

OUTLINE



BT
XXXXX ZEA

1964 FEB 25 17 31

SAFSS 2453

SECRET 251718Z

WORTH INFO WAMOO CITE WHIG 0952

EARPOP

REF WHIG 0878

FOR COL YUNDT AND LCOL COPLEY. INFO COL GENEZ.

THE FOLLOWING CORRECTED MISSION AND VEHICLE NUMBERS
ARE FURNISHED. APPROXIMATE LAUNCH DATES REMAIN AS IN
REFERENCE.

PAYLOAD	MISSION NR	VEHICLE NR
A. NOAH'S ARC (INCLUDES PAYLOADS PREVIOUSLY IDENTIFIED FOR MISSION 7223 AND 7224.)	7304	960
B. STEP 13	7305	962
C. PLYMOUTH ROCK	7306	962

SECRET

CFN: 0952 0878 COL YUNDT LCOL COPLEY COL GENEZ NOAH'S ARC 7304

960 7223 7224 STEP 13 7305 962 PLYMOUTH ROCK 7306 962

BT

2453

SECRET

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Control System

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INCOMING

1964 MAY 1 01 24

SAFSS 07190

/O10006Z ZEA ZPO []

BT

XXXXX ZEA

EIGHT NINE TWO WORTH ONE THREE ONE [] ZERO NINE THREE []

FIVE FIVE NINE OPCEN

OPCEN PASS ADIC MANOR

7304

25X1

TOP SECRET 010006Z

ROUTINE WORTH [] WHIG MARGO INFO [] ADIC MANOR CITE WAHOO 3185

REINDEER-21/WEDGE

A. 7304

B. NOAH'S ARC

C. (1) SEARCH FOR SUSPECTED SOVIET ABM ASSOCIATED RADAR ACTIVITY IN 154-162 MC BAND.

(2) GENERAL SEARCH AND EOB OF PULSE EMITTERS IN 169-177 MC AND 220-550 MC BANDS.

D. 154-162 MC

169-177 MC

220-550 MC

E. JULY 1964

TOP SECRET

CFN:3185 -21 7304 NOAH'S ARC ABM 154-162 MC EOB 169-177 MC 220-550 MC

154-162 MC 169-177 MC 220-550 MC JULY 1964

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07190

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Decide via DIVERGENT Control System

INCOMING

1964 MAY 1 01 26

/010008Z ZEA ZPO []

SAFSS 007188

BT
 XXXXX ZEA
 EIGHT NINE FOUR WORTH ONE THREE THREE [] ZERO NINE FIVE [] FIVE
 SIX ONE OPCEN
 OPCEN PASS ADIC MANOR

7304

25X1

TOP SECRET 010008Z
 ROUTINE WORTH [] WHIG MARGO INFO [] ADIC MANOR CITE WAHOO 3187
 REINDEER-21/WEDGE

- A. -7304
- B. NOAH'S ARC
- C. (1) SEARCH FOR SUSPECTED SOVIET ABM ASSOCIATED RADAR ACTIVITY IN 154-162 MC BAND.
 (2) GENERAL SEARCH AND EOB OF PULSE EMITTERS IN 169-177 MC AND 220-550 MC BAND.
- D. 154-162 MC
 169-177 MC
 220-550 MC
- E. JULY 1964.

TOP SECRET
 CFN: 3187 -21 7304 NOAH'S ARC ABM 154-162 MC EOB 169-177 MC 220-550 MC
 154-162 MC 169-177 MC 220-550 MC JULY 1964
 BT

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007188

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13
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1964 MAY 26 21 15

SAFSS 3383

/262 102Z ZEA ZPO []

BT

XXXX ZCA

FIVE ZERO SEVEN WORTH SIX THREE NINE OPCEN ONE FOUR TWO [] TWO THREE

EIGHT []

OPCEN PASS MANOR ADIC

25X1

TOP SECRET 262 102Z

Wahoo WORTH MARGO MANOR ADIC [] CITE WHIG 1287

REINDEER-37/WEDGE

A. 7304

B. 30 JUN 64

TOP SECRET

CFM -37 7304 30 JUN 64

BT

7304

NNNN 3383

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File 7304

TSBA613 082015Z/ZEK

BT

XXXX ZE

FOUR EIGHT SIX ZERO

C8003

TOP SECRET 08 1940Z

PRIORITY WARD CITE WORTH 5032

REINDEER-X

REF A. MSN 7304

B. WORTH 4980

SINGLE BURN ENGINE, PREVIOUSLY QUALIFIED, HAS BEEN INSTALLED ON AGENA VEHICLE 4807. THE SINGLE BURN ENGINE WILL INJECT MSN 7304 WHEREAS AGENA 4807 WILL BE USED TO INJECT MSN 4010 INTO ORBIT. MSN 4010 IS SCHEDULED AS A BACK-UP TO MSN 4009 (SCHED FOR 30 JUN LAUNCH) OR FOR LAUNCH ON 22 JUL IF NOT NEEDED AS BACK-UP. BASED ON THESE FACTS, MSN 7304 IS CURRENTLY SCHEDULED FOR LAUNCH ON/ABOUT 7 JUL (IN BACK-UP CAPACITY) OR 22 JUL.

