

~~SECRET~~

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1964 SEP 17 12 23

INCOMING

12079

SAFSS

TSSA205/171023Z ZEA ZPO [redacted]
BT
XXXX ZEA
SEVEN EIGHT FIVE GUARD FIVE TWO SEVEN [redacted]

~~SECRET~~ 171018Z

WHIG INFO [redacted] WAMOO CITE WORTH 5794.

REINDEER -5

A. 7303

B. MODE B SCANNING RECEIVER REMOVED. SUFFICIENT ENVIRONMENT DATA OBTAINED ON TWO PRIOR WSNs.

C. MODE 66MC FIXED TUNED RECEIVER. REMOVAL OF MODE B SCANNING RECEIVER PERMITS INSTALLATION.

D. NONE

E. NONE

F. VEHICLE NOW SCHEDULED FOR LAUNCH ON 1 OCT 64.

~~SECRET~~

CFN: 5794 -5 A 7303 B MODE B TWO PRIOR WSNs C MODE 66MC MODE B
B NONE E NONE F 1 OCT 64

BT

7303

NNNN

DISTRIBUTION		
SAFSS	A	I
SS-1		
SS-2		
SS-3		
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SS-6	1	
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SS-1		
RF-1		
RF-2		
FILE		

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INGOMING

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1964 SEP 18 10 02

SAFSS

12144

/181840Z ZEA
BT
XXXXX ZEA
SIX SEVEN ONE [] ZERO ZERO NINE WORTH
[] PASS MADAM

7303

~~TOP SECRET~~ 181836Z
IMMEDIATE [] INFO WHIG WORTH MADAM CITE WAHOO 4984
RE INDEER-X
A. 7303
B. DESIRED COMMAND AND RECEIVER TURN ON LATITUDES

ARE AS FOLLOWS:

COMMAND	COMMAND LAT	APPROXIMATE DELAY IN SECONDS	RECEIVER ON LAT.
D	40NA	520	75 NA
E	40ND	3410	10NA (NEXT REV)
A	20ND	9240	60NA 2ND REV LATER)

SHOULD ABOVE DELAYS RESULT IN POSSIBLE CONFLICTS WITH
COMMAND AND CONTROL OPERATIONS AT TRACKING STATIONS, RECEIVER
ON LATITUDE FOR COMMAND D CAN BE CHANGED TO 80 NA AND THAT
FOR COMMAND E TO 05 NA.

DISTRIBUTION		
SAFSS	A	I
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RF-99		
RF-100		
FILE		

~~TOP SECRET~~
CFN: 4984
RE INDEER-X
A. 7303
B. DESIRED COMMAND AND RECEIVER TURN ON LATITUDES
ARE AS FOLLOWS:

COMMAND	COMMAND LAT	APPROXIMATE DELAY IN SECONDS	RECEIVER ON LAT.
D	40NA	520	75 NA
E	40ND	3410	10NA (NEXT REV)
A	20ND	9240	60NA 2ND REV LATER)

SHOULD ABOVE DELAYS RESULT IN POSSIBLE CONFLICTS WITH
COMMAND AND CONTROL OPERATIONS AT TRACKING STATIONS, RECEIVER
ON LATITUDE FOR COMMAND D CAN BE CHANGED TO 80 NA AND THAT
FOR COMMAND E TO 05 NA.

BT

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NNNN

25X1

Control System



1964 SEP 22 15 47

5042

SAFSS

/22 1545Z ZEA ZPO

BT

XXXX ZEA

SIX EIGHT ONE ZERO TWO FIVE WORTH SIX EIGHT THREE

THREE FOUR NINE OPCEN

OPCEN PASS MANOR

~~TOP SECRET~~ 22 1540Z

PRIORITY WORTH WAHOO MARGO WECEN ADIC MANOR CITE WHIG 1755

RE INDEER-32/WEDGE

A. 7303

B. 28 SEPT 1964

C. 3 OCT 1964

~~TOP SECRET~~

CFN: 1755 7303 28 SEPT 1964 3 OCT 1964

BT

7303

NNNN 5042

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

~~TOP SECRET~~
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1 3

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1964 SEP 22 17 54

12327

SAFSS

D ID39 1/22 1733Z ZEA ZPO WORTH
BT
XXXXX ZEA
SIX ZERO EIGHT GUARD
SIX ONE SIX WORTH

~~TOP SECRET 221725Z~~

PRIORITY WAHDO INFO ROUTINE WHIG WORTH CITE 2712

REINDEER-X
REF A. 7303

B. WAHDO 4984

1. CALIBRATED VALUES OF TIME DELAYS ARE AS FOLLOWS:

CMD	CMD LAT.	DELAY	RCVR ON LAT.
D	40NA	550 SEC	78 NA
E	40ND	3376	03 NA (NEXT REV)
A	20ND	9480	60 NA (2ND REV)

