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

On HR 190-16 \_\_\_\_\_  
(Date of automatic change in classification) (Date)

By \_\_\_\_\_  
(Signature of person making the change, and date)

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AIRCRAFT DATA FORM (AFM 190-10)					SHOT TITLE: Wilson						
PILOT:			TAKEOFF TIME: 0615		SAMPLER CODE: Tiger Red II						
OBSERVER: N/A			LANDING TIME: 0721		AIRCRAFT NUMBER: 053						
FILM BADGE			CREW EXPOSURE DATA								
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	712521	565	712522	550							
OBSERVER											
DATA CARDS											
CODE	INFORMATION			PENETRATION							
A	PASS NUMBER			1	2	3	4	5	6	7	
B	ALTITUDE (1000')			27	26.5	26.5					
C	PENETRATION TIME (LOCAL)			0657	0702	0707					
D'	PEAK CLOUD INTENSITY (R/HR)			10	21	17					
D''	AVERAGE CLOUD INTENSITY (R/HR)			7	10	7					
E	TIME IN CLOUD (MIN & SEC)			1:	1:50	1:					
F	EXPOSURE (INTEGRON IN R)			.15	.35	.55					
G	COCKPIT BACKGROUND (R/HR)			.5	.6	.7					
H	SAMPLE READING (WTIC IN R/HR)			28	32	34					
I	SQUEEGEE ON (YES OR NO)			Yes	Yes	Yes					
	INDICATED AIR SPEED (MPH)			260	260	270					
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)				.25							
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)				.65							
SAMPLE READING ON LANDING (WTIC IN R/HR)				25					OFFICIAL USE ONLY		
TIME LANDING READINGS TAKEN				0725					BEST COPY AVAILABLE		
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:					
EXPERIMENTAL FILM BADGES											
CANOPY			INTEGRON								
NUMBER	READING		NUMBER	READING							
717918	815		717919	705							

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<b>AIRCRAFT DATA FORM (AFR 190-16)</b>	SHOT TITLE: <b>Wilson</b>
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PILOT:	TAKEOFF TIME: <b>0656</b>	SAMPLER CODE: <b>Tiger II</b>
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OBSERVER:	LANDING TIME: <b>0608</b>	AIRCRAFT NUMBER: <b>051</b>
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FILM BADGE		CREW EXPOSURE DATA						
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	<b>717967</b>	<b>315</b>	<b>717966</b>	<b>405</b>				
OBSERVER								

DATA CARDS								
CODE	INFORMATION	PENETRATION						
		1	2	3	4	5	6	7
A	PASS NUMBER							
B	ALTITUDE (1000')	<b>25</b>	<b>26.5</b>	<b>26.5</b>				
C	PENETRATION TIME (LOCAL)	<b>0633</b>	<b>0636</b>	<b>0640</b>				
D'	PEAK CLOUD INTENSITY (R/HR)							
D''	AVERAGE CLOUD INTENSITY (R/HR)							
E	TIME IN CLOUD (MIN & SEC)	<b>:13</b>	<b>:17</b>	<b>:18</b>				
F	EXPOSURE (INTEGRON IN R)	<b>.2</b>	<b>.25</b>	<b>.55</b>				
G	COCKPIT BACKGROUND (R/HR)							
H	SAMPLE READING (WTIC IN R/HR)	<b>5</b>	<b>13</b>	<b>17</b>				
I	SQUEEGEE ON (YES OR NO)	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>				
	INDICATED AIR SPEED (MPH)	<b>340</b>	<b>330</b>	<b>320</b>				

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)                      **XXXXX**

TOTAL EXPOSURE ON LANDING (INTEGRON IN R) **.8**

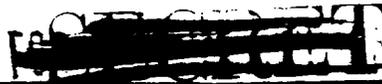
SAMPLE READING ON LANDING (WTIC IN R/HR) **22**

TIME LANDING READINGS TAKEN **0659**

LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PILOT:	OBSERVER:
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EXPERIMENTAL FILM BADGES			
CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
<b>717912</b>	<b>1200</b>	<b>717913</b>	<b>815</b>

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<b>AIRCRAFT DATA FORM (AFR 190-16)</b>		SHOT TITLE: 123456
PILOT:	TAKEOFF TIME: 0550	SAMPLER CODE: 71195 I
OBSERVER:	LANDING TIME: 0700	AIRCRAFT NUMBER: 049

FILM BADGE		CREW EXPOSURE DATA							
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING	
PILOT	71195	845	<del>71195</del> 71196	860					
OBSERVER									

DATA CARDS									
CODE	INFORMATION	PENETRATION							
A	PASS NUMBER	1	2	3	4	5	6	7	
B	ALTITUDE (1000')	37	37.3	38	36	36			
C	PENETRATION TIME (LOCAL)	0613	0617	0625	0630	0635			
D'	PEAK CLOUD INTENSITY (R/HR)	29	35	39	14	17			
D''	AVERAGE CLOUD INTENSITY (R/HR)	14	16	15	6.2	10			
E	TIME IN CLOUD (MIN & SEC)	1:10	1:55	1:02	1:35	1:30			
F	EXPOSURE (INTEGRON IN R)	.1	.32	.64	.82	1.05			
G	COCKPIT BACKGROUND (R/HR)	0.3	0.5	0.5	0.5	0.5			
H	SAMPLE READING (WTIC IN R/HR)	11.1	14	16	34	36			
I	SQUEEGEE ON (YES OR NO)	Yes	Yes	Yes	Yes	Yes			
	INDICATED AIR SPEED (MPH)	210	245	245	245	245			

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) 0.12

TOTAL EXPOSURE ON LANDING (INTEGRON IN R) 2.44

SAMPLE READING ON LANDING (WTIC IN R/HR) 16

TIME LANDING READINGS TAKEN 0705

LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PILOT:	OBSERVER:
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EXPERIMENTAL FILM BADGES			
CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
711010	1640	717309	1420



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AIRCRAFT DATA FORM (AFF 190-16)		SHOT TITLE: <b>Wilson</b>
PILOT:	TAKEOFF TIME: <b>0615</b>	SAMPLER CODE: <b>Tiger Red I</b>
OBSERVER:	LANDING TIME: <b>0723</b>	AIRCRAFT NUMBER: <b>054</b>

	FILM BADGE		CREW EXPOSURE DATA					
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	<b>711187</b>	<b>580</b>	<b>711186</b>	<b>580</b>				
OBSERVER								

CODE	INFORMATION	PENETRATION						
		1	2	3	4	5	6	7
A	PASS NUMBER							
B	ALTITUDE (1000')	<b>27</b>	<b>27</b>	<b>27</b>				
C	PENETRATION TIME (LOCAL)	<b>0657</b>	<b>0702</b>	<b>0707</b>				
D'	PEAK CLOUD INTENSITY (R/HR)	<b>20</b>	<b>20</b>	<b>20</b>				
D''	AVERAGE CLOUD INTENSITY (R/HR)	<b>4</b>	<b>3</b>	<b>3</b>				
E	TIME IN CLOUD (MIN & SEC)	<b>1:</b>	<b>1:50</b>	<b>1:</b>				
F	EXPOSURE (INTEGRON IN R)	<b>21.3</b>	<b>.4</b>	<b>.6</b>				
G	COCKPIT BACKGROUND (R/HR)	<b>.5</b>	<b>.9</b>	<b>1</b>				
H	SAMPLE READING (WTIC IN R/HR)	<b>40</b>	<b>10</b>	<b>12</b>				
I	SQUEEGEE ON (YES OR NO)	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>				
	INDICATED AIR SPEED <del>280</del> <b>Knots</b>	<b>260</b>	<b>260</b>	<b>270</b>				

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) **.3**

TOTAL EXPOSURE ON LANDING (INTEGRON IN R) **.7**

SAMPLE READING ON LANDING (WTIC IN R/HR) **10**

TIME LANDING READINGS TAKEN **0724**

LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PILOT:	OBSERVER:
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CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
<b>717916</b>	<b>920</b>	<b>717917</b>	<b>785</b>

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**AIRCRAFT DATA FORM** (AFM 150-16)

PILOT:		TAKEOFF TIME: <b>E 0545</b>	SHOT TITLE: <b>Wilson</b>
OBSERVER:		LANDING TIME: <b>0618</b>	SAMPLER CODE: <b>Hot Shot I</b>
		AIRCRAFT NUMBER: <b>501</b>	

FILM BADGE		CREW EXPOSURE DATA						
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	<b>717958</b>	<b>1740</b>	<b>717959</b>	<b>1920</b>				
OBSERVER	<b>717983</b>	<b>1540</b>	<b>717982</b>	<b>1480</b>				

DATA CARDS								
CODE	INFORMATION	PENETRATION						
A	PASS NUMBER	1	2	3	4	5	6	7
B	ALTITUDE (1000')	<b>38.5</b>	<b>38.5</b>					
C	PENETRATION TIME (LOCAL)	<b>0604</b>	<b>0606.5</b>					
D'	PEAK CLOUD INTENSITY (R/HR)	<b>30</b>	<b>28</b>					
D''	AVERAGE CLOUD INTENSITY (R/HR)	<b>20</b>	<b>15</b>					
E	TIME IN CLOUD (MIN & SEC)	<b>1:30</b>	<b>1:30</b>					
F	EXPOSURE (INTEGRON IN R)	<b>.4</b>	<b>.8</b>					
G	COCKPIT BACKGROUND (R/HR)	<b>1</b>	<b>1.9</b>					
H	SAMPLE READING (WTIC IN R/HR)	<b>50</b>	<b>70</b>					
I	SQUEEGEE ON (YES OR NO)	<b>Yes</b>	<b>Yes</b>					
	INDICATED AIR SPEED (MPH)	<b>230/205</b>	<b>245/432</b>					

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) **1.5**

TOTAL EXPOSURE ON LANDING (INTEGRON IN R) **1.4**

SAMPLE READING ON LANDING (WTIC IN R/HR) **60**

TIME LANDING READINGS TAKEN **0621 1/2**

LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PILOT: <b>Yes</b>	OBSERVER: <b>Yes</b>
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CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
<b>717095</b>	<b>4470</b>	<b>717096</b>	<b>2310</b>

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AIRCRAFT DATA FORM						SHOT TITLE: <b>Lasser</b>			
PILOT:			TAKEOFF TIME: <b>0510</b>			SAMPLER CODE: <b>Tiger I</b>			
OBSERVER:			LANDING TIME: <b>0537</b>			AIRCRAFT NUMBER: <b>032</b>			
FILM BADGE			CREW EXPOSURE DATA			DOSIMETER			
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING	
PILOT	<b>711190</b>	<b>55</b>	<b>711191</b>	<b>55</b>					
OBSERVER									
DATA CARDS									
CODE	INFORMATION				PENETRATION				
A	PASS NUMBER <b>9 Passes</b>				1	2	3	4	5
B	ALTITUDE (1000')				<b>6.5</b>				
C	PENETRATION TIME (LOCAL)				<b>0510-0530</b>				
D'	PEAK CLOUD INTENSITY (R/HR)				<b>2</b>				
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>1.1</b>	<del>XXXXXXXXXXXXXXXXXXXXXXXXXXXX</del>			
E	TIME IN CLOUD (MIN & SEC)				<b>20</b>	<del>XXXXXXXXXXXXXXXXXXXXXXXXXXXX</del>			
F	EXPOSURE (INTEGRON IN R)				<b>0.1</b>	<del>XXXXXXXXXXXXXXXXXXXXXXXXXXXX</del>			
G	COCKPIT BACKGROUND (R/HR)				<b>0.3</b>				
H	SAMPLE READING (WTIC IN R/HR)				<b>6.3</b>				
I	SQUEEGEE ON (YES OR NO)				<b>No</b>				
	INDICATED AIR SPEED <del>XXX</del> <b>Knots</b>				<b>400</b>				
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) <b>0.3</b>									
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) <b>0.12</b>									
SAMPLE READING ON LANDING (WTIC IN R/HR) <b>5.0</b>									
TIME LANDING READINGS TAKEN <b>0537</b>									
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:			
EXPERIMENTAL FILM BADGES									
CANOPY				INTEGRON					
NUMBER		READING		NUMBER		READING			
<b>711000</b>		<b>360</b>		<b>711001</b>		<b>175</b>			

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(AFR 100-16)

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FILTER RECOVERY DATA COLLECTION SHEET						SHOT TITLE: Wilson	
SHOT TIME: 0445				TAKEN BY			
CHECK TIME: 0600=75 min, 0630=105 min, 0700=135 min, 0730=165 min, 0800=195 min							
	A/C - SAMPLE	READING TIME	READING R./HR	ELAPSED TIME	FISSIONS	AGENCY	REPRESENTATIVE
	A	B	C	D	E	F	G
1	454-L	0644	.008	119	$8 \times 10^{12}$	UCRL	
2	454-R	0637	.010	112	$8 \times 10^{12}$	UCRL	
3	905-R	0652	.023	127	$2 \times 10^{13}$	UCRL	
4	905-L	0656	.025	132	$2.2 \times 10^{13}$	UCRL	
5	330-R	0701	3.85	136	$3.5 \times 10^{15}$	UCRL	
6	330-L	0707	3.4	142	$3.2 \times 10^{15}$	UCRL	
7	324-R	0711	2.9	146	$3. \times 10^{15}$	UCRL	
8	324-L	0715	2.9	150	$3. \times 10^{15}$	UCRL	
9	501-L-F	0735	6.1	170	$7. \times 10^{15}$	UCRL	
10	501-L-R	0737	0.160	172	$2.8 \times 10^{14}$	UCRL	
11	501-R-1	0742	3.9	177	$5. \times 10^{15}$	UCRL	
12	501-R-2	0745	1.6	180	$2. \times 10^{15}$	UCRL	
NOTES:							

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(AFR 190-16)

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FILTER RECOVERY DATA COLLECTION SHEET						SHOT TITLE: Wilson	
SHOT TIME: : 0445				TAKEN BY			
CHECK TIME: 0600=75* min, 0630=105 min, 0700=135 min, 0730=165 min, 0800=195 min, 0830=225 min, 0900=255 min.							
	A/C - SAMPLE	READING TIME	READING R/HR	ELAPSED TIME	FISSIONS	AGENCY	REPRESENTATIVE
	A	B	C	D	E	F	G
1	501-R-2	0747	<del>1.7</del> 1.7	182	2.3X 10 <sup>15</sup>		
2	502-L-F	0754	3.1	189	5.4X 10 <sup>15</sup>		
3	502-L-R	0759	.160	194	2.5X 10 <sup>14</sup>		
4	502-R- $\frac{1}{2}$	0803	2.6	197	3.8X 10 <sup>15</sup>		
5	502-R- $\frac{1}{4}$	0805	.8	199	1.5X 10 <sup>15</sup>		
6	502-R-1	0807	.75	202	1.2X 10 <sup>15</sup>		
7	495-L-F	0815	3.4	210	5.5X 10 <sup>15</sup>		
8	495-L-R	0820	.170	215	2.8X 10 <sup>14</sup>		
9	495-R- $\frac{1}{2}$	0824	2.6	219	4.5X 10 <sup>15</sup>		
10	495-R- $\frac{1}{4}$	0825	1.1	220	1.9X 10 <sup>15</sup>		
11	495-R-1	0827	1.0	222	2.5X 10 <sup>15</sup>		
12	051-R	0842	1.2	237	2.3X 10 <sup>15</sup>		
NOTES:							
	051-L	0846	1.0	241	<del>1.9</del> 1.9 X 10 <sup>15</sup>		
	049-R	0851	.65	246	1.4 X 10 <sup>15</sup>		
	049-L	0853	1.55	248	3.0 X 10 <sup>15</sup>		
	054-R- $\frac{1}{2}$	0900	.450	255	1.0 X 10 <sup>15</sup>		
	054-R- $\frac{1}{4}$	0900	.65	255	1.3 X 10 <sup>15</sup>		
	054-L-F	0904	.80	259	1.5 X 10 <sup>15</sup>		
	054-L-R	0906	.060	261	1.3 X 10 <sup>14</sup>		
	053-R	0908	.96	263	2. X 10 <sup>15</sup>		
	053-L	0914	.80	269	2.5 X 10 <sup>15</sup>		
	053-L-R	0915	.040	270	9. X 10 <sup>13</sup>		

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AIRCRAFT DATA FORM						SHOT TITLE:			
PILOT:						WILSON			
OBSERVER:						HOT SHOT III			
TAKEOFF TIME: 0615						AIRCRAFT NUMBER: 495			
LANDING TIME: 0710									
CREW EXPOSURE DATA						FILM BADGE			
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING	
PILOT	<del>717968</del>		<del>717968</del>		717968	750	717969	705	
OBSERVER	<del>717971</del>		<del>717971</del>		717971	705	717970	655	
DATA CARDS									
CODE	INFORMATION				PENETRATION				
A	PASS NUMBER				1	2	3	4	5
B	ALTITUDE (1000')				37.8	38	38.7		
C	PENETRATION TIME (LOCAL)				0642	0646	0651		
D'	PEAK CLOUD INTENSITY (R/HR)				6	11	24		
D''	AVERAGE CLOUD INTENSITY (R/HR)				4	8	16		
E	TIME IN CLOUD (MIN & SEC)				21	1:10	1:5		
F	EXPOSURE (INTEGRON IN R)				.1	.32	.6		
G	COCKPIT BACKGROUND (R/HR)				.4	1.0	1.7		
H	SAMPLE READING (WTIC IN R/HR)				8	19	26		
I	SQUEEGEE ON (YES OR NO)				Yes	Yes	Yes		
	INDICATED AIR SPEED (MPH)				180	190	290		
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)					1.0				
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)					1.0				
SAMPLE READING ON LANDING (WTIC IN R/HR)					23				
TIME LANDING READINGS TAKEN					0713				
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:			
EXPERIMENTAL FILM BADGES									
CANOPY				INTEGRON					
NUMBER	READING		NUMBER	READING					
717914	1600		717915	940					