TOP SECRET

CFN WORTH 5032 -X REF A. MSN 7304 B. WORTH 4980 AGENA 4807 MSN

7304 4010 BACK-UP MSN 4009. (SCHED FOR 30 JUN LAUNCH)

22 JUL NOT NEEDED BACK-UP MSN 7304 ON/ABOUT 7 JUL (IN BACK-UP CAPACITY) 22 JUL

BT

NNNN

C8005

uncontrolled

one larger
under 300

PRIORITY

DID 121/250130Z ZEA ZPO NORTH

BT

XXXX ZEA

ZERO ZERO FIVE

THREE FOUR EIGHT

TOP SECRET 252112Z

PRIORITY WABCO INFO PRIORITY NORTH WHIG CITE

REINDEER-A

REF. MSG 7304

1. FOLG IS A TYPICAL ONE DAY SEQUENCE FOR CONTACTS FOR COMMANDING AT MILAONLY

REV	ASC NODE	LAT ON		LAT OFF	EVENT
	(WEST LONGITUDE)				
1	338				DUMP AND COMMAND NEW TIMING SEQUENCE
2	1				NONE
3	24				NONE
4	47				NONE
5	70	180	280		READIN
6	93	180	280		READIN
7	116	180	280		READIN
8	139	180	280		READIN
9	162				DUMP AND COMMAND NEW TIMING SEQUENCE
10	185				NONE
11	208	180	280		READIN
12	231				NONE
13	254				NONE
14	277	180	280		READIN
15	300	180	280		READIN
16	323	180	280		READIN, DUMP AND COMMAND NEW TIMING SEQUENCE
17	346				A HAMTE DUMP AND COMMAND NEW TIMING SEQUENCE

7304

SS-1		
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SS-4		
SS-5		
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SS-7		
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SS-11		
RF-1		2
RF-2		3
FILE		

25X1

2. BASED UPON 93 DEG INCLINATION AND 91.8 MIN PERIOD
ACHIEVABLE FROM AGENA 4807 (NOW SCHEDULED FOR 30 JUN 64 LAUNCH),
THE FOLLOWING TIME DELAYS WERE SELECTED TO ACCOMPLISH READINS
IN PARA. 1

DECK 2 (NORTH BOUND)

SPC 21	18690 SECONDS	REV 11	READIN
SPC 22	27202 SECONDS	REV 14	READIN
SPC 23	32706 SECONDS	REV 15	READIN

~~TOP SECRET~~

~~RECEIVED BY EYEMAN~~

~~Control System~~

08709

Copy 1 of 3
Page 1 of 3 Pages

DECK	NAME	TIME	STATUS
SPC 31	21054	SECONDS	REV 1
SPC 32	21055	SECONDS	REV 1
SPC 33	21056	SECONDS	REV 1
SPC 34	21057	SECONDS	REV 1
SPC 35	SPARE		
SPC 36	21058	SECONDS	COPY AND DISKETTE IMAGE

3. COMMAND DESCRIPTION:

4. WILL SEND NOMINAL REINDEER-68 ASAP.

CFN WILL RETRANSMIT UPON REQ
ET

CONCLUSIONS

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

ST

08734

NNNN

7304

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SS-11			
RF-1			
RF-2			
FILE			

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~~Handle via Bremen~~

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~~Control System~~

1964 JUN 26 20 21

261718Z ZEA

SAFSS

08791

XXXX ZEA
SIX THREE SEVEN WORTH THREE THREE ONE
WORTH PASS MADAM

TOP SECRET 261718Z
IMMEDIATE WORTH INFO WHIG [REDACTED] MADAM CITE WAHOO 3797
REINDEER - X

25X1

A. 7304
3. REF [REDACTED] 1 (NOTAL). TIME DELAYS STATED REF NSC ARE
ADEQUATE, HOWEVER, CHANGES ARE DESIRABLE TO OPTIMIZE
COLLECTION EFFORT. PREFERRED WOULD BE TIME DELAYS TO
ACHIEVE SEQUENCE FOR CONTACTS FOR COMMANDING AT HULA ONLY
AS FOLLOWS:

REV	ASC NODE (WEST LONGITUDE)	LAT ON	EVENT
1	338		DUMP AND COMMAND
2	1		NONE
3	24		NONE
4	47		NONE
5	78	170	READ IN
6	93	160	READ IN
7	116	170	READ IN
8	139	170	READ IN
9	162		DUMP AND COMMAND NEW TIMING SEQUENCE
10	185		NONE
11	208	120	READ IN
12	231		NONE
13	254	100	READ IN
14	277		NONE
15	300	100	READ IN
16	323	100	READ IN
17	346	100	READ IN

7304

~~TOP SECRET~~

~~Handle via BYEMAN~~
~~Control System~~

INCOMING

1964 JUN 27 00 48

SAFSS

TSBA767/270043Z ZEA ZPO

BT

ZEA

FIVE FIVE GUARD THREE EIGHT SIX

08027

~~TOP SECRET~~ 270037Z

IMMEDIATE WAHOO INFO WHIG MADAM CITE WORTH 5191.

