

PRIVACY ACT MATERIAL REMOVED

~~CONFIDENTIAL~~
SECURITY INFORMATION
INTERROGATION FORM (U)

411773

R

Date: 4 June

Aircraft No.: 1042

Flight TW-1

Names _____

This material contains information affecting the national defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C., Sections 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

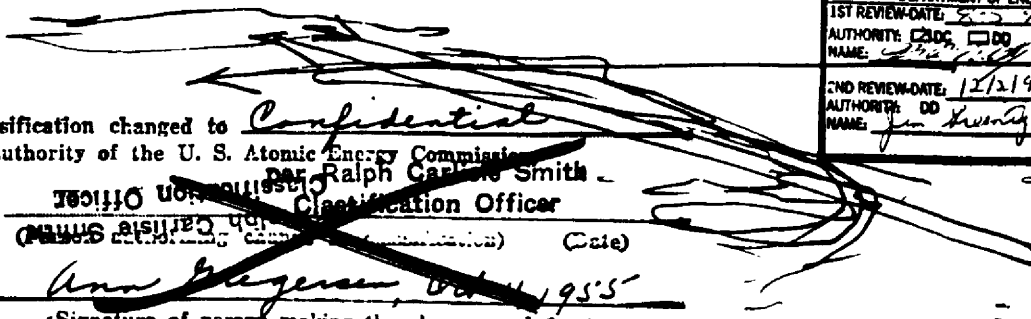
1. INSTRUMENT FUNCTION:

- a. Integron OK
- b. Jasper OK
- c. Ion Chamber FLICKERED
- d. Snap Sampler OK
- e. Tip Tank Valves OK

2. NARRATIVE ON HOW SAMPLING MISSION PERFORMED:

MADE ONE PASS THROUGH CLOUD - REMAINED IN CLOUD
ON SECOND PASS UNTIL 1.5 INTEGRON REACHED

3. SKETCH OF SAMPLING PENETRATION RELATIVE TO STRUCTURE OF CLOUD:



DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1ST REVIEW DATE: 8/2/77	DETERMINATION (CIRCLE NUMBER)
AUTHORITY: <input checked="" type="checkbox"/> DOE, <input type="checkbox"/> DD	1. CLASSIFICATION RETAINED
NAME: <u>John Henry</u>	2. CLASSIFICATION CHANGED TO:
END REVIEW DATE: 12/2/99	3. CONTAINS NO DOE CLASSIFIED INFO
AUTHORITY: DD	4. COORDINATE WITH: <u>Asst Dir</u>
NAME: <u>John Henry</u>	5. CLASSIFICATION CANCELED
	6. CLASSIFIED INFO BRACKETED
	7. OTHER (SPECIFY): <u>10 pages</u>

Classification changed to Confidential
by authority of the U. S. Atomic Energy Commission
Per John Henry John Henry Classification Officer
By Ann Ferguson Oct 4, 1955
(Signature of person making the change, and date)

4. SUGGESTIONS:

~~RESTRICTED DATA~~
~~ATOMIC ENERGY ACT - 1946~~

~~CONFIDENTIAL~~

~~SECURITY INFORMATION~~

PG 1696 KAFB

PRIVACY ACT MATERIAL REMOVED

~~CONFIDENTIAL~~

SECURITY INFORMATION
INTERROGATION FORM

Date: _____

AEC

Aircraft No.: _____

Flight TW 2

Names _____

~~This material contains information affecting the national defense of the United States within the meaning of the espionage laws Title 18, U.S.C. Sec. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.~~

1. INSTRUMENT FUNCTION:
 - a. Integron OK
 - b. Jasper OK
 - c. Ion Chamber OK
 - d. Snap Sampler NO LIGHT
 - e. Tip Tank Valves OK

2. NARRATIVE ON HOW SAMPLING MISSION PERFORMED:

PEN AT 40,000 MAIN PORTION

3. SKETCH OF SAMPLING PENETRATION RELATIVE TO STRUCTURE OF CLOUD:

FB66 No 2 AN TOP VIEW X FIRST FB66 41,00

Classification changed to ~~CONFIDENTIAL~~
by authority of the U. S. Atomic Energy Commission,
per Ralph Carlisle Smith
Per _____ Classification of _____ (Date)
(Person authorizing change in classification)