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<b>AIRCRAFT DATA FORM (AFR 190-16)</b>						SHOT TITLE: <b>Wilson</b>					
PILOT:			TAKEOFF TIME: <b>0800</b>			SAMPLER CODE: <b>952 500 II</b>					
OBSERVER:			LANDING TIME: <b>0840</b>			AIRCRAFT NUMBER: <b>500</b>					
<b>FILM BRWNR</b>				<b>CREW EXPOSURE DATA</b>							
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>727962</b>	<b>995</b>	<b>727963</b>	<b>Damaged</b>							
OBSERVER	<b>727965</b>	<b>995</b>	<b>727964</b>	<b>900</b>							
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>28</b>	<b>23.5</b>					
C	PENETRATION TIME (LOCAL)				<b>0616</b>	<b>0620</b>					
D'	PEAK CLOUD INTENSITY (R/HR)				<b>45</b>	<b>40</b>					
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>40</b>	<b>30</b>					
E	TIME IN CLOUD (MIN & SEC)				<b>1:25</b>	<b>1:20</b>					
F	EXPOSURE (INTEGRON IN R)				<b>.35</b>	<b>.55</b>					
G	COCKPIT BACKGROUND (R/HR)				<b>.45</b>	<b>.6</b>					
H	SAMPLE READING (WTIC IN R/HR)				<b>19</b>	<b>26</b>					
I	SQUEEGEE ON (YES OR NO)				<b>0613.5</b>	<b>0609</b>					
	INDICATED AIR SPEED (MPH)				<b>300</b>	<b>270</b>					
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) <b>.4</b>											
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) <b>.85</b>											
SAMPLE READING ON LANDING (WTIC IN R/HR) <b>0.6</b>											
TIME LANDING READINGS TAKEN <b>0645</b>											
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				PILOT:				OBSERVER:			
<b>EXPERIMENTAL FILM DAGES</b>											
<b>CANOPY</b>						<b>INTEGRON</b>					
NUMBER			READING			NUMBER			READING		
<b>717910</b>			<b>2900</b>			<b>717911</b>			<b>1260</b>		

AIRCRAFT DATA FORM						SHOT TITLE: <b>LASER</b>			
PILOT:			TAKEOFF TIME: <b>0522</b>			SAMPLER CODE: <b>Tiger II</b>			
OBSERVER: <b>N/A</b>			LANDING TIME: <b>0600</b>			AIRCRAFT NUMBER: <b>037</b>			
<b>FILM BADGE</b>			CREW EXPOSURE DATA			<b>ROSIMETER</b>			
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING	
PILOT	<b>71192</b>	<b>0</b>	<b>71193</b>	<b>0</b>					
OBSERVER									
DATA CARDS									
CODE	INFORMATION				PENETRATION				
A	PASS NUMBER				1	2	3	4	5
B	ALTITUDE (1000')				<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>	<b>6.5</b>
C	PENETRATION TIME (LOCAL)				<b>05:35</b>	<b>05:37</b>	<b>05:39</b>	<b>05:41</b>	<b>05:46</b>
D'	PEAK CLOUD INTENSITY (R/HR)				<b>0.5</b>	<b>0.5</b>	<b>3</b>	<b>3</b>	<b>3</b>
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>.1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
E	TIME IN CLOUD (MIN) <del>20</del>				<b>10</b>	<b>18</b>	<b>16</b>	<b>16</b>	<b>14</b>
F	EXPOSURE (INTEGRON IN R)				<b>.1</b>	<b>.3</b>	<b>.3</b>	<b>.3</b>	<b>.3</b>
G	COCKPIT BACKGROUND (R/HR)				<b>.1</b>	<b>.1</b>	<b>.1</b>	<b>.1</b>	<b>.1</b>
H	SAMPLE READING (WTIC IN R/HR)				<b>1</b>	<b>1</b>	<b>1</b>	<b>1.1</b>	<b>1.1</b>
I	SQUEEGEE ON (YES OR NO)				<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>
	INDICATED AIR SPEED <del>300</del> <b>Knots</b>				<b>400</b>	<b>350</b>	<b>370</b>	<b>400</b>	<b>400</b>
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) <b>.1</b>									
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) <b>.2</b>									
SAMPLE READING ON LANDING (WTIC IN R/HR) <b>1</b>									
TIME LANDING READINGS TAKEN <b>0556</b>									
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:			
EXPERIMENTAL FILM BADGES									
CANOPY				INTEGRON					
NUMBER	READING			NUMBER	READING				
<b>711002</b>	<b>0</b>			<b>711003</b>	<b>0</b>				

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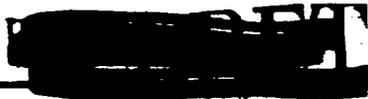
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AIRCRAFT DATA FORM						SHOT TITLE: Lassen		
PILOT:			TAKEOFF TIME: 0533			SAMPLER CODE: Tiger 4		
OBSERVER: N/A			LANDING TIME: 0635			AIRCRAFT NUMBER: 055		
FILM BADGES			CREW EXPOSURE DATA			DOSIMETER		
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	721197	0	721196	0				
OBSERVER								
DATA CARDS								
CODE	INFORMATION	PENETRATION						
A	PASS NUMBER	1	2	3	4	5	6	7
B	ALTITUDE (1000')	6.3						
C	PENETRATION TIME (LOCAL)	0630	0633	0636	0639	0641		
D'	PEAK CLOUD INTENSITY (R/HR)	0						
D''	AVERAGE CLOUD INTENSITY (R/HR)	0						
E	TIME IN CLOUD (MIN & SEC)	1:20"	1:30"	1:20"	1:25"	40"		
F	EXPOSURE (INTEGRON IN R)	0						
G	COCKPIT BACKGROUND (R/HR)	0						
H	SAMPLE READING (WTIC IN R/HR)	.06	.06	.08	0.12	0.17		
I	SQUEEGEE ON (YES OR NO)	No	No	No	No	No		
	INDICATED AIR SPEED (MPH)							
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)		0						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)		0						
SAMPLE READING ON LANDING (WTIC IN R/HR)		0.16						
TIME LANDING READINGS TAKEN		0635						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:		
EXPERIMENTAL FILM BADGES								
CANOPY				INTEGRON				
NUMBER	READING		NUMBER	READING				
721006	0		721007	0				

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AIRCRAFT DATA FORM						SHOT TITLE:					
PILOT:			TAKEOFF TIME:			LASSON					
OBSERVER:			LANDING TIME:			SAMPLER CODE:					
			0530			SPARE I					
			0637			AIRCRAFT NUMBER:					
						043					
FILM BADGE		CREW EXPOSURE DATA				DOSIMETER					
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	71198	0	71199	0							
OBSERVER											
DATA CARDS											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER 17 Passes				1	2	3	4	5	6	7
B	ALTITUDE (1000') <del>XXXXXX</del> 6.3										
C	PENETRATION TIME (LOCAL)				0549-0630						
D'	PEAK CLOUD INTENSITY (R/HR)				2						
D''	AVERAGE CLOUD INTENSITY (R/HR)				.1						
E	TIME IN CLOUD (MIN & SEC)				30						
F	EXPOSURE (INTEGRON IN R)				.05						
G	COCKPIT BACKGROUND (R/HR)				0						
H	SAMPLE READING (WTIC IN R/HR)				.69						
I	SQUEEGEE ON (YES OR NO)				<del>No</del>						
	INDICATED AIR SPEED (KNOTS) <del>XXX</del> Knots				390						
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) 0											
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) .06											
SAMPLE READING ON LANDING (WTIC IN R/HR) .6											
TIME LANDING READINGS TAKEN 0634											
LEAD VEST:			PILOT:			OBSERVER:					
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO											
EXPERIMENTAL FILM BADGES											
CANOPY			INTEGRON								
NUMBER	READING		NUMBER	READING							
712505	0		712506	0							

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FILTER RECOVERY DATA COLLECTION SHEET (AFR 190-16)					SHOT TITLE: La 300		
SHOT TIME: 0145				TAKEN BY:			
CHECK TIME: 0545-60, 0615-90, 0645-120, 0715-150, 0745-180							
	A/C - SAMPLE	READING TIME	READING R./HR	ELAPSED TIME	FISSIONS	AGENCY	REPRESENTATIVE
	A	B	C	D	E	F	G
1	032-L	0605	.65R	80	6.8 X 10 <sup>14</sup>	UCRL	
2	032-R-1	0616	.27R	97	2.5X 10 <sup>14</sup>	AFSAT	
3	032-R-2	0620	.25R	95	2.4X 10 <sup>14</sup>	AFSAT	
4	037-R	0629	.31R	104	1.2X 10 <sup>14</sup>	UCRL	
5	037-L	0634	.20R	109	2.25X10 <sup>14</sup>	UCRL	
6	043-L	0647	.21R	122	2.45X10 <sup>14</sup>	UCRL	
7	043-R	0651	.20R	126	2.4X 10 <sup>14</sup>	UCRL	
8	055-R	0704	.0275	139	too low	UCRL	
9	055-L	0709	.023R	144	to calculate	UCRL	
10							
11							
12							

NOTES: UCRL fissions:  
 $f = 3.72 \times 10^{14} \cdot 1.2$   
 (total 5.)

1. 4 X 10<sup>14</sup>
2. 1.2 X 10<sup>14</sup>
3. 1.2 X 10<sup>14</sup>
4. 7 X 10<sup>13</sup>
5. 7 X 10<sup>13</sup>
6. 91 X 10<sup>14</sup>
7. 9 X 10<sup>14</sup>
8. 31 X 10<sup>14</sup>
9. 22 X 10<sup>14</sup>

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**AIRCRAFT DATA FORM**

PILOT:	TAKEOFF TIME: <b>0530</b>	SHOT TITLE: <b>Franklin</b>
OBSERVER:	LANDING TIME: <b>0624</b>	SAMPLER CODE: <b>Tiger I</b>
		AIRCRAFT NUMBER: <b>032</b>

	FILM DADGE		CREW EXPOSURE DATA				FOOTCOUNTER	
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	<b>717871</b>	<b>535</b>	<b>717872</b>	<b>500</b>				
OBSERVER								

CODE	INFORMATION	PENETRATION						
		1	2	3	4	5	6	7
A	PASS NUMBER							
B	ALTITUDE (1000')	<b>16</b>	<b>14.5</b>	<b>15</b>	<b>15</b>			
C	PENETRATION TIME (LOCAL)	<b>0555</b>	<b>0557</b>	<b>0600</b>	<b>0609</b>			
D'	PEAK CLOUD INTENSITY (R/HR)	<b>3</b>	<b>12</b>	<b>15</b>	<b>14</b>			
D''	AVERAGE CLOUD INTENSITY (R/HR)	<b>2</b>	<b>10</b>	<b>10</b>	<b>8</b>			
E	TIME IN CLOUD (MIN) <del>3133</del>	<b>13</b>	<b>20</b>	<b>6</b>	<b>3</b>			
F	EXPOSURE (INTEGRON IN R)	<b>.05</b>	<b>.1</b>	<b>.4</b>	<b>.5</b>			
G	COCKPIT BACKGROUND (R/HR)		<b>.1</b>	<b>.6</b>	<b>.7</b>			
H	SAMPLE READING (WTIC IN R/HR)	<b>1</b>	<b>4</b>	<b>32</b>	<b>40</b>			
I	SQUEEGEE ON (YES OR NO)	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>			
	INDICATED AIR SPEED (MPH)	<b>360</b>	<b>400</b>	<b>350</b>	<b>350</b>			

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) **.6**

TOTAL EXPOSURE ON LANDING (INTEGRON IN R) **.62**

SAMPLE READING ON LANDING (WTIC IN R/HR) **34**

TIME LANDING READINGS TAKEN **0623**

LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PILOT:	OBSERVER:
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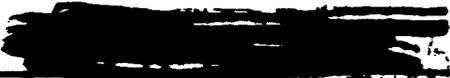
EXPERIMENTAL FILM DADGES			
CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
<b>712139</b>	<b>1040</b>	<b>712140</b>	<b>800</b>

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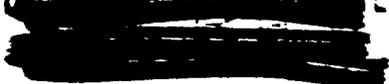


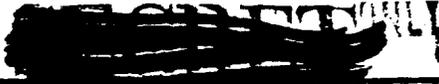
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<b>AIRCRAFT DATA FORM</b>						SERIAL NO: <b>Franklin</b>					
PILOT:				TAKEOFF TIME: <b>0601</b>		SAMPLER CODE: <b>Tiger IV</b>					
OBSERVER:				LANDING TIME: <b>0725</b>		AIRCRAFT NUMBER: <b>036</b>					
<b>FILM BADGE</b>				<b>CREW EXPOSURE DATA</b>				<b>DOSIMETER</b>			
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>712529</b>	<b>140</b>	<b>712528</b>	<b>120</b>							
OBSERVER											
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>15.1</b>						
C	PENETRATION TIME (LOCAL)				<b>0650</b>						
D'	PEAK CLOUD INTENSITY (R/HR)				<b>2</b>						
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>1</b>						
E	TIME IN CLOUD (MIN)				<b>25</b>						
F	EXPOSURE (INTEGRON IN R)				<b>.3</b>						
G	COCKPIT BACKGROUND (R/HR)				<b>.15</b>						
H	SAMPLE READING (WTIC IN R/HR)				<b>7</b>						
I	SQUEEGEE ON (YES OR NO)				<b>No</b>						
	INDICATED AIR SPEED <b>330</b> knots				<b>330</b>						
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)					<b>1.5</b>						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)					<b>1</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)					<b>.6</b>						
TIME LANDING READINGS TAKEN					<b>0730</b>						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:					
<b>EXPERIMENTAL FILM BADGES</b>											
<b>CANOPY</b>				<b>INTEGRON</b>							
NUMBER	READING		NUMBER	READING							
<b>712145</b>	<b>105</b>		<b>712146</b>	<b>290</b>							

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AIRCRAFT DATA FORM					SHOT TITLE: <b>Franklin</b>			
PILOT:			TAKEOFF TIME: <b>0601</b>		SAMPLER CODE: <b>Tiger V</b>			
OBSERVER:			LANDING TIME: <b>0725</b>		AIRCRAFT NUMBER: <b>051</b>			
FILM BADGE		CREW EXPOSURE DATA				POSTMETER		
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	<b>717870</b>	<b>235</b>	<b>717869</b>	<b>250</b>				
OBSERVER								

DATA CARDS								
CODE	INFORMATION	PENETRATION						
		1	2	3	4	5	6	7
A	PASS NUMBER							
B	ALTITUDE (1000')	<b>15</b>						
C	PENETRATION TIME (LOCAL)	<b>0650</b>						
D'	PEAK CLOUD INTENSITY (R/HR)	<b>3.0</b>						
D''	AVERAGE CLOUD INTENSITY (R/HR)	<b>2.0</b>						
E	TIME IN CLOUD (MIN) <del>1000</del>	<b>25</b>						
F	EXPOSURE (INTEGRON IN R)	<b>.34</b>						
G	COCKPIT BACKGROUND (R/HR)	<b>.25</b>						
H	SAMPLE READING (WTIC IN R/HR)	<b>9.6</b>						
I	SQUEEGEE ON (YES OR NO)	<b>No</b>						
	INDICATED AIR SPEED (MPH)	<b>354</b>						

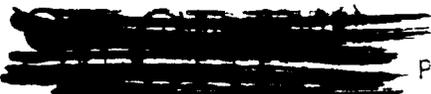
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)	<b>.11</b>
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)	<b>.38</b>
SAMPLE READING ON LANDING (WTIC IN R/HR)	<b>.80</b>
TIME LANDING READINGS TAKEN	<b>0720</b>

LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PILOT:	OBSERVER:
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EXPERIMENTAL FILM BADGES			
CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
<b>712147</b>	<b>630</b>	<b>712148</b>	<b>360</b>



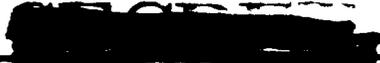


FILTER RECOVERY DATA COLLECTION SHEET						SHOT TITLE: Franklin	
SHOT TIME: 0155				TAKEN BY:			
CHECK TIME: 0615-20, 0645-210, 0715-210, 0745-270, 0815-200							
	A/C - SAMPLE	READING TIME	READING R:HR	ELAPSED TIME	FISSIONS	AGENCY	REPRESENTATIVE
	A	B	C	D	E	F	G
1	032-R	0611	3.6R	105	3.9 X 10 <sup>15</sup>	LASL	
2	032-L	0647	3.15R	112	3.7 X 10 <sup>15</sup>	APCAT	
3	037-R	0651	2.6R	116	2.9 X 10 <sup>15</sup>	LASL	
4	037-L	0651	2.15R	119	2.7 X 10 <sup>15</sup>	LASL	
5	053-R	0709	2.0R	134	2.8 X 10 <sup>15</sup>	LASL	
6	053-L	0705	1.9R	130	2.7 X 10 <sup>15</sup>	LASL	
7	038-R	0734	1.05R	159	2.9 X 10 <sup>15</sup>	APCAT	
8	038-L	0739	1.15R	164	2.2 X 10 <sup>15</sup>	LASL	
9	051-R	0744	1.1R	169	2.15 X 10 <sup>15</sup>	LASL	
10	0516L	0749	1.1R	174	2.2 X 10 <sup>15</sup>	LASL	
11							
12							
NOTES:							