REINDEER - X

REF A. WAHOO 3797

REF B. MSN 7304

1. TIME DELAYS REQUESTED IN REFERENCED MESSAGE ARE BEING ACCOMPLISHED.

~~TOP SECRET~~

CFV: 5191 - X REF A WAHOO 3797 REF B MSN 7304 1

BT

7304

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25X1

PRIORITY

~~TOP SECRET~~

~~Handle via BYEMAN~~

~~Control System~~

INCOMING

1964 JUN 28 02 41

TSBA768/289230Z ZEA ZPO OPEN

SAFSS 08865

31

XXXXXX ZEA

FIVE FIVE SIX GUARD THREE EIGHT SEVEN [REDACTED] ZERO THREE TWO

NINE THREE FIVE OPEN

GUARD PASS MARGO

OPEN PASS

25X1

TOP SECRET 2802 BZ

PRIORITY WAHOO INFO PRIORITY WHIG MARGO ADIC

CITE WORTH 5 192.

RE INDEER-34 / WEDGE

A. 73 84

3. 30 JUNE 64, 18102

C. NONE

D. NONE

TOP SECRET

CFN: 5192 -34/WEDGE A 7304 B 30 JUNE 64 1810Z C NONE D NONE

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7304

1999

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INCOMING

1964 JUN 28 02 46

FIVE FIVE SEVEN GUARD

SAFSS

08864

131

1993

8864

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1964 JUN 28 22 41

SAFSS 48881

TSDA771/282150Z ZEA ZPD [redacted] OPEN

BT

X00000 ZEA

FIVE FIVE NINE GUARD THREE EIGHT NINE [redacted] ZERO THREE FOUR [redacted]

25X1

NINE THREE SEVEN OPEN

GUARD PASS MARGO

OPEN PASS [redacted]

T O P S E C R E T 282118Z

PRIORITY WAWOO INFO PRIORITY [redacted] WHIG MARGO [redacted] ADIC [redacted]

25X1

CITE WORTH 5195.

REINDEER-34/WEDGE

A. 7304

B. 2 JULY 64, 1810Z

C. TROUBLE IN AGENA NECESSITATED 2 DAY SLIP

D. NONE

T O P S E C R E T

CFN: 5195 -34/WEDGE A 7304 B 2 JULY 64 1810Z C 2 DAYS SLIP D NONE

E

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8881

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TSOATT/292205Z/ZEA ZPO [redacted] OPCEN

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XXXX ZEA
FIVE SIX TWO THREE THREE NINE FIVE [redacted] ZERO THREE SEVEN [redacted]
NINE FOUR [redacted]
GUARD PASS [redacted]
OPCEN PASS [redacted]

TOP SECRET 292138Z
PRIORITY Wahoo INFO PRIORITY [redacted] WHIG WARGO [redacted] ADIC [redacted]
CITE WORTH 5202
REINDEER-34/WEDGE
A. 7304
B. 2 JULY 64, 1810Z
C. NONE
D. NONE

TOP SECRET
CFN: 5202 -34/WEDGE A. 7304 B. 2 JULY 64 1810Z C. NONE
D. NONE
BT

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25X1

3906

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PRIORITY

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INCOMING

1964 JUN 31 00 - 54

TSBA788/010020Z ZEA ZPO [] OPCEN

SAFSS 8978

BT

XXXXX ZEA

FIVE SIX EIGHT GUARD THREE NINE NINE [] ZERO FOUR ONE []

NINE FOUR FIVE OPCEN

GUARD PASS MARGO

OPCEN PASS []

25X1

TOP SECRET 010008Z

PRIORITY WAHOO INFO PRIORITY [] WHIG MARGO [] ADIC []

CITE WORTH 5209.

REINDEER-34/WEDGE

A. 7304

B. 6 JULY 64, 1810Z

C. PROBLEMS IN FLIGHT CONTROL ELECTRONICS IN AGENA

D. NONE

TOP SECRET

CFN: 5209 -34/WEDGE A 7304 B 6 JULY 64 1810Z C D

BT

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7304

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PRIORITY

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INCOMING

TSBA99

SAFSS

0004

TSBA799/010050E/ZEZ ZPO OPEN

BT

XXXX ZE4

FIVE SEVEN SIX CHORD FOUR ZERO FOUR ZERO FOUR FIVE

NINE FIVE TWO OPEN

OPEN PASS NUMBER CHORD PASS MARGO

7304

TOP SECRET 310003Z

PRIORITY WANDU INFO PRIORITY

VMIC MARGO

ADIC

25X1

CITE WORTH 52 D

RE INDEX-3A/WEDGE

A. 7304

B. 6 JUL Y/1010E

C. NO CHANGE

D. NONE

TOP SECRET

CFN 52 D -3A/WEDGE A. 7304 B 6 JUL Y/1010E C. NO CHANGE D. NONE

BT

0004

0004

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COPY 1 3
FIVE
Control System