(RCVR ON LATS. ADJUSTED BECAUSE OF STATION CONFLICTS)
(BASED UPON NOMINAL P-11 PERIOD OF 91.23 MIN.)

NOTE CMD A CAN BE USED ON BOSS SOUTHBOUND PASSES WITH
ASCENDING MODES FROM 115E TO 130E. USING CMD LAT OF
55ND, RCVR COMES ON AT 25NA, LONGITUDES FROM ABOUT
069E TO 084E.

2. R/I TIME IS 26 MIN FOR BOTH MODES A&B.
R/O TIME IS 400 SEC.

MINIMUM STATION CONTACT TIME (0 DEG. ELEV) FOR READOUT
IS 450 SEC.

3. FOR REINDEER-11 PURPOSES, COMMAND DESIGNATIONS (A THRU K)
ARE THE SAME AS MSN 7301 FOR MODE CHANGING, ETC.

~~TOP SECRET~~

CFN: WILL RERUN UPON REQUEST
BT

7303

DISTRIBUTION		
SAFSS	A	I
SS-1		
RF-1		2
RF-2		3
FILE		

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12:0

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PRIORITY

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164 OCT 5 22 07

SAFSS 13007

TSBAH45/052200Z ZEA ZPO [redacted] OPGEN
BT
XXXXX ZEA
EIGHT SIX TWO GUARD FIVE SEVEN SEVEN [redacted] ZERO EIGHT ONE [redacted]
TWO FIVE ONE OPGEN
GUARD PASS MARGO
OPGEN PASS MARGO

~~TOP SECRET~~ #52155Z
PRIORITY WAHOO INFO PRIORITY [redacted] WHIG MARGO [redacted] ADIC MARGO
CITE WORTH 5987.
REINDEER -34/WEDGE
A. 7303
B. 8 OCT/1915Z
C. NO CHANGE
D. NONE

~~TOP SECRET~~
CFN: 5987 -34/WEDGE A 7303 B 8 OCT/1915Z C NO CHANGE D NONE
BT

7303

INNNN

13007

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DISTRIBUTION		
SAFSS	A	I
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SS-8		
SS-9		
SS-10		
SS-11		
EP-1		
EP-2		
FILE		

54755

BT
XXXX ZEA
EIGHT ZERO FIVE [redacted] SEV. N DIA [redacted]

~~TOP SECRET~~ 06L 45Z
PRIORITY WAHOO INFO WHICH NORTH CITE [redacted] 2920
REINDEER-X
REF MSN 7303

PRESENT ESTIMATE OF MAXIMUM DAILY COMMANDING
FROM POWER STANDPOINT IS AS FOLLOWS
(A) FOUR MODE A OR H;
OR
(B) TWO MODE A OR H AND FOUR MODE B OR J-K;
OR
(C) EIGHT MODE B/J-K CMDS.

~~TOP SECRET~~
CFN: 7303 MAXIMUM DAILY MODE A OR H TWO MODE A OR H
AND FOUR MODE B OR J-K EIGHT MODE B/J-K CMDS
BT

7303

SS-1		
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		

13019

NNNN

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TELETYPE UNIT
 BT
 UNRECORDED
 EIGHT SIX FIVE [REDACTED] FIVE EIGHT ONE [REDACTED] ZERO FOUR FIVE [REDACTED]
 TWO FIVE NINE OPEN
 GROUND PASS WARDEN
 OPEN PASS WARDEN

~~TOP SECRET~~ 062 104Z
 PRIORITY WARDEN INFO PRIORITY [REDACTED] WARDEN [REDACTED] WARDEN [REDACTED]
 CITE WORTH-5995
 RE INDEER-34

- A. 7303
- B. 8 OCT-1915Z
- C. NO CHANGE
- D. NONE

~~TOP SECRET~~
 CFN: 5995 -34 A. 7303 B. 8 OCT-1915Z C. NO CHANGE D. NONE
 BT

SS-1	
SS-2	
SS-3	
SS-4	
SS-5	
SS-6	
SS-7	
SS-8	
SS-9	
SS-10	
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SS-20	