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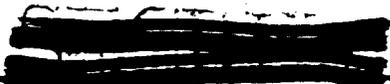
AIRCRAFT DATA FORM (AFR 190-16)						SHOT TITLE: <b>Boltzman</b>			
PILOT:			TAKEOFF TIME: <b>0645</b>			SAMPLE CODE: <b>Tiger white II</b>			
OBSERVER: <b>N/A</b>			LANDING TIME: <b>0745</b>			AIRCRAFT NUMBER: <b>1051</b>			
FILM BADGE		CREW EXPOSURE DATA				DOSIMETER			
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING	
PILOT	<b>712078</b>	<b>610</b>	<b>712077</b>	<b>720</b>	<b>0-206362</b>	<b>+1R</b>			
OBSERVER									
DATA CARDS									
CODE	INFORMATION				PENETRATION				
A	PASS NUMBER				1	2	3	4	5
B	ALTITUDE (1000')				<b>29/30</b>	<b>30</b>			
C	PENETRATION TIME (LOCAL)				<b>0716:5</b>	<b>0723:5</b>			
D'	PEAK CLOUD INTENSITY (R/HR)				<b>15</b>	<b>10</b>			
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>8</b>	<b>5</b>			
E	TIME IN CLOUD (MIN & SEC)				<b>8</b>	<b>6</b>			
F	EXPOSURE (INTEGRON IN R)				<b>.4</b>	<b>.2</b>			
G	COCKPIT BACKGROUND (R/HR)				<b>.3</b>	<b>.3</b>			
H	SAMPLE READING (WTIC IN R/HR)				<b>18</b>	<b>.26</b>			
I	SQUEEGEE ON (YES OR NO)				<b>No</b>	<b>No</b>			
	INDICATED AIR SPEED ( <del>MPH</del> <b>KNOTS</b> )				<b>300</b>	<b>270</b>			
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)					<b>.35</b>				
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)					<b>1.0</b>				
SAMPLE READING ON LANDING (WTIC IN R/HR)					<b>20</b>				
TIME LANDING READINGS TAKEN					<b>0750</b>				
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:			
EXPERIMENTAL FILM BADGES									
CANOPY			INTEGRON						
NUMBER	READING		NUMBER	READING					
<b>712050</b>	<b>1000</b>		<b>712113</b>	<b>1000</b>					

AIRCRAFT DATA FORM					SHOT TITLE: <b>Boltzman</b>					
PILOT:			TAKEOFF TIME: <b>0645</b>		SAMPLER CODE: <b>White I</b>					
OBSERVER: <b>N/A</b>			LANDING TIME: <b>0745</b>		AIRCRAFT NUMBER: <b>055</b>					
<b>FILM BADGE</b>			<b>CREW EXPOSURE DATA</b>			<b>DOSIMETER</b>				
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING		
PILOT	<b>712009</b>	<b>625</b>	<b>712090</b>	<b>640</b>						
OBSERVER										
DATA CARDS										
CODE	INFORMATION			PENETRATION						
A	PASS NUMBER			1	2	3	4	5	6	7
B	ALTITUDE (1000')			<b>29</b>	<b>30</b>					
C	PENETRATION TIME (LOCAL)			<b>0716:5</b>	<b>0723:5</b>					
D'	PEAK CLOUD INTENSITY (R/HR)			<b>13</b>	<b>12</b>					
D''	AVERAGE CLOUD INTENSITY (R/HR)			<b>8</b>	<b>8</b>					
E	TIME IN CLOUD (MIN) <del>0800</del>			<b>8</b>	<b>6</b>					
F	EXPOSURE (INTEGRON IN R)			<b>.38</b>	<b>.71</b>					
G	COCKPIT BACKGROUND (R/HR)			<b>.3</b>	<b>.5</b>					
H	SAMPLE READING (WTIC IN R/HR)			<b>17</b>	<b>28</b>					
I	SQUEEGEE ON (YES OR NO)			<b>No</b>	<b>No</b>					
	INDICATED AIR SPEED (MPH)			<b>280</b>	<b>290/ 260</b>					
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)				<b>0.4</b>						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)				<b>.9</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)				<b>22</b>						
TIME LANDING READINGS TAKEN				<b>0750</b>						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:				
EXPERIMENTAL FILM BADGES										
CANOPY			INTEGRON							
NUMBER	READING		NUMBER	READING						
<b>712129</b>	<b>1160</b>		<b>712130</b>	<b>955</b>						



AIRCRAFT DATA FORM					SHIP/TITLE: Boltzari					
PILOT: 1			TAKEOFF TIME: 0630		SAMPLER CODE: Tiger Red I					
OBSERVER: N/A			LANDING TIME: 0720		AIRCRAFT NUMBER: C58					
FILM RANGE			CREW EXPOSURE DATA				DOSIMETER			
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING		
PILOT	712088	655	712087	720				7.2		
OBSERVER								.9		
DATA CARDS										
CODE	INFORMATION			PENETRATION						
A	PASS NUMBER			1	2	3	4	5	6	7
B	ALTITUDE (1000')			22	25	23	25	25	26	
C	PENETRATION TIME (LOCAL)			0710	0715	0720	0724	0727	0731	
D'	PEAK CLOUD INTENSITY (R/HR)			4	10	6	10	8	8	
D''	AVERAGE CLOUD INTENSITY (R/HR)			.2	6	3	6	5	5	
E	TIME IN CLOUD (MIN & SEC)			2:20	2:50	1:50	1:30	2:00	2:50	
F	EXPOSURE (INTEGRON IN R)			.2	.3	.3	.75	.65	.8	
G	COCKPIT BACKGROUND (R/HR)			.2	.2	.4	.4	.4	.6	
H	SAMPLE READING (WTIC IN R/HR)			4	6	7.8	12	20	22	
I	SQUEEGEE ON (YES OR NO)			No	No	No	No	No	No	
	INDICATED AIR SPEED (MPH)			280	270	285	260	250	270	
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)				2.5						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)				.9						
SAMPLE READING ON LANDING (WTIC IN R/HR)				20						
TIME LANDING READINGS TAKEN				0750						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:				
EXPERIMENTAL FILM BADGES										
CANOPY				INTEGRON						
NUMBER		READING		NUMBER		READING				
712123		1160		712124		1040				

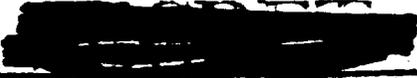




AIRCRAFT DATA FORM (AFR 190-16)						SHOT TITLE: <b>Boj 721h</b>			
PILOT:			TAKEOFF TIME: <b>0630</b>			SAMPLER CODE: <b>Tlex Red II</b>			
OBSERVER: <b>N/A</b>			LANDING TIME: <b>0720</b>			AIRCRAFT NUMBER: <b>1045</b>			
<b>FILM BADGE</b>			<b>CREW EXPOSURE DATA</b>			<b>DOSIMETER</b>			
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING	
PILOT	<b>712075</b>	<b>830</b>	<b>712076</b>	<b>625</b>	<b>None</b>				
OBSERVER									
DATA CARDS									
CODE	INFORMATION				PENETRATION				
A	PASS NUMBER				1	2	3	4	5
B	ALTITUDE (1000')				<b>22</b>	<b>26</b>	<b>23</b>	<b>24</b>	<b>25</b>
C	PENETRATION TIME (LOCAL)				<b>09</b>	<b>13</b>	<b>15</b>	<b>21</b>	<b>26</b>
D'	PEAK CLOUD INTENSITY (R/HR)				<b>6</b>	<b>12</b>	<b>6</b>	<b>8</b>	<b>9</b>
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>2</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>4</b>
E	TIME IN CLOUD (MIN & SEC)				<b>2:20</b>	<b>1:30</b>	<b>1:05</b>	<b>2:05</b>	<b>2:00</b>
F	EXPOSURE (INTEGRON IN R)				<b>.15</b>	<b>.25</b>	<b>.22</b>	<b>.5</b>	<b>.9</b>
G	COCKPIT BACKGROUND (R/HR)				<b>.05</b>	<b>.1</b>	<b>.2</b>	<b>.25</b>	<b>.45</b>
H	SAMPLE READING (WTIC IN R/HR)				<b>.33</b>	<b>.35</b>	<b>.72</b>	<b>140</b>	<b>240</b>
I	SQUEEGEE ON (YES OR NO)				<b>No</b>	<b>No</b>	<b>So</b>	<b>No</b>	<b>No</b>
	INDICATED AIR SPEED (MPH)				<b>330</b>	<b>270</b>	<b>285</b>	<b>260</b>	<b>280</b>
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) <b>.3</b>									
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) <b>1.1</b>									
SAMPLE READING ON LANDING (WTIC IN R/HR) <b>200</b>									
TIME LANDING READINGS TAKEN <b>0748</b>									
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:			
EXPERIMENTAL FILM BADGES									
CANOPY				INTEGRON					
NUMBER	READING			NUMBER	READING				
<b>712125</b>	<b>1020</b>			<b>712126</b>	<b>675</b>				



<b>AIRCRAFT DATA FORM</b>						SHOT TITLE: <b>Beltman</b>					
PILOT:			TAKEOFF TIME: <b>0615</b>			SAMPLER CODE: <b>Hot Shot II</b>					
OBSERVER:			LANDING TIME: <b>0710</b>			AIRCRAFT NUMBER: <b>1901</b>					
<b>FILM BADGES</b>			<b>CREW EXPOSURE DATA</b>			<b>DOSIMETER</b>					
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>712082</b>	<b>845</b>	<b>712081</b>	<b>1000</b>	<b>None</b>						
OBSERVER	<b>712083</b>	<b>1060</b>	<b>712084</b>	<b>840</b>	<b>0-20619</b>	<b>off scale</b>	<b>0-206795</b>	<b>1 R</b>			
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>27</b>	<b>20</b>	<b>29</b>	<b>28</b>			
C	PENETRATION TIME (LOCAL)				<b>45/55</b>	<b>47/00</b>	<b>49/15</b>	<b>50/45</b>			
D'	PEAK CLOUD INTENSITY (R/HR)				<b>14</b>	<b>30</b>	<b>25</b>	<b>28</b>			
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>8</b>	<b>15</b>	<b>15</b>	<b>20</b>			
E	TIME IN CLOUD ( <del>MIN</del> SEC)				<b>65</b>	<b>60</b>	<b>30</b>	<b>65</b>			
F	EXPOSURE (INTEGRON IN R)				<b>.15</b>	<b>.4</b>	<b>.6</b>	<b>.85</b>			
G	COCKPIT BACKGROUND (R/HR)				<b>0</b>	<b>1</b>	<b>1</b>	<b>1.0</b>			
H	SAMPLE READING (WTIC IN R/HR)				<b>15</b>	<b>20</b>	<b>25</b>	<b>29</b>			
I	SQUEEGEE ON (YES OR NO)				<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>			
	INDICATED AIR SPEED (MPH)				<b>280</b>	<b>280</b>	<b>240</b>	<b>285</b>			
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)					<b>.55</b>						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)					<b>1.1</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)					<b>26</b>						
TIME LANDING READINGS TAKEN					<b>0711</b>						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:					
<b>EXPERIMENTAL FILM BADGES</b>											
<b>CANOPY</b>						<b>INTEGRON</b>					
NUMBER			READING			NUMBER			READING		
<b>712114</b>			<b>1740</b>			<b>712115</b>			<b>1140</b>		



AIRCRAFT DATA FORM (AED 100-16)		SHOT TITLE: <b>Beltman</b>
PILOT:	TAKEOFF TIME: <b>0605</b>	SAMPLER CODE: <b>Hot Shot I</b>
OBSERVER:	LANDING TIME: <b>0700</b>	AIRCRAFT NUMBER: <b>21502</b>

	FILM BADGE		CREW EXPOSURE DATA				CONTAINER NO. K01706	
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	<b>712067</b>	<b>1500</b>	<b>712068</b>	<b>1300</b>	<b>K01706</b>	<b>OFF SCALC</b>		
OBSERVER	<b>712062</b>	<b>2140</b>	<b>712061</b>	<b>2200</b>				

CODE	INFORMATION	PENETRATION						
		1	2	3	4	5	6	7
A	PASS NUMBER							
B	ALTITUDE (1000')	<b>32</b>	<b>31</b>	<b>31</b>	<b>31</b>	<b>31</b>		
C	PENETRATION TIME (LOCAL)	<b>0630</b>	<b>0631</b>	<b>0634</b>	<b>0637</b>	<b>0639</b>		
D'	PEAK CLOUD INTENSITY (R/HR)	<b>5</b>	<b>11</b>	<b>18</b>	<b>16</b>	<b>19</b>		
D''	AVERAGE CLOUD INTENSITY (R/HR)	<b>.4</b>	<b>.8</b>	<b>15</b>	<b>13</b>	<b>16</b>		
E	TIME IN CLOUD (SEC)	<b>90</b>	<b>20</b>	<b>120</b>	<b>70</b>	<b>80</b>		
F	EXPOSURE (INTEGRON IN R)	<b>.2</b>	<b>.3</b>	<b>.7</b>	<b>.9</b>	<b>1.1</b>		
G	COCKPIT BACKGROUND (R/HR)	<b>3</b>	<b>4</b>	<b>6</b>	<b>8</b>	<b>12</b>		
H	SAMPLE READING (WTIC IN R/HR)	<b>20</b>	<b>19</b>	<b>40</b>	<b>30</b>	<b>50</b>		
I	SQUEEGEE ON (YES OR NO)	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>		
	INDICATED AIR SPEED (MPH)	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>		

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) **.40**

TOTAL EXPOSURE ON LANDING (INTEGRON IN R) **1.98**

SAMPLE READING ON LANDING (WTIC IN R/HR) **32**

TIME LANDING READINGS TAKEN **0708**

LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PILOT: <b>Kimball</b>	OBSERVER: <b>Trapp</b>
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CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
<b>712120</b>	<b>2685</b>	<b>712121</b>	<b>1760</b>



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FILTER RECOVERY DATA COLLECTION SHEET (AFR 150-16)

SHOT TITLE: Boltzman

SHOT TIME: 0455

TAKEN BY

CHECK TIME:

0515-20 min, 0545-50 min, ~~0615-110 min~~ 0645-110 min, 0715-140 min, 0745-170 min,

0830-215 min

	A/C - SAMPLE	READING TIME	READING R./HR	ELAPSED TIME	FISSIONS	AGENCY	REPRESENTATIVE
	A	B	C	D	E	F	G
1	502-R-1	0715	5.0	140	7.8 X 10 <sup>15</sup>	5.85	Hot 1
2	502-R-2	0717	4.8	142	7.4 X 10 <sup>15</sup>	5.55	
3	502-L-1	0722	4.7	147	7.6 X 10 <sup>15</sup>	5.77	
4	502-L-2	0724	4.1	149	6.8 X 10 <sup>15</sup>	5.10	
5	501-L-1	0729	3.0	154	5.1 X 10 <sup>15</sup>	4.05	Hot 2
6	501-L-2	0731	2.7	156	4.8 X 10 <sup>15</sup>	3.60	
7	501-R-1	0739	2.8	164	5.2 X 10 <sup>15</sup>	3.90	Hot 2
8	501-R-2	0741	2.4	166	4.6 X 10 <sup>15</sup>	3.45	
9	055-L	0801	1.6	186	3.3 X 10 <sup>15</sup>		WI
10	055-R	0807	2.2	192	5.2 X 10 <sup>15</sup>		
11	051-L	0812	1.8	197	4.1 X 10 <sup>15</sup>		WZ
12	051-R	0814	1.6	199	3.7 X 10 <sup>15</sup>		

NOTES:

Flyway #I C-47, Ser #49010, to LASL

Flyway #II, C-47, Ser #0-315281, to LASL

Line

Line

Line

FOR OFFICIAL USE ONLY

PRIVACY ACT MATERIAL REMOVED

PRIVACY ACT MATERIAL REMOVED

FOR OFFICIAL USE ONLY

FILTER RECOVERY DATA COLLECTION SHEET (16-590-16)

SHOT TITLE: Boltzman

SHOT TIME: 0455 TAKEN BY

CHECK TIME: 0515-20 min, 0545-50 min, 0645-110 min, 0715-110 min, 0745-170 min, 0830-215 min

	A/C - SAMPLE	READING TIME	READING R./HR	ELAPSED TIME	FISSIONS	AGENCY	REPRESENTATIVE
	A	B	C	D	E	F	G
1	053-L	0819	1.95	204	4.8 X 10 <sup>15</sup>		Red 1
2	053-R	0822	2.0	297	4.9 X 10 <sup>15</sup>		
3	046-L	0827	1.8	212	4.6 X 10 <sup>15</sup>		Red 2
4	046-R	0830	1.8	215	4.6 X 10 <sup>15</sup>		
5							
6							
7							
8							
9							
10							
11							
12							

NOTES: Flyway #III, C-47, Ser. #0-315274 (1 box to AFCAT-1, McClellan)

Line

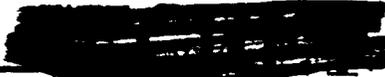
Line

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PRIVACY ACT MATERIAL REMOVED







<b>AIRCRAFT DATA FORM (AFF 190-1A)</b>		SHOT TITLE: <b>Owens</b>
PILOT:	TAKEOFF TIME: <b>0730</b>	SAMPLER CODE: <b>Tiger II</b>
OBSERVER:	LANDING TIME: <b>0815</b>	AIRCRAFT NUMBER: <b>046</b>

FILM BADGE		CREW EXPOSURE DATA						
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	<b>732742</b>	<b>1060</b>	<b>732742</b>	<b>1020</b>				
OBSERVER								

DATA CARDS								
CODE	INFORMATION	PENETRATION						
		1	2	3	4	5	6	7
A	PASS NUMBER							
B	ALTITUDE (1000')	<b>29</b>	<b>30</b>					
C	PENETRATION (LOCAL)	<b>0757</b>	<b>0803</b>					
D'	PEAK CLOUD INTENSITY (R/HR)	<b>45</b>	<b>35</b>					
D''	AVERAGE CLOUD INTENSITY (R/HR)	<b>30</b>	<b>30</b>					
E	TIME IN CLOUD (MIN & SEC)	<b>120</b>	<b>130</b>					
F	EXPOSURE (INTEGRON IN R)	<b>.2</b>	<b>1.1</b>					
G	COCKPIT BACKGROUND (R/HR)	<b>.5</b>	<b>XX1.5</b>					
H	SAMPLE READING (WTIC IN R/HR)	<b>12</b>	<b>30</b>					
I	SQUEEGEE ON (YES OR NO)	<b>No</b>	<b>No</b>					
	INDICATED AIR SPEED <del>XXXX</del> <b>Knots</b>	<b>310</b>						