PRIORITY

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INCOMING

010702/012322Z ZEA ZPO WORTH ☐ OPCEH

BT

XXXXX ZEA

ZERO THREE SIX GUARD THREE SIX EIGHT WORTH ONE TWO FOUR ☐

TWO FOUR SEVEN OPCEH

GUARD PASS MARGO

OPCEH PASS MANOR

1964 JUL 1 23 4

SAFSS 9024

25X1

~~TOP SECRET~~ 012320Z

PRIORITY WAMDO INFO PRIORITY WORTH MARGO ☐

ADIC

WHIG CITE ☐ 2002

RE INDEER-28/WEDGE

- A. 7304
- B. 4301 (P-1D)
- C. 4923
- D. 60 DAYS
- E. GREATER THAN 6 MONTHS
- F. (1) 91.8 MIN
- (2) 93 DEG
- (3) 220 NM
- (4) 108 NM
- (5) .0046
- (6) 296 DEG

~~TOP SECRET~~

CFM 2002 -28

- A. 7304
- B. 4301 (P-1D)
- C. 2
- D. 60 DAYS
- E. GREATER THAN 6 MONTHS
- F. (1) 91.8 MIN
- (2) 93 DEG
- (3) 220 NM
- (4) 108 NM
- (5) .0046
- (6) 296 DEG

BT

NNNN

~~TOP SECRET~~

~~Trans via BYEMAN~~

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9024

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

9034

D10764/012350Z ZEA ZPO WORTH

BT

XXXXX ZEA

ZERO THREE EIGHT GUARD THREE SEVEN ZERO WORTH

25X1

TOP SECRET #123552

PRIORITY WAMOO INFO THIS WORTH CITE 2003

REINDEER-X

REF A. 7304

B. 2041

C. WAMOO 3797

7304

1. BELOW ARE FINAL, MEASURED, TIME DELAY FOR ON LATITUDES
REQUESTED IN REF C. (BASED ON 91.80 MIN PERIOD, COMMANDING
AT HULA AT 22 DEG NORTH AND NOMINAL 24 MINUTE READIN PERIOD.)

REV ASC NGOE EVENT LAT ON LAT OFF TIME DELAY (SEC)
(EAST LONG)

1	330	COMMAND & DUMP	222		
2	1				
3	24				
4	47				
5	70	READIN	170	216	20641
6	93	READIN	160	226	26822
7	116	READIN	170	216	31654
8	139	READIN	170	216	37158
9	162	COMMAND	122		
10	185				

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11	208	READIN			
12	231				
13	254	READIN	100	204	21702
14	277				
15	300	READIN	105	200	32774
16	323		105	204	30270
16	323	COMMAND & DUMP	222		
17	346	ALTERNATE	222		
		COMMAND			

~~TOP SECRET~~
~~READ IN DUMP~~
~~CONTROL DUMP~~

2. FOR READOUT, 650 SEC STATION CONTACT ABOVE 0 DEG ELEVATION IS DESIRABLE; 450 SEC IS ABSOLUTE MINIMUM. FOR COMMANDING ONLY, 325 SEC CONTACT IS REQUIRED.

3. ANTICIPATE VEHICLE HEALTH CHECKS WILL BE COMPLETE BY REV 24 REQUEST REINDEER-11 TO START ON REV 24 MLT 06/1900Z.

TOP SECRET

CPN: 2003 -K 7304 2041 3797 REF C 91.00 MIN MULA 22 DEC 24

REVY ABC MODE EVENT LAT ON LAT OFF TIME DELAY (SEC)
 (EAST LONG)

1	330	COMMAND & DUMP	222		0
2	1				
3	24				
4	47				
5	70	READIN	170	216	20001
6	93	READIN	160	226	20002
7	116	READIN	170	216	31004
8	139	READIN	170	216	37000
9	162	COMMAND	222		0
10	185				
11	208	READIN	105	201	11011
12	231				
13	254	READIN	100	204	01000
14	277				
15	300	READIN	105	200	01000

~~TOP SECRET~~
~~READ IN DUMP~~
~~CONTROL DUMP~~

16 323

Approved for Release: 2024/08/06 C05098548

16 323

COMMAND & 222

17 346

ALTERNATE 222

COMMAND

660 SEC 1 DEG 450 SEC 325 SEC REV 24 REINDEER-11 REV 24 MLT

06/1900Z

BT

NNNN

9034

~~TOP SECRET~~
~~BYE~~
~~BYE~~

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~~Control System~~

1964 JUL 2 00 06

SAFSS 9027

000763/002349Z ZEA 270 NORTH [redacted] OPEN

IN
KXIX ZEA
ZERO THREE SEVEN [redacted] THREE SIX NINE NORTH ONE TWO FIVE [redacted]
TWO FOUR EIGHT OPEN
CROSS PASS [redacted]
OPEN PASS [redacted]