NNNN

13070

~~TOP SECRET~~
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REL OCT 7 1954
SAFSS

13114

TSBA461 /071615Z ZEA 7PO [redacted] OPCEM
ST
EIGHT SEVEN ONE GUARD FIVE EIGHT SIX [redacted] ZERO EIGHT SEVEN [redacted]
TWO SIX FOUR OPCEM
GUARD PASS MARGO
OPCEM PASS MARGO

~~TOP SECRET~~ 071639Z
PRIORITY MARGO INFO PRIORITY [redacted] MARGO [redacted] MARGO
CITE WORTH-6006
RE INDEER-34/WEDGE
A. 7303
B. 8 OCT-1915Z
C. NO CHANGE
D. PRE-LAUNCH CHECK-OUT PROCEEDING NORMALLY

~~TOP SECRET~~
CFN: 6006 -34 A. 7303 B. 8 OCT-1915Z C. NO CHANGE D.
BT

7303

DISTRIBUTION	
SAFSS A I	
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	3

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1964 OCT 3 10 32

SAFSS

13189

0 10 07/00 1025Z ZEA ZPO OPEN
BT
XXXX ZEA
EIGHT FOUR THREE GUARD FOUR EIGHT FIVE OPEN
GUARD PASS MURGO
OPEN PASS MAJOR

7303

~~TOP SECRET~~ 01910Z
IMMEDIATE BAND MURGO ADIC INFO PRIORITY MURGO MAJOR
CITE 2967
RE INDEER-35
A. 7303
B. 00/100019Z (000000)
C. DOUBTER LAUNCH AND ASSETS APPEAR NORMAL

~~TOP SECRET~~
CFM 2967 -35 7303 00/100019Z
BT

NOT A (MURGO) (BETA)
(LACON)

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

MARK

~~TOP SECRET~~
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IMMEDIATE

~~TOP SECRET~~
Handle via BYEMAN
Control System

56
SAFSS 13194

~~TOP SECRET~~ 002 030Z
BT
XXXXX IEA
EIGHT FOUR FIVE GUARD

~~TOP SECRET~~ 002 030Z
IMMEDIATE WAMOO INFO IMMEDIATE WHIG CITE 2969
REINDEER-9

- A. 7303
- B. ACCORDING TO TLM AND TRACKING DATA AGENA ENGINE
IGNITED BUT ONLY MOMENTARILY NEGATIVE ACQUISITION AT
REV 1 POGO, SO ASSUME ORBIT WAS NOT OBTAINED.
(P-11 WAS STILL ATTACHED TO AGENA)
- C. NOT YET KNOWN
- D. NOT YET KNOWN
- E. UNK, BUT HIGH PROBABILITY THAT IMPACT IS IN PACIFIC
OCEAN, DOWNRANGE OF VAFB

7303

~~TOP SECRET~~
CFNs 2969 - IN 7303 TLM BUT ONLY NEGATIVE ACQUISITION
REV 1 POGO WAS NOT P-11 WAS STILL NOT YET NOT YET
UNK BUT HIGH PACIFIC OCEAN VAFB
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		

~~TOP SECRET~~
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Control System

13194

PRIORITY

~~TOP SECRET~~
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Control System

08 09 12
SAFSS 13200
F-061

~~RRR WILL DO DID NOT KNOW U HAD GOT THAT SET UP TEL~~

DID651/082150Z ZEA ZPO WORTH
BT
XXXXX ZEA
SEVEN EIGHT FIVE WORTH EIGHT FOUR SEVEN GUARD

~~TOP SECRET~~ 082145Z
IMMEDIATE WORTH INFO PRIORITY WHIG CITE [] 2972
REINDEER-14
A. 7303
B. AS BEFORE
C. 16.1 N 122.9 W ESTIMATE
D. 08/1916Z ESTIMATE
E. UNK, BUT OCEAN DEPT IS GREATER THAN 10,000 FT.

7303

~~TOP SECRET~~
CFN: 2972 -14 7303 16.1 N 122.9 W 08/1916Z UNK OCEAN 10,000 FT
BT

N
N
N

~~TOP SECRET~~
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13200

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DISTRIBUTION	
CLASS	EXT
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