4. SUGGESTIONS: By [Signature] 2/11/55
Signature of person making the change, and date)

~~RESTRICTED DATA~~
ATOMIC ENERGY ACT - 1946

OK ~~CONFIDENTIAL~~

TC: T696 KAEB

~~SECRET~~

SECURITY INFORMATION

~~CONFIDENTIAL~~

INFORMATION FORM

Date: 4 June 53

AEC

Aircraft No. 028

Flight Tiger Red 1

Names _____

~~CONFIDENTIAL~~

Classification changed ~~Confidential~~
 by authority of the U. S. Atomic Energy Commission,
 per Ralph Carlisle Smith
 Classification Officer
 (Person authorized to change in classification) (D)
 By Ann Ferguson Oct 11, 1955
 (Signature of person making the change, and date)

1. INSTRUMENT FUNCTION:

- A. Integren Okay
- B. Jasper Okay
- C. Ion Chamber Okay
- D. Snap Sampler Not used
- E. Tip Tank Valves Okay

This material contains information affecting the national defense within the meaning of the Espionage Laws, Title 18, U.S.C., Sec. 793 and 794, and the transmission or revelation of its contents in any manner to an unauthorized person is prohibited by law.

2. NARRATIVE ON HOW SAMPLING MISSION PERFORMED:

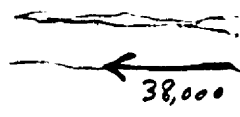
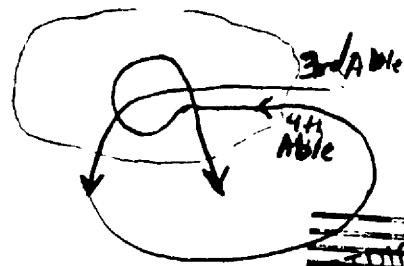
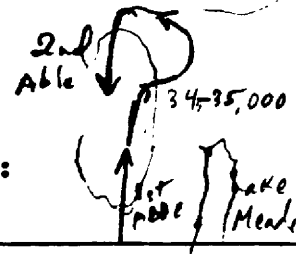
Made first two passes on a northerly then southerly heading through a thin finger layer of Rosie extending south out of main cloud. Made third pass through bottom of upper layer of main Rosie and circled in this portion of the cloud for the fourth pass

3. SKETCH OF SAMPLING PENETRATION RELATIVE TO STRUCTURE OF CLOUD:

Plan View

Plan View

Side View



4. SUGGESTIONS:

~~RESTRICTED DATA~~
~~ATOMIC ENERGY ACT 1954~~

TGA #696 KAFB

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~
~~SECURITY INFORMATION~~
INTERROGATION FORM
AEC

Date: 4 June 53
Aircraft No.: 037

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Flight _____
Names _____

- INSTRUMENT FUNCTION:
 - Integron OK
 - Jasper 0 settings (100) dropped to 50 by 1400
 - Ion Chamber 9 read 17 & then 1.7 9
 - Snap Sampler OK
 - Tip Tank Valves SWITCH BLINKED IN OPEN POSITION

2. NARRATIVE ON HOW SAMPLING MISSION PERFORMED:

3. SKETCH OF SAMPLING PENETRATION RELATIVE TO STRUCTURE OF CLOUD:

Man had 395

Classification changed to Confidential
by authority of the U.S. Atomic Energy Commission,
per Ralph Carlton Smith
(Person authorizing change of classification) (Date)
By [Signature] Oct 14 1953
(Signature of person making the change, and date)

4. SUGGESTIONS:

~~SECURITY INFORMATION~~

~~RECORDED - DATE~~
~~ATOMIC ENERGY COMMISSION~~

PRIVACY ACT MATERIAL REMOVED

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SECURITY INFORMATION
INTERROGATION FORM

Form with fields for Date: 23 June 53
Aircraft No: 1032

Flight TR-2

Names _____

Classification changed to Confidential
by authority of the U.S. Atomic Energy Commission,
Per Ralph Canisius Smith
Classification Officer
(Person authorizing change in classification)
By Ann Ferguson Dec 11 1955
(Signature of person making the change, and d.)

