

MARSHALL ISLANDS FILE TRACKING DOCUMENT

Record Number: 186

File Name (TITLE): Aircraft Contamination Data -
Mike Shot, Op. IVY

Document Number (ID): 130265

DATE: _____

Previous Location (FROM): CIC

AUTHOR: _____

Additional Information: _____

OrMIbox: 12

CyMIbox: 8

AIRCRAFT CONTAMINATION DATA

AIRCRAFT C-54 "MIKE" SHOT DATE 1 NOVEMBER 1952
5575

SHOT TIME 0715

CONTAMINATION SURVEY	DATE	1	2	3	4	5	6
		1 Nov.	4 Nov.	6 Nov.	7 Nov.	12 Nov.	
		TIME	1130	1130	1745	1845	1130
1. Nose Section (Right Side)		800	40	21	12		
2. Nose Gear		600	20	10	6	2	
3. # 3 Engine Prop.		1900	100	34	20	4	
4. # 3 Engine		3900	430	200	34	7	
a. Intake		20,000	3000	320	48	5	
b. Accessory Section		10,000	1000	295	44	16	
c. Turbos			380	450	70	24	
5. Right Main Landing Gear		1000	260	122	70	1	
6. # 4 Engine Prop.		2000	80	36	10	4	
7. # 4 Engine		3000	400	420	20	6	
a. Intake		20,000	2200	320	25	6	
b. Accessory Section		10,100	1000	300	34	10	
c. Turbos			320	200	42	12	
8. Leading Edge of Right Wing		2500	80	60	15	6	
9. Trailing Edge of Right Wing		1500	20	8	6	1	

Decontamination used after 1st Reading CLASSIFICATION CANCELLED*

RG 326 US ATOMIC ENERGY COMMISSION **2nd** BY Frahm 12/17/90

Location **LANL** *L.G. DNA. Chapman to DOE 12/12/90

Collection **RECORDS CENTER - 1990 3rd** GUNK & HEROINE, TIDE & HOT WATER
HOT WATER RINSE

Folder **No Folder: op. IVY - Excess Radiation of C-54 + SA-16 4th**

AIRCRAFT

All Readings Are in MR/HR Maximum Final Reading 24 MR/HR

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AIRCRAFT CONTAMINATION DATA

AIRCRAFT C-54 "NINE" SHOT DATE 3 NOVEMBER 1952
4057E

SHOT TIME 0715

CONTAMINATION SURVEY	DATE	1	2	3	4	5	6
		1 Nov	4 Nov	6 Nov	7 Nov	12 Nov	
		TIME	1130	1130	1745	1245	1130
10. Right Side of Fuselage		1000	12	8	6	1	
11. Leading Edge of Rt. Horiz. Stab.		1000				1	
12. Trailing Edge Rt. Horiz. Stab.		1000				1	
13. Leading Edge L. Horiz. Stab.		1500				1	
14. Trailing Edge L. Horiz. Stab.		1000				1	
15. Left Side of Fuselage		1000		10	6	1	
16. Trailing Edge L. Wing		2000		10	7	LANL	
17. Leading Edge L. Wing		3000	80	80	24	5	
18. #1 Engine Prop		2000	80	26	8	4	
19. # 1 Engine		8000	440	200	18	6	
a. Intake		28,000	2400	80	16	7	
b. Accessory Section		15,000	800	110	30	8	
c. Turbos			400	360	18	10	
20. # 2 Engine Prop.		5000	60	32	6	3	