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) **1.3**

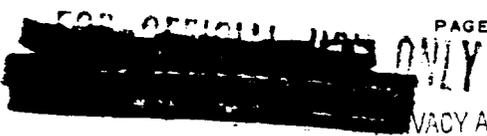
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) **1.5**

SAMPLE READING ON LANDING (WTIC IN R/HR) **40**

TIME LANDING READINGS TAKEN **0820**

LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PILOT:	OBSERVER:
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EXPERIMENTAL FILM BADGES			
CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
<b>733901</b>	<b>2340</b>	<b>733902</b>	<b>1800</b>



<b>AIRCRAFT DATA FORM</b> (AFR 190-16)					SHOT TITLE: <b>Owens</b>						
PILOT:			TAKEOFF TIME: <b>0745</b>		SAMPLER CODE: <b>Tiger IV</b>						
OBSERVER:			LANDING TIME: <b>0840</b>		AIRCRAFT NUMBER: <b>055</b>						
<b>FILM BADGE</b>					<b>CREW EXPOSURE DATA</b>						
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>732766</b>	<b>450</b>	<b>732767</b>	<b>430</b>							
OBSERVER											
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>23/24</b>						
C	PENETRATION TIME (LOCAL)				<b>0819</b>						
D'	PEAK CLOUD INTENSITY (R/HR)				<b>12</b>						
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>3</b>						
E	TIME IN CLOUD (MIN & SEC)				<b>12:</b>						
F	EXPOSURE (INTEGRON IN R)				<b>.5</b>						
G	COCKPIT BACKGROUND (R/HR)				<b>.2</b>						
H	SAMPLE READING (WTIC IN R/HR)				<b>36</b>						
I	SQUEEGEE ON (YES OR NO)				<b>No</b>						
	INDICATED AIR SPEED <del>250</del> <b>Knots</b>				<b>300</b>						
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)					<b>.6</b>						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)					<b>.65</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)					<b>32</b>						
TIME LANDING READINGS TAKEN					<b>0845</b>						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:		OBSERVER:						
<b>EXPERIMENTAL FILM BADGES</b>											
<b>CANOPY</b>					<b>INTEGRON</b>						
NUMBER		READING			NUMBER		READING				
<b>733326</b>		<b>1140</b>			<b>733327</b>		<b>860</b>				

<b>AIRCRAFT DATA FORM (AFR 190-16)</b>		SHOT TITLE: <b>Ovres</b>						
PILOT:		TAKEOFF TIME: <b>0725</b>	SAMPLER CODE: <b>Tiger I</b>					
OBSERVER:		LANDING TIME: <b>0755</b>	AIRCRAFT NUMBER: <b>043</b>					
<b>FILM BADGE</b>		<b>CREW EXPOSURE DATA</b>						
	NUMBER	READING	NUMBER					
PILOT	<b>724395</b>	<b>1000</b>	<b>724396</b>					
OBSERVER								
<b>DATA CARDS</b>								
CODE	INFORMATION	PENETRATION						
A	PASS NUMBER	1	2	3	4	5	6	7
B	ALTITUDE (1000')	<b>1</b>						
C	PENETRATION TIME (LOCAL)	<b>0745</b>						
D'	PEAK CLOUD INTENSITY (R/HR)	<b>100</b>						
D''	AVERAGE CLOUD INTENSITY (R/HR)	<b>50</b>						
E	TIME IN CLOUD (MIN & SEC)	<b>140</b>						
F	EXPOSURE (INTEGRON IN R)	<b>1.1</b>						
G	COCKPIT BACKGROUND (R/HR)	<b>2.5</b>						
H	SAMPLE READING (WTIC IN R/HR)	<b>60</b>						
I	SQUEEGEE ON (YES OR NO)	<b>No</b>						
	INDICATED AIR SPEED <del>290</del> <b>Knots</b>	<b>290</b>						
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)		<b>1.5</b>						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)		<b>1.5</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)		<b>50</b>						
TIME LANDING READINGS TAKEN		<b>0800</b>						
LEAD VEST:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PILOT:	OBSERVER:					
<b>EXPERIMENTAL FILM BADGES</b>								
CANOPY				INTEGRON				
NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING	
<b>733199</b>	<b>2340</b>	<b>733300</b>	<b>1760</b>					

~~CONFIDENTIAL~~

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<b>AIRCRAFT DATA FORM</b> (AFR 190-181)						SHOT TITLE: <b>Omega</b>					
PILOT:			TAKEOFF TIME: <b>0725</b>			SAMPLER CODE: <b>Tiger III</b>					
OBSERVER:			LANDING TIME: <b>0825</b>			AIRCRAFT NUMBER: <b>054</b>					
<b>FILM BADGE</b>			<b>CREW EXPOSURE DATA</b>								
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>732772</b>	<b>640</b>	<b>732773</b>	<b>675</b>							
OBSERVER											
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>27</b>	<b>26.5</b>	<b>26</b>				
C	PENETRATION TIME (LOCAL)				<b>0808</b>	<b>0809</b>	<b>0811</b>				
D'	PEAK CLOUD INTENSITY (R/HR)				<b>30</b>	<b>45</b>	<b>45</b>				
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>15</b>	<b>20</b>	<b>20</b>				
E	TIME IN CLOUD (MIN & SEC)				<b>1:40</b>	<b>1:10</b>	<b>1:50</b>				
F	EXPOSURE (INTEGRON IN R)				<b>.2</b>	<b>.55</b>	<b>.8</b>				
G	COCKPIT BACKGROUND (R/HR)				<b>.3</b>	<b>.6</b>	<b>.1</b>				
H	SAMPLE READING (WTIC IN R/HR)				<b>8</b>	<b>16</b>	<b>25</b>				
I	SQUEEGEE ON (YES OR NO)				<b>No</b>	<b>No</b>	<b>No</b>				
	INDICATED AIR SPEED <del>KT</del>				<b>380</b>	<b>390</b>	<b>380</b>				
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) <b>.8</b>											
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) <b>1.12</b>											
SAMPLE READING ON LANDING (WTIC IN R/HR) <b>21</b>											
TIME LANDING READINGS TAKEN <b>0827</b>											
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				PILOT:				OBSERVER:			
<b>EXPERIMENTAL FILM BADGES</b>											
<b>CANOPY</b>						<b>INTEGRON</b>					
NUMBER			READING			NUMBER			READING		
<b>733334</b>			<b>1460</b>			<b>733335</b>			<b>1100</b>		

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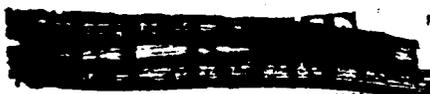
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<b>AIRCRAFT DATA FORM</b> (AFR 190-16)						SHOT TITLE: <b>Owens</b>					
PILOT:			TAKEOFF TIME: <b>0755</b>			SAMPLER CODE: <b>Tiger V</b>					
OBSERVER:			LANDING TIME: <b>0851</b>			AIRCRAFT NUMBER: <b>051</b>					
<b>FILM BADGE</b>				<b>CREW EXPOSURE DATA</b>							
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>732770</b>	<b>525</b>	<b>732771</b>	<b>550</b>							
OBSERVER											
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>32</b>	<b>32/34</b>					
C	PENETRATION TIME (LOCAL)				<b>0830</b>	<b>0833</b>					
D'	PEAK CLOUD INTENSITY (R/HR)				<b>25</b>	<b>25</b>					
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>10</b>	<b>10</b>					
E	TIME IN CLOUD (MIN & SEC)				<b>1:</b>	<b>4:</b>					
F	EXPOSURE (INTEGRON IN R)				<b>.2</b>	<b>.5</b>					
G	COCKPIT BACKGROUND (R/HR)				<b>.5</b>	<b>1</b>					
H	SAMPLE READING (WTIC IN R/HR)				<b>5</b>	<b>18</b>					
I	SQUEEGEE ON (YES OR NO)				<b>No</b>	<b>No</b>					
	INDICATED AIR SPEED <del>(KTS)</del> <b>Knots</b>				<b>270</b>	<b>200</b> <b>270</b>					
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) <b>.7</b>											
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) <b>.85</b>											
SAMPLE READING ON LANDING (WTIC IN R/HR) <b>18-30</b>											
TIME LANDING READINGS TAKEN <b>0855</b>											
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				PILOT:				OBSERVER:			
<b>EXPERIMENTAL FILM BADGES</b>											
<b>CANOPY</b>						<b>INTEGRON</b>					
NUMBER			READING			NUMBER			READING		
<b>733330</b>			<b>1200</b>			<b>733331</b>			<b>890</b>		





<b>AIRCRAFT DATA FORM</b>						SHOT TITLE: <b>Kepler</b>					
PILOT:			TAKEOFF TIME: <b>0610</b>			SAMPLER CODE: <b>Tiger Red I</b>					
OBSERVER:			LANDING TIME: <b>0656</b>			AIRCRAFT NUMBER: <b>043</b>					
<b>FILM BADGE</b>				<b>CREW EXPOSURE DATA</b>							
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>732722</b>	<b>610</b>	<b>732723</b>	<b>580</b>							
OBSERVER											
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>21.7</b>	<b>21.5</b>					
C	PENETRATION TIME (LOCAL)				<b>0639:43</b>	<b>0645:46</b>					
D'	PEAK CLOUD INTENSITY (R/HR)				<b>13</b>	<b>11</b>					
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>9</b>	<b>9</b>					
E	TIME IN CLOUD (MIN & SEC)				<b>4:</b>	<b>1:15</b>					
F	EXPOSURE (INTEGRON IN R)				<b>.5</b>	<b>.75</b>					
G	COCKPIT BACKGROUND (R/HR)				<b>.6</b>	<b>.7</b>					
H	SAMPLE READING (WTIC IN R/HR)				<b>31</b>	<b>39</b>					
I	SQUEEGEE ON (YES OR NO)				<b>No</b>	<b>No</b>					
	INDICATED AIR SPEED <del>XXXX</del> <b>Knots</b>				<b>280</b>	<b>280</b>					
COCKPIT INTENSITY ON LANDING (R/SCEL IN R/HR) <b>.4</b>											
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) <b>.9</b>											
SAMPLE READING ON LANDING (WTIC IN R/HR) <b>34</b>											
TIME LANDING READINGS TAKEN <b>0700</b>											
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				PILOT:				OBSERVER:			
<b>EXPERIMENTAL FILM BADGES</b>											
<b>CANOPY</b>						<b>INTEGRON</b>					
NUMBER			READING			NUMBER			READING		
<b>733153</b>			<b>1340</b>			<b>733154</b>			<b>1060</b>		



AIRCRAFT DATA FORM						COT TITLE: <b>Kepler</b>			
PILOT:			TAKEOFF TIME: <b>0635</b>			SAMPLER CODE: <b>Tiger white I</b>			
OBSERVER:			LANDING TIME: <b>0725</b>			AIRCRAFT NUMBER: <b>046</b>			
<b>PILOT BADGE</b>			<b>CREW EXPOSURE DATA</b>						
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING	
PILOT	<b>732728</b>	<b>550</b>	<b>732729</b>	<b>535</b>					
OBSERVER									
DATA CARDS									
CODE	INFORMATION				PENETRATION				
A	PASS NUMBER				1	2	3	4	5
B	ALTITUDE (1000')				<b>17.5</b>	<b>17.6</b>	<b>17.4</b>	<b>17.5</b>	<b>17.5</b>
C	PENETRATION TIME (LOCAL)				<b>0656</b>	<b>0659</b>	<b>0703</b>	<b>0707</b>	<b>0712</b>
D'	PEAK CLOUD INTENSITY (R/HR)				<b>4</b>	<b>4.5</b>	<b>6</b>	<b>4</b>	<b>4</b>
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>2.5</b>	<b>2</b>	<b>2.5</b>	<b>2</b>	<b>2.5</b>
E	TIME IN CLOUD (MIN & SEC)				<b>2:10</b>	<b>2:10</b>	<b>2:10</b>	<b>2:10</b>	<b>2:15</b>
F	EXPOSURE (INTEGRON IN R)				<b>.1</b>	<b>.25</b>	<b>.4</b>	<b>.5</b>	<b>.65</b>
G	COCKPIT BACKGROUND (R/HR)				<b>.3</b>	<b>.5</b>	<b>.8</b>	<b>.8</b>	<b>.85</b>
H	SAMPLE READING (WTIC IN R/HR)				<b>13</b>	<b>22</b>	<b>28</b>	<b>34</b>	<b>38</b>
I	SQUEEGEE ON (YES OR NO)				<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>
	INDICATED AIR SPEED <del>XXXX</del> <b>Knots</b>				<b>360</b>	<b>350</b>	<b>370</b>	<b>380</b>	<b>390</b>
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)					<b>.7</b>				
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)					<b>.9</b>				
SAMPLE READING ON LANDING (WTIC IN R/HR)					<b>32</b>				
TIME LANDING READINGS TAKEN					<b>0728</b>				
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:			
EXPERIMENTAL FILM BADGES									
CANOPY				INTEGRON					
NUMBER	READING			NUMBER	READING				
<b>733157</b>	<b>1300</b>			<b>733158</b>	<b>1000</b>				



**AIRCRAFT DATA FORM**

SHOT TITLE: **Kepler**

PILOT:	TAKEOFF TIME: <b>0615</b>	SAMPLER CODE: <b>Tiger Red II</b>
OBSERVER:	LANDING TIME: <b>0656</b>	AIRCRAFT NUMBER: <b>049</b>

FISH BADGE		CREW EXPOSURE DATA							
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING	
PILOT	<del>732725</del> <b>732725</b>	<b>735</b>	<b>732725</b>	<b>770</b>					
OBSERVER									

DATA CARDS									
CODE	INFORMATION	PENETRATION							
		1	2	3	4	5	6	7	
A	PASS NUMBER								
B	ALTITUDE (1000')	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>				
C	PENETRATION TIME (LOCAL)	<b>0637</b>	<b>0639</b>	<b>0643</b>	<b>0646</b>				
D'	PEAK CLOUD INTENSITY (R/HR)	<b>13</b>	<b>14</b>	<b>19</b>	<b>20</b>				
D''	AVERAGE CLOUD INTENSITY (R/HR)	<b>1.5</b>	<b>3</b>	<b>9</b>	<b>10</b>				
E	TIME IN CLOUD (MIN & SEC)	<b>1:45</b>	<b>2:10</b>	<b>1:30</b>	<b>1:45</b>				
F	EXPOSURE (INTEGRON IN R)	<b>.11</b>	<b>.43</b>	<b>.7</b>	<b>1.0</b>				
G	COCKPIT BACKGROUND (R/HR)	<b>.5</b>	<b>.9</b>	<b>.7</b>	<b>.7</b>				
H	SAMPLE READING (WTIC IN R/HR)	<b>22</b>	<b>26</b>	<b>34</b>	<b>43</b>				
I	SQUEEGEE ON (YES OR NO)	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>				
	INDICATED AIR SPEED <del>280</del> <b>Knots</b>	<b>280</b>	<b>280</b>	<b>280</b>	<b>280</b>				

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) **.58**

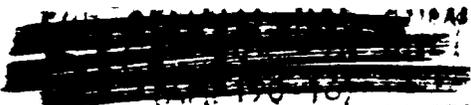
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) **1.2**

SAMPLE READING ON LANDING (WTIC IN R/HR) **30**

TIME LANDING READINGS TAKEN **0700**

LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PILOT:	OBSERVER:
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EXPERIMENTAL FILM BADGES			
CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
<b>732155</b>	<b>1520</b>	<b>732156</b>	<b>1420</b>



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AIRCRAFT DATA FORM					SHOT TITLE: <b>Kepler</b>	
PILOT:			TAYED (FORM 6) <b>0635</b>		SAMPLER CODE: <b>Hot Shot II</b>	
OBSERVER:			LANDING TIME: <b>0753</b>		AIRCRAFT NUMBER: <b>500</b>	
<b>FILM BADGE</b>			<b>CREW EXPOSURE DATA</b>			
	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	<b>732744</b>	<b>800</b>	<b>732743</b>	<b>640</b>		
OBSERVER	<b>732733</b>	<b>690</b>	<b>732732</b>	<b>550</b>		
<b>DATA CARDS</b>						
CODE	INFORMATION			PENETRATION		
A	PASS NUMBER			1	2	3
B	ALTITUDE (1000')			<b>20</b>	<b>20</b>	<b>18</b>
C	PENETRATION TIME (LOCAL)			<b>0715</b>	<b>0720</b>	<b>0726</b>
D'	PEAK CLOUD INTENSITY (R/HR)			<b>9.5</b>	<b>9.2</b>	<b>1.7</b>
D''	AVERAGE CLOUD INTENSITY (R/HR)			<b>8</b>	<b>8.5</b>	<b>1.5</b>
E	TIME IN CLOUD (MIN & SEC)			<b>1:40</b>	<b>2:40</b>	<b>1:20</b>
F	EXPOSURE (INTEGRON IN R)			<b>.1</b>	<b>.45</b>	<b>.5</b>
G	COCKPIT BACKGROUND (R/HR)			<b>.24</b>	<b>.23</b>	<b>.275</b>
H	SAMPLE READING (WTIC IN R/HR)			<b>4</b>	<b>17</b>	<b>17</b>
I	SQUEEGEE ON (YES OR NO)			<b>No</b>	<b>No</b>	<b>No</b>
	INDICATED AIR SPEED <del>XXXX</del> <b>Knots</b>			<b>307</b>	<b>316</b>	<b>300</b>
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)				<b>.3</b>		
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)				<b>.71</b>		
SAMPLE READING ON LANDING (WTIC IN R/HR)				<b>18</b>		
TIME LANDING READINGS TAKEN				<b>0756</b>		
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:		OBSERVER:	
<b>EXPERIMENTAL FILM BADGES</b>						
<b>CANOPY</b>			<b>INTEGRON</b>			
NUMBER	READING		NUMBER	READING		
<b>733195</b>	<b>1300</b>		<b>733196</b>	<b>845</b>		