25X1

TOP SECRET [redacted]
PRIORITY HANDS INFO PRIORITY NORTH MARGO [redacted] ADIC
THIS CITE [redacted]
SERVICE
REF [redacted] CITE 2002
CHANGE F (A) TO READ 180 VICE 100
TOP SECRET
CFN: 2002 F (A) 180 VICE 100
BT

NNNN

~~7408~~
7304

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SS-10		
SS-11		
RF-1		2
RF-2		3
FILE		

9027

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COPY 1 of 3
Page 1 of 3
Control No. [redacted]

PRIORITY

~~Control System~~

1964 JUL 2 18 09

SAFSS

09055

TSDAGDS/02 1809Z ZEA ZPO [] OPEN

BT

ZKXZ ZEA

FIVE EIGHT ZERO SEVEN FOUR ZERO SEVEN [] ZERO FIVE SEVEN []

NINE FIVE SEVEN []

CUMUL PASS []

OPEN PASS []

25X1

TOP SECRET 02 1719Z

PRIORITY WANDU INFO PRIORITY [] WHIG MARGO [] ADIC []

CITE NORTH 5226

REINDEER-JA/WEDGE

A. 7304

B. 6 JUL Y/ 1810Z

C. NO CHANGE

D. NONE

TOP SECRET

CFN: 5226 -JA/WEDGE A 7304 C 6 JULY 1810Z C D

BT

7304

25X1

NNNN

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RF-2		3
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09055

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PRIORITY

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INCOMING

1964 JUL 7 01 53

SAFSS C3178

010816/062354Z ZEA ZPO GUARD OPCEN
BT
XXXXX ZEA
ZERO NINE ZERO GUARD
TWO SIX SEVEN OPCEN
ONE FIVE ONE
GUARD PASS MARGO
OPCEN PASS
OPCEN PASS ADIC

25X1

TOP SECRET 062335Z
IMMEDIATE Wahoo INFO PRIORITY MARGO ADIC WHIG
CITE 2136
REINDEER-26/WEDGE
A. 7304
B. 06/250Z (HILA REV 2)
C. 91.3 MIN (EST)
D. 64-368, OBJ NBR 826
E. VEHICLE HEALTH APPEARS NOMINAL
DO NOT EXPECT REINDEER-68 BEFORE REV 6.
TOP SECRET
CFM: REINDEER-26/WEDGE
A. 7304
B. 06/250Z (HILA REV 2)
C. 91.3 MIN (EST)
D. 64-368, OBJ NBR 826
E. VEHICLE HEALTH APPEARS NOMINAL
DO NOT EXPECT REINDEER-68 BEFORE REV 6
BT

7304

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SS-10		
SS-11		
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RF-2		3
FILE		3

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C3178

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Page 1 of 3 Pages
Control No.

PRIORITY

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INCOMING

1964 JUL 7 00 03

SAFSS 05181

D10813 062330Z ZEA ZPO OPCEN
BT
XXXXX ZEA
ZERO EIGHT SEVEN GUARD TWO SIX SIX OPCEN ONE FIVE ZERO
OPCEN PASS MANOR ADIC
GUARD PASS MARGO

TOP SECRET 062325Z
IMMEDIATE WAMOO MARGO ADIC INFO PRIORITY WHIG MANOR
CITE 2 133

REINDEER-35/WEDGE
A. 7304
B. 06/2 108Z (APPRX)
C. INJECTION APPEARS GOOD.

TOP SECRET
CFN-2 133
REINDEER-35/WEDGE
A. 7304
B. 06/2 108Z (APPRX)
C. INJECTION APPEARS GOOD.

BT

DISTRIBUTION		
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SS-3		
SS-4		
SS-5		
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SS-9		
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SS-11		
RF-1		
RF-2		
FILE		

25X1

7304

NNNN

05181

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PRIORITY

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INCOMING

1964 JUL 9 02 22

SAFSS

09334

10P/090156 ZEA ZPO WORTH

BT

XXXXX ZEA

ONE SIX ONE GUARD THREE NINE NINE WORTH ONE SIX ONE

WAHOO PASS MARGO

25X1

~~TOP SECRET~~ 090140Z

PRIORITY WHIG INFO WAHOO WORTH MARGO CITE 2209

REINDEER-70/WEDGE

A. 7304

B. 34

C. N/A

D. INDEF

E. PAYLOAD AND VEHICLE HEALTH GOOD. FIRST READOUT OF
RECORDED DATA ON REV 34 KODI. DATA NOT YET EXAMINED.

~~TOP SECRET~~

CFN 2209 REINDEER-70/WEDGE 7304 34 N/A INDEF REV 34 DATA
NOT YET EXAMINED

BT

7304

NNNN

DISTRIBUTION		
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SS-3		
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09334

INCOMING

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~~Handle via BYEMAN~~

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1964 JUL 9 02 49

DIDB91/090157Z ZEA ZPO []

BT

XXXXX ZEA
ONE SIX TWO GUARD
ONE SIX TWO []
WAHOO PASS MARGO

SAFSS 09336

B-368

T O P S E C R E T 090145Z

PRIORITY WAHOO INFO WHIG [] MARGO CITE [] 2210

REGATTA-71/WEDGE

A. 7304

B. 32

C. 27

29

31

32

COMMANDING ON REV 33 DELETED DUE TO CONFLICT WITH PROGRAM 206 VEHICLE.