Decontaminant used after 1st Reading

2nd

GUNK & KEROSENE, TIDE & HOT WATER
HOT WATER RINSE

3rd

4th

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AIRCRAFT CONTAMINATION DATA

AIRCRAFT 0-84 "NEKE" SHOT DATE 1 NOVEMBER 1952

5575

SHOT TIME 0715

CONTAMINATION SURVEY		1	2	3	4	5	6
	DATE	1 Nov	4 Nov	6 Nov	7 Nov	12 Nov	
	TIME	1130	1120	1745	1245	1130	
21. # 2 Engine		8000	440	200	20	14	
a. Intake		21,000	2100	220	24	8	
b. Accessory Section		11,000	660	140	25	15	
c. Turbos			200	160	25	10	
22. Left Main Landing Gear		2000	240	60	16		
23. Nose Section (Left Side)		2000	30	24	7	8	
24. Bottom of Fuselage		1000	20	10	4		
a. Radar Dome		2000	38	22	14	4	
b. Antenna		2000	37	19	10	5	
25. Rear Compartment-- Crew Pos.		1000	25	10	4	8	
26. Bomb Bay Walls						LANL	
27. Front Compartment-- Crew Pos.		1000	25	12	5		

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Decontaminant used after 1st Reading

2nd

GUNK & KEROSENE, TIDE & HOT WATER
HOT WATER RINSE

3rd

4th

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Maximum Final Reading 24 MR/HR

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Restricted Data

ATOM... 61-16

AIRCRAFT CONTAMINATION DATA

AIRCRAFT SA-16 "MINER" SHOT DATE 11 Nov 51
51-016

SHOT TIME 0711

CONTAMINATION SURVEY	DATE	1	2	3	4	5	6
		1 Nov.	2 Nov.	7 Nov.	7 Nov.	8 Nov.	
		TIME	1700	1415	1010	1605	1515
1. Rt. Side of Nose Section			260	36	28	10	
2. Nose Gear			160	20	30	13	
3. # 2 Engine Prop.			800	200	44	30	
4. # 2 Engine			3000	450	100	50	
5. a. Intake				460	70	30	
b. Accessory Sect.			3200	340	200	40	
c. Oil Cooler				270	100		
5. Rt. Main Landing Gear		1000	200	30	30	10	
6. Leading Edge Rt. Wing			1200	100	30	20	
7. Trailing Edge Rt. Wing			20	10	5	5	
8. Rt. Side of Fuselage			100	20	10		LANL
9. Leading Edge Rt. Horiz. Stab.			60	10	8	5	
10. Trailing Edge Rt. Horiz. Stab.			30	8	6	4	
11. Leading Edge L. Horiz. Stab.			70	10	9	5	
12. Trailing Edge L. Horiz. Stab.			30	6	5	4	

Decontaminant used after 1st Reading BEST COPY AVAILABLE

<i>2nd</i>	
<i>3rd</i>	GUNK & KEROSENE, TIDE & HOT WATER HOT WATER RINSE
<i>4th</i>	

All Readings Are in MR/HR Maximum First Reading 50 MR/HR

A1-17

[Redacted Signature]

AIRCRAFT CONTAMINATION DATA

AIRCRAFT SA-16 "MIXE" SHOT DATE November 1952

SHOT TIME 0000

CONTAMINATION SURVEY	DATE	1	2	3	4	5	6
		1 Nov.	2 Nov.	7 Nov.	7 Nov.	8 Nov.	
		TIME	1700	1415	1010	1605	1515
13. Left Side of Fuselage			100	20	10	10	
14. Trailing Edge Left Wing			120	3		6	
15. Leading Edge Left Wing			1000	180		4	
16. # 1 Engine Prop.			700	120	10	15	
17. # 1 Engine			2400	420	30	8	
a. Intake			1000	300	10	3	
b. Accessory Sect.		3600	2200	310	10	50	
c. Oil Cooler				40			
18. Left Main Landing Gear			240				LANL
19. Left Side Nose Section			380	30	10	10	
20. Bottom of Fuselage				30	20		
21. Top of Fuselage				20	10		
22. Float-- Rt. Wing			260	10	8		
23. Float-- Left Wing			200	10	7		
24. Crew Compartment		1250	300	40	20		

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Decontaminant used after 1st Reading

2nd

GUNK & KEROSENE, TILE & HOT WATER
HOT WATER RINSE

3rd

4th

All Readings Are in MR/HR

Maximum Final Reading 50 MR/HR

~~Restricted Data~~
ATC...

A1-18

~~SECRET~~