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AIRCRAFT DATA FORM						SHOT TITLE:				
PILOT:			TAKEOFF TIME: <b>0550</b>			SAMPLER CODE: <b>Hotshot 1</b>				
OBSERVER:			LANDING TIME: <b>0637</b>			AIRCRAFT NUMBER: <b>502</b>				
FILM BADGE			CREW EXPOSURE DATA							
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING		
PILOT	<b>732719</b>	<b>955</b>	<b>732718</b>	<b>845</b>						
OBSERVER	<b>732720</b>	<b>830</b>	<b>732721</b>	<b>940</b>						
DATA CARDS										
CODE	INFORMATION			PENETRATION						
A	PASS NUMBER			1	2	3	4	5	6	7
B	ALTITUDE (1000')			<b>21</b>	<b>18</b>	<b>18</b>				
C	PENETRATION TIME (LOCAL)			<b>0623</b>	<b>0625</b>	<b>0629</b>				
D'	PEAK CLOUD INTENSITY (R/HR)			<b>60</b>	<b>20</b>	<b>30</b>				
D''	AVERAGE CLOUD INTENSITY (R/HR)			<b>50</b>	<b>15</b>	<b>20</b>				
E	TIME IN CLOUD (MIN & SEC)			<b>1:45</b>	<b>1:22</b>	<b>1:50</b>				
F	EXPOSURE (INTEGRON IN R)			<b>.3</b>	<b>.7</b>	<b>.91</b>				
G	COCKPIT BACKGROUND (R/HR)			<b>.1</b>	<b>.4</b>	<b>.9</b>				
H	SAMPLE READING (WTIC IN R/HR)			<b>18</b>	<b>60</b>	<b>72</b>				
I	SQUEEGEE ON (YES OR NO)			<b>No</b>	<b>No</b>	<b>No</b>				
	INDICATED AIR SPEED ( <del>XXX</del> <b>Knots</b> )			<b>370</b>	<b>380</b>	<b>380</b>				
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)				<del>XXX</del> <b>.87</b>						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)				<b>1.1</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)				<b>62</b>						
TIME LANDING READINGS TAKEN				<b>0640</b>						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:				
EXPERIMENTAL FILM BADGES										
CANOPY			INTEGRON							
NUMBER	READING		NUMBER	READING						
<b>733151</b>	<b>1800</b>		<b>733152</b>	<b>1340</b>						

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AIRCRAFT DATA FORM <b>FORM 190-107</b>						SHOT TITLE: <b>Kepler</b>					
PILOT:			TAKEOFF TIME: <b>0640</b>			SAMPLER CODE: <b>Tiger White II</b>					
OBSERVER:			LANDING TIME: <b>0730</b>			AIRCRAFT NUMBER: <b>053</b>					
<b>FILM BADGE</b>			<b>CREW EXPOSURE DATA</b>								
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>732727</b>	<b>675</b>	<b>732726</b>	<b>550</b>							
OBSERVER											
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>		
C	PENETRATION TIME (LOCAL)				<b>0653</b>	<b>0657</b>	<b>0701</b>	<b>0705</b>	<b>0710</b>		
D'	PEAK CLOUD INTENSITY (R/HR)				<b>4</b>	<b>3.5</b>	<b>5</b>	<b>3</b>	<b>2.5</b>		
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>2</b>	<b>2.5</b>	<b>2.5</b>	<b>2</b>	<b>1.75</b>		
E	TIME IN CLOUD (MIN & SEC)				<b>2:</b>	<b>2:30</b>	<b>2:</b>	<b>1:30</b>	<b>1:20</b>		
F	EXPOSURE (INTEGRON IN R)				<b>.2</b>	<b>.25</b>	<b>.4</b>	<b>.5</b>	<b>.65</b>		
G	COCKPIT BACKGROUND (R/HR)				<b>.2</b>	<b>.35</b>	<b>.55</b>	<b>.55</b>	<b>.6</b>		
H	SAMPLE READING (WTIC IN R/HR)				<b>12</b>	<b>21</b>	<b>33</b>	<b>37</b>	<b>41</b>		
I	SQUEEGEE ON (YES OR NO)				<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>		
	INDICATED AIR SPEED <del>XXXX</del> <b>Knots</b>				<b>360</b>	<b>360</b>	<b>350</b>	<b>360</b>	<b>380</b>		
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)					<b>XXX</b>	<b>.5</b>					
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)					<b>.82</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)					<b>.34</b>						
TIME LANDING READINGS TAKEN					<b>0729</b>						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:					
<b>EXPERIMENTAL FILM BADGES</b>											
CANOPY				INTEGRON							
NUMBER	READING		NUMBER	READING							
<b>733159</b>	<b>1360</b>		<b>733160</b>	<b>985</b>							

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AIRCRAFT DATA FORM						SHOT TITLE: Priscilla		
PILOT:			TAKEOFF TIME: 0830			SAMPLER CODE: Net Shot III		
OBSERVER:			LANDING TIME: 0955			AIRCRAFT NUMBER: 496		
FILM BADGE		CREW EXPOSURE DATA				DOSIMETER		
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	725077	830	725078	830				
OBSERVER	725100	785	725101	815				
DATA CARDS								
CODE	DESCRIPTION	PENETRATION						
A	PASS NUMBER	1	2	3	4	5	6	7
B	ALTITUDE (1000')	31.5	33	31	33.5	32.5		
C	PENETRATION TIME (LOCAL)	0853.5	0856.5	0859	0905			
D'	PEAK CLOUD INTENSITY (R/HR)	15	17	10	12			
D''	AVERAGE CLOUD INTENSITY (R/HR)	8	12	5	5			
E	TIME IN CLOUD (MIN & SEC)	22'30"	1'5"	2"	3"			
F	EXPOSURE (INTEGRON IN R)	.2	.4	.6	.9			
G	COCKPIT BACKGROUND (R/HR)	1	.4	.5	.5			
H	SAMPLE READING (WTIC IN R/HR)	15	16	18	20			
I	SQUEEGEE ON (YES OR NO)	No	No	No	No			
	INDICATED AIR SPEED <del>290</del> Knts	290	290	290	290			
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) .4								
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) .95								
SAMPLE READING ON LANDING (WTIC IN R/HR) 18								
TIME LANDING READINGS TAKEN 0925								
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:		
EXPERIMENTAL FILM BADGES								
CANOPY				INTEGRON				
NUMBER	READING		NUMBER	READING				
725079	695		725080	520				

AIRCRAFT DATA FORM					SHOT TITLE:					
PILOT:			TAKEOFF TIME:		SAMPLE CODE:					
OBSERVER:			LANDING TIME:		AIRCRAFT NUMBER:					
CREW EXPOSURE DATA					DOSEMETER					
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING		
PILOT	725004	1240	725005	1300						
OBSERVER	725095	940	725096	1060						
DATA CARDS										
CODE	INFORMATION			PENETRATION						
A	PASS NUMBER			1	2	3	4	5	6	7
B	ALTITUDE (1000')			40						
C	PENETRATION TIME (LOCAL)			0812						
D'	PEAK CLOUD INTENSITY (R/HR)			40						
D''	AVERAGE CLOUD INTENSITY (R/HR)			20						
E	TIME IN CLOUD (MIN & SEC)			615						
F	EXPOSURE (INTEGRON IN R)			1.1						
G	COCKPIT BACKGROUND (R/HR)			1.5						
H	SAMPLE READING (WTIC IN R/HR)			29						
I	SQUEEGEE ON (YES OR NO)			No						
	INDICATED AIR SPEED (KTS)			205						
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)				.7						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)				2.4 Breaks from mount						
SAMPLE READING ON LANDING (WTIC IN R/HR)				32						
TIME LANDING READINGS TAKEN				0825						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:		OBSERVER:					
EXPERIMENTAL FILM BADGES										
CANOPY				INTEGRON						
NUMBER	READING			NUMBER	READING					
717924	2220			717925	1600					

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PRIVACY ACT MATERIAL REMOVED

AIRCRAFT DATA FORM (2011-170-14)

SHOT TITLE: **Priscilla**

PILOT: \_\_\_\_\_ TAKEOFF TIME: **0615** SAMPLER CODE: **Hot Shot II**

OBSERVER: \_\_\_\_\_ LANDING TIME: **0916** AIRCRAFT NUMBER: **495**

FILM BADGE		CREW EXPOSURE DATA				DOSIMETER		
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	<b>727973</b>	<b>675</b>	<b>727973</b>	<b>750</b>				
OBSERVER	<b>725117</b>	<b>No Reading</b>	<b>725116</b>	<b>800</b>				

DATA CARDS									
CODE	INFORMATION	PENETRATION							
A	PASS NUMBER	1	2	3	4	5	6	7	
B	ALTITUDE (1000')	<b>24</b>	<b>22</b>	<b>23</b>					
C	PENETRATION TIME (LOCAL)	<b>0835</b>	<b>0836</b>	<b>0840</b>					
D'	PEAK CLOUD INTENSITY (R/HR)	<b>10</b>	<b>10</b>	<b>15</b>					
D''	AVERAGE CLOUD INTENSITY (R/HR)	<b>7</b>	<b>7</b>	<b>6</b>					
E	TIME IN CLOUD (MIN & SEC)	<b>1:30</b>	<b>1:30</b>	<b>2:01</b>					
F	EXPOSURE (INTEGRON IN R)	<b>.1</b>	<b>.2</b>	<b>.7</b>					
G	COCKPIT BACKGROUND (R/HR)	<b>.5</b>	<b>.5</b>	<b>.4</b>					
H	SAMPLE READING (WTIC IN R/HR)	<b>10</b>	<b>12</b>	<b>34</b>					
I	SQUEEGEE ON (YES OR NO)	<b>No</b>							
	INDICATED AIR SPEED <b>221 Knots</b>	<b>330</b>	<b>330</b>	<b>330</b>					

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) **.4**

TOTAL EXPOSURE ON LANDING (INTEGRON IN R) **.75**

SAMPLE READING ON LANDING (WTIC IN R/HR) **32**

TIME LANDING READINGS TAKEN **0855**

LEAD VEST:  YES  NO

PILOT: \_\_\_\_\_ OBSERVER: \_\_\_\_\_

EXPERIMENTAL FILM BADGES			
CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
<b>725077</b>	<b>675</b>	<b>725078</b>	<b>350</b>





<b>AIRCRAFT DATA FORM (AFR 190-16)</b>						SHOT TITLE: <b>F-105 11a</b>					
PILOT:			TAKEOFF TIME: <b>0750</b>			SAMPLER CODE: <b>Tiger II</b>					
OBSERVER:			LANDING TIME: <b>0810</b>			AIRCRAFT NUMBER: <b>049</b>					
<b>PILOT DADGE</b>				<b>CREW EXPOSURE DATA</b>				<b>DOSIMETER</b>			
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>727901</b>	<b>595</b>	<b>727900</b>	<b>550</b>							
OBSERVER											
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>31</b>	<b>32</b> <b>90</b>					
C	PENETRATION TIME (LOCAL)				<b>0825</b>	<b>0828</b>					
D'	PEAK CLOUD INTENSITY (R/HR)				<b>20</b>	<b>12</b>					
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>8.9</b>	<b>4</b>					
E	TIME IN CLOUD (MIN & SEC)				<b>1:39</b>	<b>1:25</b>					
F	EXPOSURE (INTEGRON IN R)				<b>.25</b>	<b>.7</b>					
G	COCKPIT BACKGROUND (R/HR)				<b>.1</b>	<b>.3</b>					
H	SAMPLE READING (WTIC IN R/HR)				<b>27</b>	<b>23</b>					
I	SQUEEGEE ON (YES OR NO)				<b>NO</b>						
	INDICATED AIR SPEED (MPH)				<b>250</b>	<b>260</b>					
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)					<b>.2</b>						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)					<b>.75</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)					<b>16</b>						
TIME LANDING READINGS TAKEN					<b>02:17</b>						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:					
<b>EXPERIMENTAL FILM DADGES</b>											
<b>CANOPY</b>				<b>INTEGRON</b>							
NUMBER	READING			NUMBER	READING						
<b>725075</b>	<b>370</b>			<b>725076</b>	<b>415</b>						

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(AFR 190-16)

PRIVACY ACT MATERIAL REMOVED

FILTER RECOVERY DATA COLLECTION SHEET						SHOT TITLE: Priscilla	
SHOT TIME: 0630				TAKEN BY:			
CHECK TIME: 0930=180 min, 1000=210 min, 1030=240 min							
	A/C - SAMPLE	READING TIME	READING R/HR	ELAPSED TIME	FISSIONS	AGENCY	REPRESENTATIVE
	A	B	C	D	E	F	G
1	496-R <sub>1</sub> -1	0948	4.0	198	9.3x10 <sup>15</sup>	LASL	
2	<del>496-R<sub>1</sub>-2</del> 496-R <sub>1</sub> -2	0950	2.7	200	6.4x10 <sup>15</sup>	UCRL	
3	496-L <sub>1</sub> -1	0954	3.5	204	8.4x10 <sup>15</sup>	LASL	
4	496-L <sub>1</sub> -2	0955	3.2	205	7.7x10 <sup>15</sup>	LASL	
5	29825-R	1007	.6	217	1.6x10 <sup>15</sup>	AFOAT	
6	29825-L	100	<del>1.5</del> .5	220	1.3x10 <sup>15</sup>	LASL	
7	<del>35803-R</del> 35803-R	1014	<del>1.46</del> .46	224	1.3x10 <sup>15</sup>	AFOAT	
8	35803-L	1018	.43	228	1.3x10 <sup>15</sup>	LASL	
9							
10							
11							
12							
NOTES:							

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PRIVACY ACT MATERIAL REMOVED

FILTER RECOVERY DATA COLLECTION (AFR 190-16)						SHOT TITLE: Priscilla	
SHOT TIME: 0630				TAKEN BY			
CHECK TIME: 0730=60 min, 0800=90 min, 0830=120 min, 0900=150 min, 0930=180 min, 1000=210							
	A/C - SAMPLE	READING TIME	READING R/HR	ELAPSED TIME	FISSIONS	AGENCY	REPRESENTATIVE
	A	B	C	D	E	F	G
1	501-R-1-1	0853	3.7	143	$5.8 \times 10^{15}$	LASL	} 219X6
2	501-R-1-2	0856	3.4	146	$5.5 \times 10^{15}$	LASL	
3	501-L-1-1	0900	3.6	150	$6 \times 10^{15}$	LASL	
4	501-L-1-2	0902	2.7	152	$4.6 \times 10^{15}$	LASL	
5	054-R	0911	1.4	161	$2.5 \times 10^{15}$	LASL	
6	054-L	0914	1.4	164	$2.6 \times 10^{15}$	LASL	
7	049-R	0919	1.5	169	$2.8 \times 10^{15}$	LASL	
8	049-L	0923	1.2	173	$2.4 \times 10^{15}$	LASL	LA
9	502-R-1-1	0937	4.9	187	$1.1 \times 10^{16}$	LASL	} 3125
10	502-R-1-2	0939	3.7	189	$8.1 \times 10^{15}$	LASL	
11	502-L-1-1	0943	4.3	193	$9.7 \times 10^{15}$	LASL	
12	502-L-1-2	0944	3.3	194	$7.3 \times 10^{15}$	UCRL	
NOTES: LASL representatives: Arthur Miller, Charles Orth							

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PRIVACY ACT MATERIAL REMOVED

AIRCRAFT DATA FORM						SHOT TITLE: <b>Mood</b>			
PILOT:			TAKEOFF TIME: <b>0610</b>			SAMPLER CODE: <b>Tiger I</b>			
OBSERVER:			LANDING TIME: <b>0718</b>			AIRCRAFT NUMBER: <b>054</b>			
FILM BADGE		CREW EXPOSURE DATA				DOSIMETER			
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING	
PILOT	<b>727907</b>	<b>785</b>	<b>727908</b>	<b>785</b>					
OBSERVER									
DATA CARDS									
CODE	INFORMATION				PENETRATION				
A	PASS NUMBER				1	2	3	4	5
B	ALTITUDE (1000')				<b>31</b>	<b>30</b>			
C	PENETRATION TIME (LOCAL)				<b>0645</b>	<b>0655</b>			
D'	PEAK CLOUD INTENSITY (R/HR)				<b>20</b>	<b>10</b>			
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>15</b>	<b>7</b>			
E	TIME IN CLOUD (MIN & SEC)				<b>1:30</b>	<b>1:20</b>			
F	EXPOSURE (INTEGRON IN R)				<b>.4</b>	<b>.8</b>			
G	COCKPIT BACKGROUND (R/HR)				<b>.1</b>	<b>.5</b>			
H	SAMPLE READING (WTIC IN R/HR)				<b>4</b>	<b>14</b>			
I	SQUEEGEE ON (YES OR NO)				<b>Yes</b>	<b>Yes</b>			
	INDICATED AIR SPEED <del>240</del> <b>Knots</b>				<b>240</b>	<b>240</b>			
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) <b>.3</b>									
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) <del>2.4</del> <b>1.0</b>									
SAMPLE READING ON LANDING (WTIC IN R/HR) <b>8</b>									
TIME LANDING READINGS TAKEN <b>0720</b>									
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:			
EXPERIMENTAL FILM BADGES									
CANOPY				INTEGRON					
NUMBER		READING		NUMBER		READING			
<b>725089</b>		<b>1380</b>		<b>725090</b>		<b>1240</b>			

AFSWC FORM 0-379A  
MAY 57

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PRIVACY ACT MATERIAL REMOVED

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**AIRCRAFT DATA FORM (AFR 190-16)** SHOT TITLE: **Good**

