROM: MAJ. W. T. MC KILLIP
REF: A. MSN 7309

file [] 9342 (PARA E AND F)
C. [] 9355

- EXAMINATION OF T/R #1 READOUTS SINCE FAILURE OF TLM MONITOR INDICATES NORMAL TAPE RECORDER OPERATION.
- TRACKING STATIONS ARE NOW VERIFYING T/R OPERATION (PREVIOUSLY SUPPLIED BY TLM MONITOR) BY USING IRIG CHANNEL D SUB-CARRIER DISCRIMINATOR ON LINK 1. VERIFICATION CONSISTS OF OBSERVING A WAVE TRAIN WHICH INDICATES THAT DATA ARE BEING READ OUT.

TOP SECRET

BT

DISTRIBUTION		
SAFSS	A	I
SS-1		
SS-2		2
SS-3		
SS-4		
SS-5		
SS-6		1
SS-7		
SS-8		
SS-9		
SAFRD-1		
SAFRD-2		
COMP		
RAPEL		
AFRDM		
RE		
REP		

50X1

~~TOP SECRET~~
Handle via BYEMAN
Control System

435V

DISPATCHED

1966 JUN 20 PM 8 39

SAFSS

FTB369 /202350Z ZPO WORTH

BT

XXXX

QJARD 473 MADAM 446 WORTH 451

QJARD PASS MARGO

TOP SECRET 202230Z CITE [] 9735
PRIORITY WAHOO INFO WORTH, WHIG, MARGO, MADAM
REINDEER-70

File

A. 309

B. 6521/20 JUN

C. INDEF

D. AS IN REINDEER-11 THRU REV 6327, EXCEPT

E. REV 6273 DELETED - BATTERY EXERCISE

ALL POGO C1 COMMANDS CHANGED TO C2 ONE REV EARLIER.

REV 6251 C2 CHANGED TO 6252 C1.

F. NO T/R READOUT ON REVS 6095, 6103, 6110, 6117, AND 6124 AS
EXPECTED. SYMPTOMS INDICATE SPURIOUS COMMAND CAUSING PREMATURE
R/O RATHER THAN T/R FAILURE. T/R READOUT HAS BEEN NORMAL SINCE

G. NO CHANGE

TOP SECRET

BT

DISTRIBUTION		
SAFSS	A	I
SS-1		
SS-2		2
SS-3		
SS-4		
SS-5		
SS-6		1
SS-7		
SS-8		
SS-9		
SAFSD1		
SAFSD2		
COMP		
SAFSL		
AFRRR		
RE		
FILE		

25X1

4471

1966 JUN 27 PM 9 23

SAFSS

TS00000
P 200100Z
FM SAFSS
TO DIRNSA

50X1

TOP SECRET 272320Z CITE [redacted] 9791
PRIORITY MARGO INFO WHIG, MARGO, WORTH, KADRAN
REINDEER-70

- A. 7309
- B. 0425/27 JUN
- C. INDEF
- D. AS IN REINDEER-11 THRU REV 0424
- E. ALL PAGO C1 CHRS CHANGED TO C2 ONE REV ENLARGED
- F. REF. PARA F. [redacted] 9735. FURTHER ANALYSIS INDICATED THAT [redacted] FAILED TO READOUT ON THOSE PAGES - APPARENTLY [redacted] FAILURE, SINCE NO FURTHER FAILURES HAVE BEEN OBSERVED.
- G. NO CHANGE

TOP SECRET
BT

DISTRIBUTION	A																
	SAFSS	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SAFRD-1	SAFRD-2	COMP	SAFEL	AFTRD	IN	FILE

~~TOP SECRET~~

Handle via [redacted]
Control System

60627001

4907

~~TOP SECRET~~ *MTRB*
Handle via BYEMAN
Control System

TSCD005
P 252300Z
FM SAFSS
TO DIRNSA

1966 JUL 25 PM 8 47
SAFSS

DISPATCHED
50X1

TOP SECRET 252230Z CITE [] 0368
PRIORITY WAHOO INFO WORTH, WHIG, MARGO, MADAM
REINDEER-70

file

- A. ~~4309~~
- B. 6841/24 JULY
- C. INDEF
- D. AS IN REINDEER-11 THRU REV 6781, EXCEPT
- E. REV 6766 DELETED - CONFLICT 7160, 6781 CANCELLED - CONFLICT 206.
(OPERATIONS AFTER REV 6781 CANCELLED AS PER WAHOO 1196)
- F. NO CHANGE. STARTING 1 AUG, VEHICLE WILL BE CONTACTED ONLY
ONCE PER WEEK, AND BATTERY EXERCISED ONCE EACH TWO WEEKS TO
MAINTAIN VEHICLE HEALTH.
- G. NO CHANGE.