1. INSTRUMENT FUNCTION:

- A. Integren OK
- B. Jasper OK
- C. Ion Chamber OK
- D. Snap Sampler NOT USED
- E. Tip Tank Valves OK

2. NARRATIVE ON HOW SAMPLING MISSION PERFORMED:

SAMPLED AT 39,500' IN LOWER
PART of UPPER ROSIE. MADE 360°
TURNS INSIDE of ROSIE

3. SKETCH OF SAMPLING PENETRATION RELATIVE TO STRUCTURE OF CLOUD:

JUST SPREAD ALL OVER SKY,
T 43 BOTTOM PART 37'

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4. SUGGESTIONS:

TGA 1696 KAFB

~~SECRET~~
SECURITY INFORMATION
~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

SECURITY INFORMATION

INTERROGATION FORM

PRIVACY ACT MATERIAL REMOVED

Date: 4 JUNE 53

AEC

Aircraft No. 1046

Flight TB-4

Names _____

Classification changed to Confidential
by authority of the U.S. Atomic Energy Commission,
per Ralph Carlisle Smith
Per _____ Classification Officer
(Person authorizing change in classification) (D)
By Anna G. Jensen Oct 19 1955
(Signature of person making the change and date)

1. INSTRUMENT FUNCTION:

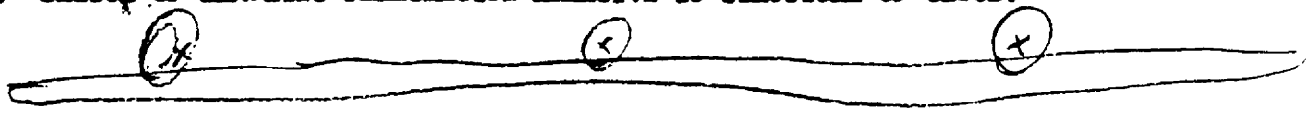
- A. Integron OK
- B. Jasper OK
- C. Ion Chamber OK
- D. Snap Sampler ✓
- E. Tip Tank Valves OK

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2. NARRATIVE ON HOW SAMPLING MISSION PERFORMED:

SERIES OF 360° TURNS (TOOLING)

3. SKETCH OF SAMPLING PENETRATION RELATIVE TO STRUCTURE OF CLOUD:



4. SUGGESTIONS:

None LETS GO HOME!

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~~SECURITY INFORMATION~~

TGA T696 KAFB

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~~CONFIDENTIAL~~

SECURITY INFORMATION

INTERCOMMUNICATION FORM

PRIVACY ACT MATERIAL REMOVED

Date: 4 June 57

Aircraft No. 57-1645

Flight TW 3
Name _____

Classification changed to Confidential
by authority of the U.S. Atomic Energy Commission,
per Ralph C. Smith
Per _____
(Person authorizing change in classification)
By Ralph C. Smith Oct 11, 1955
(Signature of person making the change, and date)

1. INSTRUMENT FUNCTION:

A. Integren OK

B. Jasper OK

C. Ion Chamber OK

D. Snap Sampler Not used

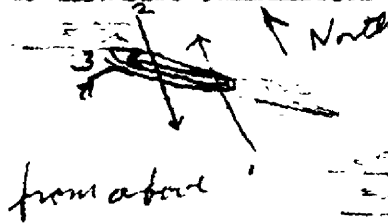
E. Tip Tank Valves OK

~~This material contains information affecting the national defense of the United States within the meaning of the espionage laws, Title 18, U. S. Code, Section 793, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.~~

2. NARRATIVE ON HOW SAMPLING MISSION PERFORMED:

all passes were at 3800 feet 2 were short passes then one long pass of approx 15 minutes, sampling was in north west portion of cloud

3. SKETCH OF SAMPLING PENETRATION RELATIVE TO STRUCTURE OF CLOUD:



North portion from south side

4. SUGGESTIONS:

~~RESTRICTED DATA~~
ATOMIC ENERGY ACT 1946

SECURITY INFORMATION

TGA 1696 KAFB

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

INTERNAL SECURITY INFORMATION

SECRET
DATE: 4 JUN 50
AIRCRAFT No. 049

Flight TR-4

Names _____

Classification changed to Confidential
 by authority of the U. S. Atomic Energy Commission,
 per Ralph Carlisle Smith
 Per _____
 (Person _____ Classification Office) C
 By Ann Bryson Oct 11, 1955
 (Signature of person making the change, and date)