PILOT: \_\_\_\_\_ TAKEOFF TIME: **0620** SAMPLER CODE: **Tiger II**  
 OBSERVER: **PRIVACY ACT MATERIAL REMOVED** LANDING TIME: **0710** AIRCRAFT NUMBER: **046**

FILM BADGE		CREW EXPOSURE DATA				DOSIMETER	
NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	<b>725106</b>	<b>785</b>	<b>725107</b>	<b>800</b>			
OBSERVER							

DATA CARDS									
CODE	INFORMATION	PENETRATION							
A	PASS NUMBER	1	2	3	4	5	6	7	
B	ALTITUDE (1000')	<b>35</b>	<b>36.5</b>						
C	PENETRATION TIME (LOCAL)	<b>0753</b>	<b>0755</b>						
D'	PEAK CLOUD INTENSITY (R/HR)	<b>23</b>	<b>50</b>						
D''	AVERAGE CLOUD INTENSITY (R/HR)	<b>7</b>	<b>25</b>						
E	TIME IN CLOUD (MIN & SEC)	<b>1:30</b>	<b>1:50</b>						
F	EXPOSURE (INTEGRON IN R)	<b>.3</b>	<b>.9</b>						
G	COCKPIT BACKGROUND (R/HR)	<b>4</b>	<b>4</b>						
H	SAMPLE READING (WTIC IN R/HR)	<b>38</b>	<b>85</b>						
I	SQUEEGEE ON (YES OR NO)	<b>Yes</b>	<b>Yes</b>						
	INDICATED AIR SPEED <b>XXXX</b> Knots								

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) **.35**

TOTAL EXPOSURE ON LANDING (INTEGRON IN R) **1.0**

SAMPLE READING ON LANDING (WTIC IN R/HR)

TIME LANDING READINGS TAKEN **PRIVACY ACT MATERIAL REMOVED**

LEAD VEST:  YES  NO PILOT: \_\_\_\_\_ OBSERVER: \_\_\_\_\_

EXPERIMENTAL FILM BADGES			
CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
<b>728278</b>	<b>1780</b>	<b>728279</b>	<b>1500</b>

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**[REDACTED]**  
(AFR 190-16)

**AIRCRAFT DATA FORM (AFR 190-16)** SHOT TITLE: **Hood**

PILOT:	TAKEOFF TIME: <b>0641</b>	SAMPLER CODE: <b>Hot Shot IV</b>
OBSERVER: <b>Book</b>	LANDING TIME: <b>0810</b>	AIRCRAFT NUMBER: <b>502</b>

	FILM BADGE		CREW EXPOSURE DATA				DOSIMETER	
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	<b>727904</b>	<b>1220</b>	<b>727903</b>	<b>1300</b>				
OBSERVER	<b>732412</b>	<b>1080</b>	<b>732412</b>	<b>1080</b>				

CODE	FORMATION	PENETRATION						
		1	2	3	4	5	6	7
A	PASS NUMBER							
B	ALTITUDE (1000')	<b>32</b>	<b>24</b>	<b>34</b>				
C	PENETRATION TIME (LOCAL)	<b>0715</b>	<b>0728</b>	<b>0745</b>				
D'	PEAK CLOUD INTENSITY (R/HR)	<b>14</b>	<b>1.5</b>	<b>9</b>				
D''	AVERAGE CLOUD INTENSITY (R/HR)	<b>9</b>	<b>.5</b>	<b>6</b>				
E	TIME IN CLOUD (MIN & SEC)	<b>2:5</b>	<b>4:</b>	<b>5:</b>				
F	EXPOSURE (INTEGRON IN R)	<b>.0</b>	<b>.1</b>	<b>.5</b>				
G	COCKPIT BACKGROUND (R/HR)	<b>1</b>	<b>2.2</b>	<b>2.4</b>				
H	SAMPLE READING (WTIC IN R/HR)	<b>11</b>	<b>10</b>	<b>23</b>				
I	SQUEEGEE ON (YES OR NO)	<b>Yes</b>	<b>Yes</b>	<b>No</b>				
	INDICATED AIR SPEED <del>250</del> <b>knots</b>	<b>250</b>	<b>260</b>	<b>270</b>				

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) **.2**

TOTAL EXPOSURE ON LANDING (INTEGRON IN R) **.7**

SAMPLE READING ON LANDING (WTIC IN R/HR) **15 R**

TIME LANDING READINGS TAKEN **0812**

LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PILOT:	OBSERVER:
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EXPERIMENTAL FILM BADGES			
CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
<b>728282</b>	<b>1880</b>	<b>728283</b>	<b>1440</b>

<b>AIRCRAFT DATA FORM (AFR 190-10)</b>						SHOT TITLE: <b>Good</b>					
PILOT:				TAKEOFF TIME: <b>0555</b>		SAMPLER CODE: <b>Hot Shot I</b>					
OBSERVER: <del>XXXXXXXXXX</del>				LANDING TIME: <b>0730</b>		AIRCRAFT NUMBER: <b>495</b>					
<b>FILM BADGE</b>			<b>CREW EXPOSURE DATA</b>			<b>DOSIMETER</b>					
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>727931</b>	<b>2000</b>	<b>727932</b>	<b>1900</b>							
OBSERVER	<b>727924</b>	<b>1640</b>	<b>727923</b>	<b>1640</b>							
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>48</b>	<b>46.7</b>	<b>44.5</b>	<b>44.6</b>			
C	PENETRATION TIME (LOCAL)				<b>0644</b>	<b>0653</b>	<b>0700</b>	<b>0708½</b>			
D'	PEAK CLOUD INTENSITY (R/HR)				<b>1.5</b>	<b>6.0</b>	<b>30</b>	<b>18</b>			
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>1</b>	<b>1</b>	<b>20</b>	<b>7</b>			
E	TIME IN CLOUD (MIN & SEC)				<b>3:30</b>	<b>2:30</b>	<b>1:30</b>	<b>1:30</b>			
F	EXPOSURE (INTEGRON IN R)				<b>.09</b>	<b>.21</b>	<b>.7</b>	<b>1.08</b>			
G	COCKPIT BACKGROUND (R/HR)						<b>2.0</b>	<b>2.0</b>			
H	SAMPLE READING (WTIC IN R/HR)						<b>21</b>	<b>24</b>			
I	SQUEEGEE ON (YES OR NO)				<b>Yes</b>	<b>Yes</b>	<b>No</b>	<b>No</b>			
	INDICATED AIR SPEED <del>XXXX</del>				<b>182</b>	<b>206</b>	<b>210</b>	<b>220</b>			
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) <b>.6</b>											
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) <b>1.48</b>											
SAMPLE READING ON LANDING (WTIC IN R/HR) <b>18</b>											
TIME LANDING READINGS TAKEN <b>0730</b>											
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				PILOT:				OBSERVER:			
<b>EXPERIMENTAL FILM BADGES</b>											
<b>CANOPY</b>						<b>INTEGRON</b>					
NUMBER			READING			NUMBER			READING		
<b>724085</b>			<b>3420</b>			<b>725086</b>			<b>2250</b>		

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AIRCRAFT DATA FORM (AFR 190-16)					SHOT TITLE: <b>Hood</b>			
PILOT:			TAKEOFF TIME: <b>0630</b>		SAMPLER CODE: <b>Hot Spot III</b>			
OBSERVER:			LANDING TIME: <b>0732</b>		AIRCRAFT NUMBER: <b>500</b>			
FILM BADGE		CREW EXPOSURE DATA				DOSIMETER		
NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING	
<b>725108</b>	<b>955</b>	<b>725109</b>	<b>955</b>					
<b>727933</b>	<b>830</b>	<b>727935</b>	<b>860</b>					

DATA CARDS								
CODE	INFORMATION	PENETRATION						
		1	2	3	4	5	6	7
A	PASS NUMBER							
B	ALTITUDE (1000')	<b>3925</b>						
C	PENETRATION TIME (LOCAL)	<b>0722</b>						
D'	PEAK CLOUD INTENSITY (R/HR)	<b>25</b>						
D''	AVERAGE CLOUD INTENSITY (R/HR)	<b>15</b>						
E	TIME IN CLOUD (MIN & SEC)	<b>45</b>						
F	EXPOSURE (INTEGRON IN R)	<b>.65</b>						
G	COCKPIT BACKGROUND (R/HR)	<b>.9</b>						
H	SAMPLE READING (WTIC IN R/HR)	<b>16</b>						
I	SQUEEGEE ON (YES OR NO)	<b>Yes</b>						
	INDICATED AIR SPEED (KPH)	<b>245</b>						

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)	<b>.65</b>
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)	<b>.97</b>
SAMPLE READING ON LANDING (WTIC IN R/HR)	<b>10</b>
TIME LANDING READINGS TAKEN	<b>0735</b>

LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PILOT:	OBSERVER:
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EXPERIMENTAL FILM BADGES			
CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
<b>728280</b>	<b>1720</b>	<b>728281</b>	<b>1220</b>

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<b>AIRCRAFT DATA FORM</b> (AFR 190-16)						SHOT TITLE: <b>Hood</b>					
PILOT:			TAKEOFF TIME: <b>0600</b>			SAMPLER CODE: <b>Hot Shot II</b>					
OBSERVER:			LANDING TIME: <b>0700</b>			AIRCRAFT NUMBER: <b>496</b>					
<b>FELIX BADGE</b>		<b>CREW EXPOSURE DATA</b>					<b>POSTMETER</b>				
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>725111</b>	<b>1820</b>	<b>725110</b>	<b>1860</b>							
OBSERVER	<b>727925</b>	<b>1420</b>	<b>727926</b>	<b>1380</b>							
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>42</b>						
C	PENETRATION TIME (LOCAL)				<b>0631</b>						
D'	PEAK CLOUD INTENSITY (R/HR)				<b>180</b>						
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>50</b>						
E	TIME IN CLOUD (MIN & SEC)				<b>140</b>						
F	EXPOSURE (INTEGRON IN R)				<b>.85</b>						
G	COCKPIT BACKGROUND (R/HR)				<b>2</b>						
H	SAMPLE READING (WTIC IN R/HR)				<b>.23</b>						
I	SQUEEGEE ON (YES OR NO)				<b>Yes</b>						
	INDICATED AIR SPEED (KNOTS)				<b>220</b>						
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)					<b>1.5</b>						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)					<b>1.5</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)					<b>15</b>						
TIME LANDING READINGS TAKEN					<b>0702</b>						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO					PILOT:			OBSERVER:			
<b>EXPERIMENTAL FILM BADGES</b>											
<b>CANOPY</b>						<b>INTEGRON</b>					
NUMBER			READING			NUMBER			READING		
<b>725087</b>			<b>3065</b>			<b>725088</b>			<b>1920</b>		

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(AFR 190-16)

(AFR 190-16)

FILTER RECOVERY DATA COLLECTION SHEET		SHOT TITLE: <b>Hood</b>
SHOT TIME: : <b>0110</b>	TAKEN BY	
CHECK TIME:		

	A/C - SAMPLE	READING TIME	READING R.HH	ELAPSED TIME	FISSIONS	AGENCY	REPRESENTATIVE
	A	B	C	D	E	F	G
1	496 L $\frac{1}{2}$	0710	7.0	150"	1.2x10 <sup>16</sup>		
2	496 L $\frac{1}{2}$	0713	6.3	153"	5.0x10 <sup>14</sup>		
3	496 R $\frac{1}{2}$	0724	4.2	164"	7.8x10 <sup>15</sup>		
4	496 R $\frac{1}{2}$	0725	3.9	165"	7.8x10 <sup>15</sup>		
5	495 L $\frac{1}{2}$	0738	4.9	178"	1.0x10 <sup>16</sup>		
6	495 L $\frac{1}{2}$	0740	0.2	180"	4.1x10 <sup>14</sup>		
7	495 R $\frac{1}{2}$	0706	6.0	186"	1.3x10 <sup>16</sup>		
8	054 R $\frac{1}{2}$	0753	11.3	193"	3.0x10 <sup>15</sup>		
9	054 L	0757	1.0	197"	2.1x10 <sup>15</sup>		
10	500 R $\frac{1}{2}$	0804	2.0	204"	4.9x10 <sup>15</sup>		
11	500 R $\frac{1}{2}$	0806	2.2	206"	5.3x10 <sup>15</sup>		
12	500 L $\frac{1}{2}$	0820	3.2	210"	8.0x10 <sup>15</sup>		

NOTES:

Instrument #7159

U.C.R.L. Papa. Midway, Sanborn, Cook

FILTER RECOVERY DATA COLLECTION SHEET						SHOT TITLE: Hood	
SHOT TIME: 0110				TAKEN BY:			
CHECK TIME:							
	A/C - SAMPLE	READING TIME	READING R/HR	ELAPSED TIME	FISSIONS	AGENCY	REPRESENTATIVE
	A	B	C	D	E	F	G
1	500 I $\frac{1}{2}$	0812	0.15	212	3.8x10 <sup>14</sup>		
2	502 R	0818	6.0	218	1.6x10 <sup>16</sup>		
3	502 I $\frac{1}{2}$	0823	4.7	223	1.3x10 <sup>16</sup>		
4	502 I $\frac{1}{2}$	0825	0.32	225	8.7x10 <sup>14</sup>		
5	016 L	0836	1.3	236	3.8x10 <sup>15</sup>		
6	016 R	0840	1.2	240	3.5x10 <sup>15</sup>		
7							
8							
9							
10							
11							
12							

NOTES:  
Instrument #7159

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<b>AIRCRAFT DATA FORM (AFR 190-16)</b>						SHOT TITLE: <b>Diablo</b>					
PILOT:			TAKEOFF TIME: <b>0925</b>			SAMPLER CODE: <b>Tiger I</b>					
OBSERVER:			LANDING TIME: <b>0607</b>			AIRCRAFT NUMBER: <b>054</b>					
<b>FILM BADGE</b>				<b>CREW EXPOSURE DATA</b>							
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>612511</b>	<b>655</b>	<b>712510</b>	<b>655</b>							
OBSERVER											
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>26</b>	<b>25</b>	<b>24.5</b>				
C	PENETRATION TIME (LOCAL)				<b>0551</b>	<b>0554</b>	<b>0558</b>				
D'	PEAK CLOUD INTENSITY (R/HR)				<b>20</b>	<b>70</b>	<b>70</b>				
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>15</b>	<b>30</b>	<b>40</b>				
E	TIME IN CLOUD (MIN & SEC)				<b>120</b>	<b>120</b>	<b>120</b>				
F	EXPOSURE (INTEGRON IN R)				<b>.2</b>	<b>.5</b>	<b>.95</b>				
G	COCKPIT BACKGROUND (R/HR)				<b>.15</b>	<b>.3</b>	<b>.6</b>				
H	SAMPLE READING (WTIC IN R/HR)				<b>15</b>	<b>12</b>	<b>24</b>				
I	SQUEEGEE ON (YES OR NO)				<b>No</b>	<b>No</b>	<b>No</b>				
	INDICATED AIR SPEED ( <del>XXXX</del> <b>Knots</b> )				<b>300</b>	<b>300</b>	<b>300</b>				
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)					<b>.55</b>						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)					<b>1.05</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)					<b>21</b>						
TIME LANDING READINGS TAKEN					<b>0600</b> <span style="float: right;">PRIVACY ACT MATERIAL REMOVED</span>						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:					
<b>EXPERIMENTAL FILM BADGES</b>											
<b>CANOPY</b>						<b>INTEGRON</b>					
NUMBER			READING			NUMBER			READING		
<b>728286</b>			<b>1220</b>			<b>728287</b>			<b>1140</b>		

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PRIVACY ACT MATERIAL REMOVED

<b>AIRCRAFT DATA FORM</b>	SHOT TITLE: <b>Diablo</b>
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PILOT:	TAKEOFF TIME: <b>0550</b>	SAMPLER CODE: <b>Tiger IV</b>
OBSERVER:	LANDING TIME: <b>0630</b>	AIRCRAFT NUMBER: <b>049</b>

	FLUX BADGE		CREW EXPOSURE DATA					
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	<b>727906</b>	<b>565</b>	<b>727905</b>	<b>515</b>				
OBSERVER								

CODE	INFORMATION	PENETRATION						
		1	2	3	4	5	6	7
A	PASS NUMBER							
B	ALTITUDE (1000')	<b>21.2</b>	<b>20</b>					
C	PENETRATION TIME (LOCAL)	<b>0651</b>	<b>0620</b>					
D'	PEAK CLOUD INTENSITY (R/HR)	<b>34</b>	<b>49</b>					
D''	AVERAGE CLOUD INTENSITY (R/HR)	<b>9</b>	<b>22</b>					
E	TIME IN CLOUD (MIN & SEC)	<b>1:05</b>	<b>1:50</b>					
F	EXPOSURE (INTEGRON IN R)	<b>.2</b>	<b>.6</b>					
G	COCKPIT BACKGROUND (R/HR)	<b>0.1</b>	<b>0.3</b>					
H	SAMPLE READING (WTIC IN R/HR)	<b>64</b>	<b>65</b>					
I	SQUEEGEE ON (YES OR NO)	<b>No</b>	<b>No</b>					
	INDICATED AIR SPEED <del>1000</del> <b>Knots</b>	<b>330</b>	<b>330</b>					

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) **.028**

TOTAL EXPOSURE ON LANDING (INTEGRON IN R) **.7**

SAMPLE READING ON LANDING (WTIC IN R/HR) **25**

TIME LANDING READINGS TAKEN **0635** PRIVACY ACT MATERIAL REMOVED

LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PILOT:	OBSERVER:
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CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
<b>728298</b>	<b>800</b>	<b>728299</b>	<b>750</b>