T O P S E C R E T

CFN: 2210

REGATTA-71/WEDGE

A. 7304

B. 32

C. 27

29

31

32

COMMANDING ON REV 33 DELETED DUE TO CONFLICT WITH PROGRAM 206 VEHICLE.

BT

25X1

7304

DISTRIBUTION	
1	
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INCOMING

~~TOP SECRET~~

~~Handle via BYEMAN~~

~~Control System~~

9 18 17

SAFSS

09358

O ID 095 / 09 180 12 ZEA

BT

XXXXX ZEA

ONE SIX SIX GUARD

25X1

~~TOP SECRET~~ 09 175 02

PRIORITY WANDU INFO WHIG CITE [] 22 14

REINDEER-X

A. 7304

B. CDR SPERBERG SENDS.

RECOMMEND CHANGE OF COMMAND AND READOUT REV ON 11 JULY FROM 72 TO 73 TO PROVIDE BETTER COVERAGE AND UTILIZE LONGER DUMP TIME. FURTHER RECOMMEND ADDITION TO REINDEER-11 MESSAGES OF ALTERNATE REVS TO BE USED BY HULA IN EVENT OF STATION PROBLEMS. ALTERNATE REVS SHOULD INCLUDE THOSE REVS WITH ACQUISITION TIME DOWN TO 360 SECONDS OVER 0 DEG ELEVATION. THIS MAY POSSIBLY RESULT IN SMALL LOSS OF DATA BUT WILL RELIABILITY THAT NO 12 HOUR COLLECTION PERIOD WILL BE MISSED.

~~TOP SECRET~~

CFN 22 14 72 TO 73 REINDEER-11 REVS REVS 360 SECONDS OVER 0 DEG ELEVATION 12 HOUR COLLECTION

BT

7304

NNNN

09358

~~TOP SECRET~~

~~Handle via BYEMAN~~

~~Control System~~

Copy 1 of 3
Page 1 of 3
Control System

REINDEER-11		
REV	TIME	STATUS
72-1		
72-2		
72-3		
72-4		
72-5		
72-6		
72-7		
72-8		
72-9		
72-10		
72-11		

INCOMING

~~TOP SECRET~~

~~Trans via BYEMAN~~

~~Control System~~

1964 JUL 9 21 04

SAFSS 09373

09204Z ZEA

XXX ZEA
FOUR ZERO FIVE

TOP SECRET 09204Z
PRIORITY INFO WHIG CITE WAMBO 3959
REINDEER-X
PASS TO CDR SPERBERG
A. 7304
B. 2214

COMMAND AND READOUT ORBIT 73 VICE 72. WILL INCLUDE
ALTERNATE COMMANDS IN FUTURE REINDEER-11 MESSAGES
UNLESS YOU STATE OTHERWISE. DATA AVAILABLE HERE INDICATE
ALTERNATES FOR BOTH ASCENDING AND DESCENDING ORBITS NOT
POSSIBLE DUE TO INSUFFICIENT TIME OVER STATION. IN MOST
CASES ALTERNATES CAN BE GIVEN FOR ONLY ASCENDING OR
DESCENDING PASSES. SINCE THIS IS THE SITUATION, CAN FORSEE
WRONG ALTERNATE INADVERTENTLY USED, WHICH WILL RESULT
IN MAKING REMAINDER OF REINDEER-11 OBSOLETE.

TOP SECRET
CFN: 3959 REINDEER-X CDR SPERBERG 7304 2214 73 VICE 72
REINDEER-11 NOT POSSIBLE REINDEER-11 OBSOLETE
BT

NNNN

7304

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

~~TOP SECRET~~

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~~Control System~~

09373

Copy 1 of 3
Page 1 of 1
Control No. 09373

25X1

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~~Handle in~~
~~Control System~~

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1964 JUL 10 01 00

SAFSS

3387

DID 698/100030Z ZEA
BT
XXXXX ZEA
GUARD ONE SIX NINE

TOP SECRET 100010Z
PRIORITY WAHOO INFO WHIG CITE 22 17
REINDEER-X
REF A. 7304
B. WAHOO 3959

25X1

ALTERNATIVE REVS WHEN LISTED IN REINDEER-11 WILL BE
UNDERSTOOD TO APPLY TO APPROPRIATE ADJACENT ASCENDING PASS,
I.E., REV 72 WOULD BE USED AS ALTERNATE FOR REV 73 BUT
NOT REV 80.
TOP SECRET
CFN: 22 17 7304 3959 REVS -11 I.E. REV 72 43; 73 REV 80
BT