1. INSTRUMENT FUNCTION:

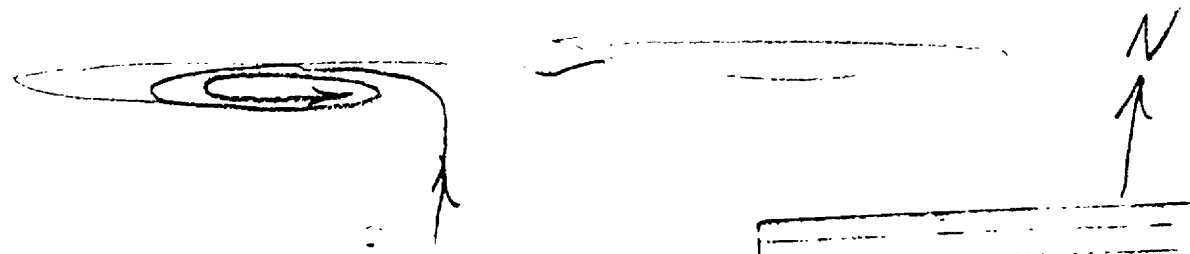
- A. Integren ✓
- B. Jasper ✓
- C. Ion Chamber ✓
- D. Snap Sampler ✓
- E. Tip Tank Valves ✓

This material contains information affecting the national defense of the United States within the meaning of the espionage laws of the U. S. C. and the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

2. NARRATIVE ON HOW SAMPLING MISSION PERFORMED:

Initial penetration from south to north
at 39000 ft

3. SKETCH OF SAMPLING PENETRATION RELATIVE TO STRUCTURE OF CLOUD:



4. SUGGESTIONS:

RESTRICTED DATA
ATOMIC ENERGY ACT 1954

~~SECRET~~

TGA 1696 KAFB

~~CONFIDENTIAL~~

Date: 3/17/55

Aircraft No. 055

PRIVACY ACT MATERIAL REMOVED

AEC

Flight B-3

Names A/C 055

Classification changed to Confidential
by authority of the Atomic Energy Commission
per Ralph Carlisle
Per Classification Change (classification) (Date)
By Ann Johnson Oct 11, 1955
(Signature of person making the change, and date)

1. INSTRUMENT FUNCTION:

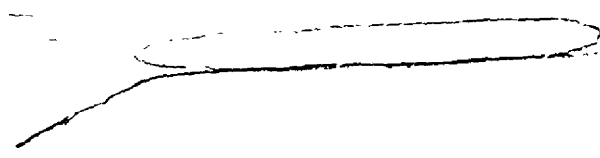
- A. Integron ok
- B. Jasper 1.
- C. Ion Chamber 1.
- D. Snap Sampler "
- E. Tip Tank Valves "

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2. NARRATIVE OF HOW SAMPLING MISSION PERFORMED:

None from 5 to 70. Not within of a
sample 39,000. Hand down. [unclear] +
broken up

3. SKETCH OF SAMPLING PENETRATION RELATIVE TO STRUCTURE OF CLOUD:



4. SUGGESTIONS:

~~RESTRICTED DATA~~
~~ATOMIC ENERGY ACT - 1950~~

TGA 1696 KAFB

~~CONFIDENTIAL~~
SECURITY INFORMATION

~~CONFIDENTIAL~~

PRIVACY ACT MATERIAL REMOVED

INTERROGATION FORM

Date: 2 June 53

Aircraft No. 054

Flight T 13 2

Names _____

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1. INSTRUMENT FUNCTION:

- A. Integron ✓
- B. Jasper ✓
- C. Ion Chamber ✓
- D. Snap Sampler _____
- E. Tip Tank Valves ✓

2. NARRATIVE ON HOW SAMPLING MISSION PERFORMED:

Flew in cloud - 3600' alt
.8

3. SEARCH OF SAMPLING PENETRATION RELATIVE TO STRUCTURE OF CLOUD:

Classification changed to Confidential
by authority of the U. S. Atomic Energy Commission.

Per per Ralph Carlisle Smith
(Person making change) (Date)

By Ann Gregory Oct 11, 1955
(Signature of person making the change, and date)

42,000
27,500

~~CONFIDENTIAL~~
ATOMIC ENERGY ACT - 1954

4. SUGGESTIONS: N

~~CONFIDENTIAL~~