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AIRCRAFT DATA FORM (AFR 190-10)						SHOT TITLE: <b>Diablo</b>				
PILOT:			TAKEOFF TIME: <b>0540</b>			SAMPLER CODE: <b>Tiger III</b>				
OBSERVER:			LANDING TIME: <b>0615</b>			AIRCRAFT NUMBER: <b>043</b>				
FILM BADGE			CREW EXPOSURE DATA							
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING		
PILOT	<del>727911</del>	<del>610</del>	<b>727911</b>	<b>550</b>	<b>727912</b>	<b>610</b>				
OBSERVER										
DATA CARDS										
CODE	INFORMATION			PENETRATION						
A	PASS NUMBER			1	2	3	4	5	6	7
B	ALTITUDE (1000')			<b>25</b>	<b>25</b>	<b>24.4</b>				
C	PENETRATION TIME (LOCAL)			<b>0554</b>	<b>0607</b>	<b>0610</b>				
D'	PEAK CLOUD INTENSITY (R/HR)			<b>Out</b>	<b>out</b>	<b>out</b>				
D''	AVERAGE CLOUD INTENSITY (R/HR)			<b>out</b>	<b>out</b>	<b>out</b>				
E	TIME IN CLOUD (MIN & SEC)			<b>15</b>	<b>10</b>	<b>12</b>				
F	EXPOSURE (INTEGRON IN R)			<b>.2</b>	<b>.3</b>	<b>.65</b>				
G	COCKPIT BACKGROUND (R/HR)			<b>Out</b>	<b>out</b>	<b>out</b>				
H	SAMPLE READING (WTIC IN R/HR)			<b>6</b>	<b>19</b>	<b>31</b>				
I	SQUEEGEE ON (YES OR NO)			<b>No</b>	<b>No</b>	<b>No</b>				
	INDICATED AIR SPEED <del>210</del> <b>Knots</b>			<b>340</b>	<b>340</b>	<b>340</b>				
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)				<b>Out</b>						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)				<b>.7</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)				<b>30</b>						
TIME LANDING READINGS TAKEN <b>0620</b>				PRIVACY ACT MATERIAL REMOVED						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:				
EXPERIMENTAL FILM BADGES										
CANOPY			INTEGRON							
NUMBER	READING		NUMBER	READING		NUMBER	READING			
<b>728290</b>	<b>800</b>		<b>728291</b>	<b>830</b>						

<b>AIRCRAFT DATA FORM</b>					SHOT TITLE: <b>Diablo</b>						
PILOT:			TAKEOFF TIME: <b>1630</b>		SAMPLER CODE: <b>Special</b>						
OBSERVER:			LANDING TIME: <b>1815</b>		AIRCRAFT NUMBER: <b>496</b>						
<b>FILM BADGE</b>					<b>CREW EXPOSURE DATA</b>						
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>732604</b>	<b>995</b>	<b>732608</b>	<b>No Reading</b>							
OBSERVER											
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>26.5/</b>						
C	PENETRATION TIME (LOCAL)				<b>1655/</b>						
D'	PEAK CLOUD INTENSITY (R/HR)				<b>0.250</b>						
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>0.075</b>						
E	TIME IN CLOUD (MIN & SEC)				<b>65</b>						
F	EXPOSURE (INTEGRON IN R)				<b>0.11</b>						
G	COCKPIT BACKGROUND (R/HR)				<b>0.020</b>						
H	SAMPLE READING (WTIC IN R/HR)				<b>3.2</b>						
I	SQUEEGEE ON (YES OR NO)				<b>No</b>						
	INDICATED AIR SPEED <b>310</b> <del>310</del> <b>Knots</b>				<b>310</b>						
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) <b>0.15</b>											
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) <b>0.11</b>											
SAMPLE READING ON LANDING (WTIC IN R/HR) <b>3.0</b>											
TIME LANDING READINGS TAKEN <b>1630</b>					PRIVACY ACT MATERIAL REMOVED						
LEAD VEST: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			PILOT:			OBSERVER:					
<b>EXPERIMENTAL FILM BADGES</b>											
<b>CANOPY</b>						<b>INTEGRON</b>					
NUMBER		READING				NUMBER		READING			
<b>728284</b>		<b>95</b>				<b>728285</b>		<b>0</b>			

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AIRCRAFT DATA FORM						SHOT TITLE: <b>Diablo</b>				
PILOT:			TAKEOFF TIME: <b>0550</b>			SAMPLER CODE: <b>Hotshot I</b>				
OBSERVER: <del>CONFIDENTIAL</del> <b>NOT MATERIAL REMOVED</b>			LANDING TIME: <b>0636</b>			AIRCRAFT NUMBER: <b>495</b>				
FILM BADGE			CREW EXPOSURE DATA							
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING		
PILOT	<del>732601</del> <b>732603</b>	<b>800</b>	<b>732602</b>	<b>815</b>						
OBSERVER	<b>732608</b>	<b>800</b>	<b>732607</b>	<b>800</b>						
DATA CARDS										
CODE	INFORMATION			PENETRATION						
A	PASS NUMBER			1	2	3	4	5	6	7
B	ALTITUDE (1000')			<b>23</b>	<b>24.5</b>	<b>24.5</b>				
C	PENETRATION TIME (LOCAL)			<b>0620</b>	<b>0624</b>	<b>0628</b>				
D'	PEAK CLOUD INTENSITY (R/HR)			<b>51</b>	<b>40</b>	<b>25</b>				
D''	AVERAGE CLOUD INTENSITY (R/HR)			<b>25</b>	<b>25</b>	<b>11</b>				
E	TIME IN CLOUD (MIN & SEC)			<b>1:40</b>	<b>1:40</b>	<b>1:55</b>				
F	EXPOSURE (INTEGRON IN R)			<b>.5</b>	<b>.7</b>	<b>1.0</b>				
G	COCKPIT BACKGROUND (R/HR)			<b>.5</b>	<b>.5</b>	<b>.7</b>				
H	SAMPLE READING (WTIC IN R/HR)			<b>19</b>	<b>24</b>	<b>29</b>				
I	SQUEEGEE ON (YES OR NO)			<b>No</b>	<b>No</b>	<b>No</b>				
	INDICATED AIR SPEED ( <del>XXX</del> <b>Knots</b> )			<b>400</b>	<b>410</b>	<b>430</b>				
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) <b>.5</b>										
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) <b>1.1</b>										
SAMPLE READING ON LANDING (WTIC IN R/HR) <b>28</b>										
TIME LANDING READINGS TAKEN <b>0639</b>						PRIVACY ACT MATERIAL REMOVED				
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:				
EXPERIMENTAL FILM BADGES										
CANOPY				INTEGRON						
NUMBER	READING			NUMBER	READING					
<b>733034</b>	<b>1560</b>			<b>733035</b>	<b>1140</b>					

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(AFR 190-10)

AIRCRAFT DATA FORM					SHOT TITLE: <b>Diablo</b>				
PILOT:			TAKEOFF TIME: <b>0530</b>		SAMPLER CODE: <b>Tiger II</b>				
OBSERVER:			LANDING TIME: <b>0620</b>		AIRCRAFT NUMBER: <b>053</b>				
FILM BADGE		CREW EXPOSURE DATA							
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING	
PILOT	<b>727936</b>	<b>920</b>	<b>727935</b>	<b>785</b>					
OBSERVER									
DATA CARDS									
CODE	INFORMATION				PENETRATION				
A	PASS NUMBER				1	2	3	4	5
B	ALTITUDE (1000')				<b>27</b>	<b>27</b>	<b>23.6</b>	<b>23.2</b>	
C	PENETRATION TIME (LOCAL)				<b>0559</b>	<b>0603</b>	<b>0608</b>	<b>0613</b>	
D'	PEAK CLOUD INTENSITY (R/HR)				<b>10</b>	<b>9</b>	<b>50</b>	<b>60</b>	
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>8</b>	<b>7</b>	<b>30</b>	<b>45</b>	
E	TIME IN CLOUD (MIN & SEC)				<b>1:10</b>	<b>1:15</b>	<b>1:40</b>	<b>1:30</b>	
F	EXPOSURE (INTEGRON IN R)				<b>.08</b>	<b>.2</b>	<b>.53</b>	<b>.95</b>	
G	COCKPIT BACKGROUND (R/HR)				<b>.2</b>	<b>.25</b>	<b>.4</b>	<b>.8</b>	
H	SAMPLE READING (WTIC IN R/HR)				<b>7.2</b>	<b>12</b>	<b>20</b>	<b>35</b>	
I	SQUEEGEE ON (YES OR NO)				<b>NO</b>				
	INDICATED AIR SPEED (MPH)				<b>250</b>	<b>250</b>	<b>250</b>	<b>258</b>	
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) <b>.65</b>									
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) <b>1.09</b>									
SAMPLE READING ON LANDING (WTIC IN R/HR) <b>31</b>									
TIME LANDING READINGS TAKEN <b>0623</b> <b>31</b> PRIVACY ACT MATERIAL REMOVED									
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:			
EXPERIMENTAL FILM BADGES									
CANOPY			INTEGRON						
NUMBER	READING		NUMBER	READING		NUMBER	READING		
<b>728288</b>	<b>1480</b>		<b>728289</b>	<b>1300</b>					

<b>AIRCRAFT DATA FORM (AFR 190-16)</b>						SHOT TITLE: <b>Diablo</b>					
PILOT:				TAKEOFF TIME: <b>0625</b>		SAMPLER CODE: <b>Hot Shot II</b>					
OBSERVER:				LANDING TIME: <b>0642</b>		AIRCRAFT NUMBER: <b>32</b>					
<b>FILM BADGE</b>				<b>CREW EXPOSURE DATA</b>							
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>732604</b>	<b>995</b>	<b>732605</b>	<b>Lost</b>							
OBSERVER	<b>732609</b>	<b>995</b>	<b>732610</b>	<b>550</b>							
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>22</b>						
C	PENETRATION TIME (LOCAL)				<b>0629</b>						
D'	PEAK CLOUD INTENSITY (R/HR)				<b>36</b>						
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>30</b>						
E	TIME IN CLOUD (MIN & SEC)				<b>1:30</b>						
F	EXPOSURE (INTEGRON IN R)				<b>.5</b>						
G	COCKPIT BACKGROUND (R/HR)				<b>.5</b>						
H	SAMPLE READING (WTIC IN R/HR)				<b>24</b>						
I	SQUEEGEE ON (YES OR NO)				<b>No</b>						
	INDICATED AIR SPEED (MPH)				<b>440</b>						
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)					<b>.43</b>						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)					<b>.71</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)					<b>20</b>						
TIME LANDING READINGS TAKEN <b>0646</b>					PRIVACY ACT MATERIAL REMOVED						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				PILOT:				OBSERVER:			
<b>EXPERIMENTAL FILM BADGES</b>											
<b>CANOPY</b>						<b>INTEGRON</b>					
NUMBER			READING			NUMBER			READING		
<b>733036</b>			<b>1060</b>			<b>733037</b>			<b>800</b>		



FILTER RECOVERY DATA COLLECTION SHEET

SHOT TITLE: **USE**

SHOT TIME: **043** TAKEN BY: **(AFR 190-16)**

CHECK TIME: **0500-30, 0515-45, 0530-60, 0545-75, 0600-90, 0615-105, 0630-120, 0645-135, 0700-150, 0730-180**

	A/C - SAMPLE	READING TIME	READING R/HR	ELAPSED TIME	FISSIONS	AGENCY	REPRESENTATIVE
	A	B	C	D	E	F	G
1					15		
	672 R	0615	1.4	105"	1x10		
2					14		
	672 L	0620	1.2	110"	9x10		
3					14		
	958 R	0627	1.1	117"	9x10		
4					8 14		
	958 L	0630	1.0	120"	8x10		
5					14		
	960 R	0633	0.7	123"	6x10		
6					14		
	960 L	0636	0.6	126"	5x10		
7					14		
	727 R	0640	0.6	130"	5x10		
8					14		
	727 L	0642	0.6	132"	5x10		
9					15		
	054 R	0645	2.2	135"	2x10		
10					15		
	054 L	0648	2.7	138"	2.5x10		
11					15		
	502 R <sub>1</sub>	0650	4.7	140"	4.2x10		
12					15		
	502 R <sub>2</sub>	0653	3.9	143"	4 x10		
NOTES:					15		
	502 L	0657	8.0	147"	8 x10		



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AIRCRAFT DATA FORM						SHOT TITLE:		
PILOT:			TAKEOFF TIME:			Sampler Code:		
OBSERVER:			LANDING TIME:			AIRCRAFT NUMBER:		
			1015			Coulomb		
			1045			F4U Mod II		
						043		
FILM BADGE				CREW EXPOSURE DATA				
PILOT	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
	727928	0	727929	0				
OBSERVER								
DATA CARDS								
CODE	INFORMATION	PENETRATION						
A	PASS NUMBER	1	2	3	4	5	6	7
B	ALTITUDE (1000')	4800	5200	5500				
C	PENETRATION TIME (LOCAL)	1036	1037	1038				
D'	PEAK CLOUD INTENSITY (R/HR)							
D''	AVERAGE CLOUD INTENSITY (R/HR)							
E	TIME IN CLOUD (MIN & SEC)	101	101	101				
F	EXPOSURE (INTEGRON IN R)							
G	COCKPIT BACKGROUND (R/HR)							
H	SAMPLE READING (WTIC IN R/HR)							
I	SQUEEGEE ON (YES OR NO)							
	INDICATED AIR SPEED (MPH) <del>XXX</del> Knots	130	130	130				
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)								
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)								
SAMPLE READING ON LANDING (WTIC IN R/HR)								
TIME LANDING READINGS TAKEN <b>1090</b>								
PRIVACY ACT MATERIAL REMOVED								
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:		
EXPERIMENTAL FILM BADGES								
CANOPY		INTEGRON						
NUMBER	READING	NUMBER	READING					
728294	10	728295	10					

GENERAL USE ONLY [REDACTED]

AIRCRAFT DATA FORM						SHOT TITLE:				
PILOT:			TAKEOFF TIME:			SAMPLER CODE:				
			1015			Coulomb				
OBSERVER:			LANDING TIME:			AIRCRAFT NUMBER:				
			1045			037				
FILM BADGE		CREW EXPOSURE DATA				DOSIMETER				
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING		
PILOT	727930	0	727929	0						
OBSERVER										
DATA CARDS										
CODE	INFORMATION			PENETRATION						
A	PASS NUMBER			1	2	3	4	5	6	7
B	ALTITUDE (1000')			4800	5200	5550				
C	PENETRATION TIME (LOCAL)			1033	1034	1035				
D'	PEAK CLOUD INTENSITY (R/HR)									
D''	AVERAGE CLOUD INTENSITY (R/HR)									
E	TIME IN CLOUD (MIN & SEC)			:02	:02	:02				
F	EXPOSURE (INTEGRON IN R)									
G	COCKPIT BACKGROUND (R/HR)									
H	SAMPLE READING (WTIC IN R/HR)									
I	SQUEEGEE ON (YES OR NO)									
	INDICATED AIR SPEED <del>KNOTS</del>			450	450	450				
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)										
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)										
SAMPLE READING ON LANDING (WTIC IN R/HR)										
TIME LANDING READINGS TAKEN				PRIVACY ACT MATERIAL REMOVED						
1050										
LEAD VEST:			PILOT:			OBSERVER:				
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO										
EXPERIMENTAL FILM BADGES										
CANOPY				INTEGRON						
NUMBER	READING		NUMBER	READING						
728292	10		728293	10						

OFFICIAL USE ONLY [REDACTED]

OFFICIAL USE ONLY **FOR [REDACTED]**

**AIRCRAFT DATA FORM** SHOT TITLE: **Stokes**

PILOT: **PRIVACY ACT MATERIAL REMOVED** TAKEDOFF TIME: **0705** SAMPLER CODE: **Tiger III**  
 OBSERVER: LANDING TIME: **0800** AIRCRAFT NUMBER: **032**

FILM BADGE		CREW EXPOSURE DATA						
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	<b>732783</b>	<b>600</b>	<b>732782</b>	<b>555</b>				
OBSERVER								

DATA CARDS									
CODE	INFORMATION	PENETRATION							
A	PASS NUMBER	1	2	3	4	5	6	7	
B	ALTITUDE (1000')	<b>23.5</b>	<b>23.2</b>						
C	PENETRATION TIME (LOCAL)	<b>0628</b>	<b>0632</b>						
D'	PEAK CLOUD INTENSITY (R/HR)	<b>7</b>	<b>8</b>						
D''	AVERAGE CLOUD INTENSITY (R/HR)	<b>3</b>	<b>3</b>						
E	TIME IN CLOUD (MIN & SEC)	<b>3</b>	<b>3</b>						
F	EXPOSURE (INTEGRON IN R)	<b>.15</b>	<b>.5</b>						
G	COCKPIT BACKGROUND (R/HR)	<b>.3</b>	<b>.9</b>						
H	SAMPLE READING (WTIC IN R/HR)	<b>88</b>	<b>29</b>						
I	SQUEEGEE ON (YES OR NO)	<b>No</b>	<b>No</b>						
	INDICATED AIR SPEED ( <del>XXX</del> <b>Knots</b> )	<b>320</b>	<b>320</b>						

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) **.6**

TOTAL EXPOSURE ON LANDING (INTEGRON IN R) **.75**

SAMPLE READING ON LANDING (WTIC IN R/HR) **7.2**  
 PRIVACY ACT MATERIAL REMOVED

TIME LANDING READINGS TAKEN **0800**

LEAD VEST:  YES  NO PILOT: OBSERVER:

EXPERIMENTAL FILM BADGES			
CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
<b>733347</b>	<b>1330</b>	<b>733348</b>	<b>940</b>