7304

NNNN

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

~~TOP SECRET~~
~~Handle in~~
~~Control System~~

13

3387

~~TOP SECRET~~
~~Handle via COMBAT~~
~~Control System~~

1964 JUL 10 02 38

SAFSS 03394

DID901/100156 ZEA ZPO WORTH []
BT
XXXXX ZEA
GUARD ONE SEVEN TWO [] ONE SIX FIVE
WORTH FOUR ZERO TWO
GUARD PASS MARGO

25X1

TOP SECRET 100040Z
PRIORITY WHIG INFO WAHOO WORTH [] MARGO CITE [] 2220
REINDEER-70/WEDGE

- A. 7304
- B. 49
- C. N/A
- D. INDEF

7304

E. NORMAL. VEHICLE HEALTH GOOD. READOUTS HAVE BEEN OF PROPER
DURATION INDICATING PROPER TAPE RECORDER OPERATION. NO TAPES
YET RECD FOR EVALUATION.

TOP SECRET
CFN: 2220 -70 7304 49 N/A INDEF NO TAPES YET RECD
BT

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		
RE-1		2
RE-2		2
FILE		

NNNN

12 3

03394

IMMEDIATE**INCOMING**~~SECRET~~~~Handle via DYEAN~~~~Control System~~

1961 JUL 10 22 41

SAFSS

9433

ZCZ CNA2 63
 O 101950Z
 FM DIRNSA
 TO SAFSS

SECRET/101940Z
 IMMEDIATE WHIG WAHOO/CITE MARGO 3046-4
 EARPOP/REINDEER X

25X1

A. ☐ INTERCEPT
 B. SIGNAL IDENTIFIED AS ☐ WAS INTERCEPTED BTWN 152-158 MC FROM
 091257 TO 091314Z BY NRL FACILITIES ☐ SUGGEST
 7364 BE TASKED ACCORDINGLY.
 SECRET/101940Z
 JT

25X1
 25X1

NNNN

9433

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

~~SECRET~~~~Handle via DYEAN~~~~Control System~~

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~~Control System~~

1964 JUL 11 00 38

PP 110031Z JULY
FM SAFSS
TO DIRNSA

SAFSS

09441

TOP SECRET 110031Z
PRIORITY MARGO INFO WHIG CITE WAMOO 3983
REINDEER X
REF A. 33564
REF B. WAMOO 3966

REF B BEEN CHANGED TO GIVE MAXIMUM ☐ COVERAGE THROUGH
15 JULY 64. ADVISE IF ADDITIONAL COVERAGE IS NECESSARY.

TOP SECRET

CFN: 3983 X 30464 WAMOO 3966 B ☐ 15 JULY 64. ADVISE IF
ADDITIONAL COVERAGE IS NECESSARY.
BT

25X1

25X1

NNNN

7304

SAFSS 4	ACTION	INIT
DIRECTOR		
DEPUTY		
CORONA		
GAMBIT		
EARPOP		
WEATHER		
INTELL		
COMM		
ADMIN		

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SS-13	
SS-14	
SS-15	

INCOMINT

PRIORITY

~~TOP SECRET~~
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~~Control System~~

SAFSS

DID908/110158Z ZEA ZPO

03448

BT
 XXXX ZEA
 ONE SEVEN SEVEN GUARD FOUR ZERO SEVEN WORTH
 ONE SIX EIGHT
 GUARD PASS MARGO

25X1

TOP SECRET 110140Z
 PRIORITY WHIG INFO WORTH WAHOO MARGO CITE 2228
 REINDEER - 70/WEDGE

- A. 7B04
- B. 64
- C. N/A
- D. INDEF

E. NORMAL. EXAMINATION OF READOUT REV 49 SHOWS VERY GOOD QUALITY DATA (FROM 169-177 MC. RCVR).

TOP SECRET

CFN: 2228 REINDEER-70/WEDGE A. 7B04 B. 64 C. N/A D. INDEF
 E. NORMAL. EXAMINATION OF READOUT REV 49 SHOWS VERY GOOD QUALITY DATA (FROM 169-177 MC. RCVR)
 BT

03448

7304

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

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1964 JUL 11 -- 12

INCOMING

SXFSS

DID913/111305Z ZEA
BT
XXXXX ZEA
ONE EIGHT TWO GUARD

25X1

TOP SECRET 111300Z
IMMEDIATE WAHOO INFO WHIG CITE [REDACTED] 2233
REINDEER-X
REF A. 7304

1. A RECENT INSPECTION OF POWER TRANSMISSION LINES AT HULA SHOWED THAT SALT CORROSION WAS MORE ADVANCED THAN SUSPECTED AND THAT PROMPT ACTION MUST BE TAKEN TO PREVENT COMPLETE STATION FAILURE. REPAIR WILL REQUIRE THREE 6-HOUR PERIODS OF DOWN TIME ON THREE SUCCESSIVE DAYS WHICH HAVE BEEN SELECTED FOR MINIMUM INTERFERENCE WITH ALL VEHICLES NOW IN ORBIT. REVS 96 AND 112 OF 7304 WILL BE DELETED. (REV 111 CAN BE USED BUT DURATION IS ONLY 384 SEC).