TOP SECRET
BT

DIRNSA
SAFSS
SS-1
SS-2
SS-3
SS-4
SS-5
SS-6
SS-7
SS-8
SS-9
SAFRD-1
SAFRD-2
COMP
SAFBI
ALTRD
XP
POB

~~TOP SECRET~~
Handle via BYEMAN
Control System

1 of 2

60725

~~TOP SECRET~~

Handle via BYEMAN
Control System

DISPATCHED

Handwritten signature

1966 SEP 12 PM 10 19

SAFSS 5651

530 431

FT0861/130207Z ZPO WORTH WEDGE
BT
XXXXX
GUARD 337 WORTH 899 WEDGE 371 MADAM 511
GUARD PASS MARGO

TOP SECRET 130205Z CITI [redacted] 1190
PRIORITY WANDU INFO WORTH, WHIG, MARGO, WEDGE, MADAM
REINDEER-X

File A. 7309
B. DURING REVS 7552, 7554, 7556, 7559, 7574, AND 7576 A SPECIAL CHECK WAS MADE ON MSN # 7309 TO DETERMINE VEHICLE HEALTH. ON EACH OF THE PASSES THE TM SIGNAL WAS VERY NOISY AND ON EACH PASS THE COMMANDS WERE NOT VERIFIED UNTIL AROUND MID PASS (MID PASS WAS THE ONLY PORTION OF A PASS WHERE SOME MODULATION WAS OBSERVED). DURING ONE PASS THE VEHICLE TRANSMITTERS WERE TRANSFERRED, HOWEVER, NO NOTICEABLE CHANGE IN SIGNAL QUALITY WAS OBSERVED. A COMPLETE EVALUATION CAN BE MADE ONCE THE CONTRACTOR HAS EXAMINED THE PAYLOAD DATA. RESULTS WILL BE REPORTED AS SOON AS AVAILABLE.

TOP SECRET
BT

DISTRIBUTION	
SAFRD	A I
SS-1	
SS-2	
SS-3	
SS-4	
SS-5	
SS-6	/
SS-7	
SS-8	
SS-9	
SAFRD-1	
SAFRD-2	
COMP	
SAFEL	
AFRDR	
RF	
FILE	

50X1

1 of 2

MN
N
N

~~TOP SECRET~~
Handle via BYEMAN
Control System

60912001

109 17

MADE IN VIETNAM
CONTROL SYSTEM

5700

1966 SEP 15 PM 3 20

SAFSS

FTR90801C241/091805Z ZPO GUARD WORTH WEDGE
BT
XXXXX
GUARD 259 WORTH 267 WEDGE 130 282
GUARD PASS MARGO

Y

T O P S E C R E T 091800Z CITE MADAM 1768
PRIORITY WAHOO MARGO INFO PRIORITY WORTH WHIG WEDGE
REINDEER-X
FROM LT J F SCHEERER

A. 7309
B. REF. 1190
C. THE FOLLOWING EVALUATION OF MISSION 7309 DATA WAS MADE IN ACCORDANCE WITH REF. B.

6994C (R/I UNK)
SPURIOUS R/I DUE TO REV 6785 EXERCISE OF PREVIOUS DAY. MODE A&C. MAIN QUALITY.

7495H (R/I 7487)
WEAK SIGNAL THROUGHOUT PASS. NO UABLE DATA. MODE C.

7554C (R/I 7553)
LINK 1 VERY NOISY. NO USABLE DATA. MODE A.

7556H (R/I 7554)
UNUSABLE SIGNAL THROUGHOUT PASS. UNABLE TO FIND MODULATION IN NOISE. NO USABLE DATA. MODE B.

7559B (R/I 7556)
NOISY SIGNAL THROUHOUT PASS. NO USABLE DATA. MODE C.

7574B (R/I 7560)
LINKS VERY NOISY. NO USABLE DATA. MODE C.

7576C (R/I 7575)
SIGNAL EXTREMELY NOISY. NO USABLE DATA. MODE C.

D. IT OUR RECOMMENDATION THAT NO TASKING FROM WAHOO BE INITIATED UNLESS THE QUALITY OF THE DATA RECEIVED IMPROVES. TASKING WOULD STILL BE CONDUCTED LOCALLY TO CHECK THE OPERATIONAL STATUES OF THIS MISSION AND TO PROTECT THE VEHICLE HEALTH. TAPES FROM THESE PASSES WOULD BE HELD AT MADAM AND WOULD BE FORWARDED TO MARGO AND EDL UPON REQUEST.

T O P S E C R E T

BT

MISSION	A	I
SS-1		
SS-2		2
SS-3		
SS-4		
SS-5		
SS-6		1
SS-7		
SS-8		
SS-9		
SAFRD-1		
SAFRD-2		
COMP		
SAFSL		
AFRDR		
RF		
FILE		

50X1

JA2

6091500

TOP SECRET
MADE IN VIETNAM
CONTROL SYSTEM

609 15

Handle via BYEMAN Control System

DISPATCHED

SSS
MT/B
us

1966 SEP 19 PM 9 14

SAFSS

FTB123/192345Z ZPO WORTH WEDGE
BT
XXXXX
GUARD 467 WORTH 950 WEDGE 302 MADAM 523
GUARD PASS MARGO

5762

TOP SECRET 192335Z CITE 1304
PRIORITY WAMOO INFO WORTH, WHIG, WEDGE, MARGO, MADAM
REINDEER-70

25X1

File

1309
B. 1008/19 SEPT 66
C. INDEF

D., E. THERE HAS BEEN NO CHANGE IN THE VEHICLE HEALTH STATUS ON
NSN 7309 SINCE THE LAST REINDEER-70. TELETYPE MESSAGES FOR ALL
FOUR (4) LINES CONTINUE TO BE NOISY, AS THE RESULT OF THE NOISY
SIGNAL, COMMANDS ARE NOT VERIFIED ON MANY OF THE LINES. THE
MOST USABLE DATA ANY PASS HAS PROVIDED SINCE THE REINDEER-70
APPEARED IS APPROXIMATELY 00 SECONDS. THE VEHICLE HEALTH RECORDS
OF THE LAST VEHICLE HEALTH CHECK ARE BEING CONTINUED.

F. NO CHANGE
G. NO CHANGE
TOP SECRET
BT