2. UNLESS YOU HAVE URGENT OPERATIONAL REQUIREMENTS, WE WILL DELETE THESE CONTACTS (AND USE REV III, IF DESIRED).

TOP SECRET

CFN 2233 REINDEER-X 7304 HULA 6-HOUR REVS 96 112 7304 REV 111
384 SEC REV 111

BT

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~~Control System~~

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Date _____
Control No. _____

DISPOSITION		
SAMPLE	A	Y
SS-1		
SS-2		
SS-3		
SS-4		
SS-5		
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SS-7		
SS-8		
SS-9		
SS-10		
SS-11		
SP-1		2
SP-2		2
FILE		2

P
INCOMING

TOP SECRET

~~Handle via BYEMAN~~

~~Control System~~

1964 JUL 11 10 56

SAFSS

09467

/111355Z ZEA

BT

XXXXX ZEA

FOUR ONE FIVE

25X1

TOP SECRET 111352Z

IMMEDIATE

INFO PRIORITY WHIG CITE VANOO 3996

REINDEX-X

REF A. 7304

REF B. 2233

CONCERN WITH DELETIONS AS STATED IN REF B.

TOP SECRET

CPW: 3996 7304 2233 REF B

BT

4304

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09467

TOP SECRET

~~Handle via BYEMAN~~

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PRIORITY

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~~Control System~~

INCOMING

1964 JUL 14 00 56

SAFSS

9541

BT
XXXXX ZEA
ONE EIGHT NINE GUARD
ONE SEVEN THREE
FOUR ONE TWO WORTH
GUARD PASS MARGO

TOP SECRET 140005Z
PRIORITY WHIG INFO ROUTINE WAHOO WORTH MARGO CITE 2243
REINDEER-70/WEDGE
A. 7304
B. 112
C. N/A
D. INDEF
E. NORMAL. REV 64 LAST R/O EXAMINED. DATA FROM ALL THREE PAYLOAD
MODES HAS SHOWN GOOD OPERATION.
TOP SECRET
CFN: REINDEER-70/WEDGE
A. 7304
B. 112
C. N/A
D. INDEF
E. NORMAL. REV 64 LAST R/O EXAMINED. DATA FROM ALL THREE PAYLOAD
MODES HAS SHOWN GOOD OPERATION.
BT

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1964 JUL 14 21 14

YHM

SAFSS 19586

Z CZ CKAA278
P 14 191Z
FM D IRNSA
TO SAFSS

SECRET/
PRIORITY WAHOO/ INFO PRIORITY WHIG/CITE MARGO 3054-4
REINDEER X
REF WAHOO 3983.
SUGGEST COVERAGE BE EXTENDED AT LEAST THRU 31 JULY.
SECRET/
BT

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SAFSS 1 9599

D 10925 150030Z ZEA ZPO WORTH
BT
XXXXX ZEA
ONE NINE ONE GUARD
FOUR ONE FOUR WORTH
ONE SEVEN FOUR
GUARD PASS MARGO

TOP SECRET 150020Z
PRIORITY WHIG INFO WORTH WAHOG MARGO CITE 2245

- A. 7304
- B. 127
- C. N/A
- D. INDEF
- E. NORMAL

TOP SECRET
CFN-2245
REINDEER-70/WEDGE

- A. 7304
- B. 127
- C. N/A
- D. INDEF
- E. NORMAL

BT

DISTRIBUTION		
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RF-2		3
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INCOMING

1964 JUL 15 19 49

SAFSS C9634

D10931/15184Z ZEA ZPO WORTH
BT
XXXXX ZEA
GUARD ONE NINE SEVEN WORTH FOUR ONE EIGHT

TOP SECRET 15184Z
PRIORITY WAHOO INFO WHIG WORTH CITE 2251
REINDEER-X

A. 7304
B. REQUIRE 36 HOUR DOWN PERIOD FOR BATTERY RE-CHARGE
BEST PERIOD CONSIDERING STATION UTILIZATION (FOR OTHER
STATIONS REQUIRED FOR EXERCISE) IS REV 206 HULA TO REV
230 HULA. (DUMP ON REV 206 HULA - NO NEW READIN COMMAND
UNTIL REV 230 HULA)

C. PLEASE ADVISE IF THIS PERIOD IS SATISFACTORY.
TOP SECRET
CFN: 2251 7304 36 HOUR DOWN PERIOD RE-CHARGE (FOR OTHER
STATIONS REQUIRED FOR EXERCISE) REV 206 HULA TO REV 230
HULA (DUMP ON REV 206 HULA - NO NEW READIN COMMAND REV 230 HULA
BT

DISTRIBUTION		
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RF-2		
FILE		

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