AIRCRAFT DATA FORM 5-16)						SHOT TITLE: <b>Stokes</b>					
PILOT:			TAKEOFF TIME: <b>0650</b>			SAMPLER CODE: <b>Tiger II</b>					
OBSERVER:			LANDING TIME: <b>0740</b>			AIRCRAFT NUMBER: <b>051</b>					
FILM BADGE				CREW EXPOSURE DATA							
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>745278</b>	<b>785</b>	<b>745279</b>	<b>785</b>							
OBSERVER											
DATA CARDS											
CODE	INFORMATION				PENETRATION						
	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>28</b>						
C	PENETRATION TIME (LOCAL)				<b>0716</b>						
D'	PEAK CLOUD INTENSITY (R/HR)				<b>35</b>						
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>10</b>						
E	TIME IN CLOUD (MIN & SEC)				<b>2:</b>						
F	EXPOSURE (INTEGRON IN R)				<b>.8</b>						
G	COCKPIT BACKGROUND (R/HR)				<b>1.2</b>						
H	SAMPLE READING (WTIC IN R/HR)				<b>45</b>						
I	SQUEEGEE ON (YES OR NO)				<b>50</b>						
	INDICATED AIR SPEED <del>205</del> <b>Knots</b>				<b>900</b>						
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) <b>.9</b>											
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) <b>1.3</b>											
SAMPLE READING ON LANDING (WTIC IN R/HR) <b>36</b> <span style="float: right;">PRIVACY ACT MATERIAL REMOVED</span>											
TIME LANDING READINGS TAKEN <b>0745</b>											
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				PILOT:				OBSERVER:			
EXPERIMENTAL FILM BADGES											
CANOPY						INTEGRON					
NUMBER			READING			NUMBER			READING		
<b>733457</b>			<b>1900</b>			<b>733458</b>			<b>1520</b>		

<b>AIRCRAFT DATA FORM</b> (AFR 190-16)					SHOT TITLE: <b>Stokes</b>						
PILOT:			TAKEOFF TIME: <b>0705</b>		SAMPLER CODE: <b>Tiger IV</b>						
OBSERVER:			LANDING TIME: <b>0800</b>		AIRCRAFT NUMBER: <b>055</b>						
<b>FILM BADGE</b>			<b>CREW EXPOSURE DATA</b>								
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>724998</b>	<b>630</b>	<b>724999</b>	<b>460</b>							
OBSERVER											
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>23/20</b>	<b>23</b>					
C	PENETRATION TIME (LOCAL)				<b>0729</b>	<b>0734</b>					
D'	PEAK CLOUD INTENSITY (R/HR)				<b>7</b>	<b>8</b>					
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>4</b>	<b>3</b>					
E	TIME IN CLOUD (MIN & SEC)				<b>2</b>	<b>6</b>					
F	EXPOSURE (INTEGRON IN R)				<b>.2</b>	<b>.5</b>					
G	COCKPIT BACKGROUND (R/HR)				<b>.3</b>	<b>.9</b>					
H	SAMPLE READING (WTIC IN R/HR)				<b>15</b>	<b>29</b>					
I	SQUEEGEE ON (YES OR NO)				<b>No</b>	<b>No</b>					
	INDICATED AIR SPEED <del>320</del> <b>Knots</b>				<b>320</b>	<b>320</b>					
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)					<b>.8</b>						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)					<b>.8</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)					<b>25</b>						
TIME LANDING READINGS TAKEN <b>0800</b>					PRIVACY ACT MATERIAL REMOVED						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:					
<b>EXPERIMENTAL FILM BADGES</b>											
<b>CANOPY</b>						<b>INTEGRON</b>					
NUMBER		READING				NUMBER		READING			
<b>73349</b>		<b>1410</b>				<b>73350</b>		<b>1020</b>			



<b>AIRCRAFT DATA FORM FR 190-16)</b>	SHOT TITLE: <b>Stokes</b>
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PILOT:	TAKEOFF TIME: <b>0650</b>	SAMPLER CODE: <b>Tiger I</b>
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OBSERVER:	LANDING TIME: <b>0740</b>	AIRCRAFT NUMBER: <b>043</b>
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	FILM BADGE		CREW EXPOSURE DATA					
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	<b>732780</b>	<b>700</b>	<b>732781</b>	<b>700</b>				
OBSERVER								

DATA CARDS								
CODE	INFORMATION	PENETRATION						
		1	2	3	4	5	6	7
A	PASS NUMBER							
B	ALTITUDE (1000')	<b>30</b>						
C	PENETRATION TIME (LOCAL)	<b>0726</b>						
D'	PEAK CLOUD INTENSITY (R/HR)	<b>35</b>						
D''	AVERAGE CLOUD INTENSITY (R/HR)	<b>20</b>						
E	TIME IN CLOUD (MIN & SEC)	<b>21</b>						
F	EXPOSURE (INTEGRON IN R)	<b>.75</b>						
G	COCKPIT BACKGROUND (R/HR)	<b>1.25</b>						
H	SAMPLE READING (WTIC IN R/HR)	<b>40</b>						
I	SQUEEGEE ON (YES OR NO)	<b>No</b>						
	INDICATED AIR SPEED <del>(KTS)</del> <b>Knots</b>	<b>300</b>						

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) **1**

TOTAL EXPOSURE ON LANDING (INTEGRON IN R) **1.25**

SAMPLE READING ON LANDING (WTIC IN R/HR) **32**

TIME LANDING READINGS TAKEN **0740** PRIVACY ACT MATERIAL REMOVED

LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	PILOT:	OBSERVER:
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EXPERIMENTAL FILM BADGES			
CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
<b>733343</b>	<b>1570</b>	<b>733344</b>	<b>1295</b>



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AIRCRAFT DATA FORM		SHOT TITLE: <b>Stokes</b>								
PILOT:		TAKEOFF TIME: <b>0635</b>	SAMPLER CODE: <b>Hot Shot I</b>							
OBSERVER:		LANDING TIME: <b>0742</b>	AIRCRAFT NUMBER: <b>504</b>							
FILM BADGE		CREW EXPOSURE DATA								
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING		
PILOT	<b>732769</b>	<b>930</b>	<b>732768</b>	<b>1015</b>						
OBSERVER	<b>745281</b>	<b>815</b>	<b>745280</b>	<b>730</b>						
DATA CARDS										
CODE	INFORMATION			PENETRATION						
A	PASS NUMBER			1	2	3	4	5	6	7
B	ALTITUDE (1000')			<b>38</b>	<b>36</b>					
C	PENETRATION TIME (LOCAL)			<b>0659</b>	<b>0713</b>					
D'	PEAK CLOUD INTENSITY (R/HR)			<b>18</b>	<b>10</b>					
D''	AVERAGE CLOUD INTENSITY (R/HR)			<b>5</b>	<b>4</b>					
E	TIME IN CLOUD (MIN & SEC)			<b>5:35</b>	<b>6:35</b>					
F	EXPOSURE (INTEGROM IN R)			<b>.5</b>	<b>.9</b>					
G	COCKPIT BACKGROUND (R/HR)			<b>.2</b>	<b>.6</b>					
H	SAMPLE READING (WTIC IN R/HR)			<b>16</b>	<b>28</b>					
I	SQUEEGEE ON (YES OR NO)			<b>No</b>	<b>No</b>					
	INDICATED AIR SPEED ( <del>180</del> <b>Knots</b> )			<b>180</b>	<b>180</b>					
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)				<b>.4</b>						
TOTAL EXPOSURE ON LANDING (INTEGROM IN R)				<b>1.2</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)				<b>20</b>						
TIME LANDING READINGS TAKEN <b>0746</b>				PRIVACY ACT MATERIAL REMOVED						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		PILOT:		OBSERVER:						
EXPERIMENTAL FILM BADGES										
CANOPY			INTEGROM							
NUMBER	READING		NUMBER	READING						
<b>733451</b>	<b>1960</b>		<b>733452</b>	<b>1180</b>						

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AIRCRAFT DATA FORM						SHOT TITLE: <b>Stokes</b>				
PILOT:			TAKEOFF TIME: <b>0720</b>		SAMPLER CODE: <b>Hot Shot II</b>					
OBSERVER:			LANDING TIME: <b>0815</b>		AIRCRAFT NUMBER: <b>495</b>					
<b>FILM BADGE</b>			<b>CREW EXPOSURE DATA</b>							
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING		
PILOT	<b>745276</b>	<b>585</b>	<b>745277</b>	<b>570</b>						
OBSERVER	<b>745283</b>	<b>500</b>	<b>745282</b>	<b>500</b>						
DATA CARDS										
CODE	INFORMATION			PENETRATION						
A	PASS NUMBER			1	2	3	4	5	6	7
B	ALTITUDE (1000')			<b>29.5</b>	<b>28</b>					
C	PENETRATION TIME (LOCAL)			<b>0748</b>	<b>0751</b>					
D'	PEAK CLOUD INTENSITY (R/HR)			<b>20</b>	<b>15.8</b>					
D''	AVERAGE CLOUD INTENSITY (R/HR)			<b>10</b>	<b>8</b>					
E	TIME IN CLOUD (MIN & SEC)			<b>140</b>	<b>145</b>					
F	EXPOSURE (INTEGRON IN R)			<b>.3</b>	<b>.4</b>					
G	COCKPIT BACKGROUND (R/HR)			<b>.5</b>	<b>.6</b>					
H	SAMPLE READING (WTIC IN R/HR)			<b>20</b>	<b>18</b>					
I	SQUEEGEE ON (YES OR NO)			<b>No</b>	<b>No</b>					
	INDICATED AIR SPEED <del>XXX</del> <b>Knots</b>			<b>280</b>	<b>300</b>					
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)				<b>.4</b>						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)				<b>.71</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)				<b>12</b>						
TIME LANDING READINGS TAKEN <b>0819</b>				PRIVACY ACT MATERIAL REMOVED						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:		OBSERVER:					
EXPERIMENTAL FILM BADGES										
CANOPY				INTEGRON						
NUMBER	READING		NUMBER	READING						
<b>733453</b>	<b>1060</b>		<b>733454</b>	<b>740</b>						





FILTER RECOVERY DATA COLLECTION SHEET						SHOT TITLE: Stokes	
SHOT TIME: 0525				TAKEN BY:			
CHECK TIME: 0700=95 min, 0715=110 min, 0730=125 min, 0745=140 min, 0800=155 min, 0815=170 min, 0830=185 min, 0845=200 min, 0900=215 min							
	A/C - SAMPLE	READING TIME	READING R./HR	ELAPSED TIME	FISSIONS	AGENCY	REPRESENTATIVE
	A	B	C	D	E	F	G
1	495-R-1	0849	1.9	204	$3.4 \times 10^{15}$		
2	495-R-2	0851	1.7	206	$3.1 \times 10^{15}$		
3	495-L-1	0854	1.9	209	$3.5 \times 10^{15}$		
4	495-L-2	0856	1.6	211	$3.0 \times 10^{15}$		
5							
6							
7							
8							
9							
10							
11							
12							
NOTES:							

<b>AIRCRAFT DATA FORM</b>		SHOT TITLE: <b>John</b>
PILOT:	TAKEOFF TIME: <b>0800</b>	SAMPLER CODE: <b>Hot shot I</b>
OBSERVER:	LANDING TIME: <b>0800</b>	AIRCRAFT NUMBER: <b>496</b>

**Film Badge** CREW EXPOSURE DATA

	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING
PILOT	732646	523	732647	360 Reading				
OBSERVER	732648	335	732649	360 Reading				

**FILM BADGE** DATA CARDS

CODE	INFORMATION	PENETRATION						
		1	2	3	4	5	6	7
A	PASS NUMBER							
B	ALTITUDE (1000')	26.7	26.7	26.4	26.5			
C	PENETRATION TIME (LOCAL)	0744	0745	0746.5	0748.5			
D'	PEAK CLOUD INTENSITY (R/HR)	30	25	32	30			
D''	AVERAGE CLOUD INTENSITY (R/HR)	20	15	15	12			
E	TIME IN CLOUD (MIN & SEC)	10	10	10	10			
F	EXPOSURE (INTEGRON IN R)	.05	.1	.2	.3			
G	COCKPIT BACKGROUND (R/HR)	.01	.2	.2	.2			
H	SAMPLE READING (WTIC IN R/HR)	5	6	9	13			
I	SQUEEGEE ON (YES OR NO)	No	No	No	No			
	INDICATED AIR SPEED <del>300</del> <b>Knots</b>	300	300	295	300			

COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) **.2**

TOTAL EXPOSURE ON LANDING (INTEGRON IN R) **.4**

SAMPLE READING ON LANDING (WTIC IN R/HR) **9**

TIME LANDING READINGS TAKEN **0800**

PRIVACY ACT MATERIAL REMOVED

LEAD VEST:  YES  NO

PILOT: \_\_\_\_\_ OBSERVER: \_\_\_\_\_

EXPERIMENTAL FILM BADGES

CANOPY		INTEGRON	
NUMBER	READING	NUMBER	READING
733040	640	733041	335

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AIRCRAFT DATA FORM (PR 190-16)						SHOT TITLE: <b>John</b>				
PILOT: ...			TAKEOFF TIME: <b>0735</b>			SAMPLER CODE: <b>Hot shot II</b>				
OBSERVER:			LANDING TIME: <b>0805</b>			AIRCRAFT NUMBER: <b>500</b>				
FILM BADGES				CREW EXPOSURE DATA						
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING		
PILOT	<b>732676</b>	<b>335</b>	<b>732675</b>	<b>No Reading</b>						
OBSERVER	<b>732676</b>	<b>290</b>	<b>732677</b>	<b>No Reading</b>						
EXPOSURES				DATA CARDS						
CODE	INFORMATION			PENETRATION						
A	PASS NUMBER			1	2	3	4	5	6	7
B	ALTITUDE (1000')			<b>35</b>	<b>36</b>	<b>35</b>				
C	PENETRATION TIME (LOCAL)			<b>0655</b>	<b>0757</b>	<b>0800</b>				
D'	PEAK CLOUD INTENSITY (R/HR)			<b>15</b>	<b>15</b>	<b>15</b>				
D''	AVERAGE CLOUD INTENSITY (R/HR)			<b>10</b>	<b>10</b>	<b>6</b>				
E	TIME IN CLOUD (MIN & SEC)			<b>1:30</b>	<b>1:20</b>	<b>1 Min</b>				
F	EXPOSURE (INTEGRON IN R)			<b>.18</b>	<b>.23</b>	<b>.4</b>				
G	COCKPIT BACKGROUND (R/HR)			<b>0</b>	<b>0.50</b>	<b>0.4</b>				
H	SAMPLE READING (WTIC IN R/HR)			<b>8</b>	<b>6.5</b>	<b>16</b>				
I	SQUEEGEE ON (YES OR NO)			<b>No</b>	<b>No</b>	<b>NO</b>				
	INDICATED AIR SPEED ( <del>XXX</del> ) <b>Knots</b>			<b>250</b>	<b>250</b>	<b>250</b>				
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR) <b>.2</b>										
TOTAL EXPOSURE ON LANDING (INTEGRON IN R) <b>.45</b>										
SAMPLE READING ON LANDING (WTIC IN R/HR) <b>12.5</b>										
TIME LANDING READINGS TAKEN <b>0815</b>				PRIVACY ACT MATERIAL REMOVED						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				PILOT:			OBSERVER:			
EXPERIMENTAL FILM BADGES										
CANOPY					INTEGRON					
NUMBER		READING			NUMBER		READING			
<b>733042</b>		<b>500</b>			<b>733043</b>		<b>500</b>			

PRIVACY ACT MATERIAL REMOVED



AIRCRAFT DATA FORM						SHOT TITLE: John					
PILOT:			START TIME: 0630			SAMPLER CODE: Round-up					
OBSERVER:			LANDING TIME: 0845			AIRCRAFT NUMBER: 904					
FILM BADGE			CREW EXPOSURE DATA								
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	732644	90	732645	73							
OBSERVER	725092	55	725091	0							
DATA CARDS											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				20/25	20/22	20/22				
C	PENETRATION TIME (LOCAL)				0735	0737	0739	45			
D'	PEAK CLOUD INTENSITY (R/HR)				.15						
D''	AVERAGE CLOUD INTENSITY (R/HR)				.05		.05				
E	TIME IN CLOUD (MIN & SEC)				120	?	130				
F	EXPOSURE (INTEGRON IN R)										
G	COCKPIT BACKGROUND (R/HR)										
H	SAMPLE READING (WTIC IN R/HR)										
I	SQUEEGEE ON (YES OR NO)										
	INDICATED AIR SPEED (MPH)										
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)											
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)											
SAMPLE READING ON LANDING (WTIC IN R/HR)						PRIVACY ACT MATERIAL REMOVED					
TIME LANDING READINGS TAKEN											
LEAD VEST: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				PILOT:				OBSERVER:			
EXPERIMENTAL FILM BADGES											
CANOPY						INTEGRON					
NUMBER			READING			NUMBER			READING		
733038			55			733039			35		

PRIVACY ACT MATERIAL REMOVED

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AIRCRAFT DATA FORM					SHOT TITLE: <b>John</b>					
PILOT:		TAKEOFF TIME: <b>0740</b>		SAMPLER CODE: <b>Hot Shot III</b>						
OBSERVER:		LANDING TIME: <b>0858</b>		AIRCRAFT NUMBER: <b>495</b>						
FILM BADGE		CREW EXPOSURE DATA								
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING		
PILOT	<b>732678</b>	<b>430</b>	<b>732679</b>	<b>430</b>						
OBSERVER	<b>732680</b>	<b>385</b>	<b>732681</b>	<b>405</b>						
DATA CARDS										
CODE	INFORMATION			PENETRATION						
A	PASS NUMBER			1	2	3	4	5	6	7
B	ALTITUDE (1000')			<b>36</b>	<b>37.5</b>	<b>37.5</b>				
C	PENETRATION TIME (LOCAL)			<b>0824</b>	<b>0821</b>	<b>0827</b>				
D'	PEAK CLOUD INTENSITY (R/HR)			<b>70</b>	<b>15</b>	<b>40</b>				
D''	AVERAGE CLOUD INTENSITY (R/HR)			<b>35</b>	<b>10</b>	<b>30</b>				
E	TIME IN CLOUD (MIN & SEC)			<b>1:15</b>	<b>1:20</b>	<b>1:15</b>				
F	EXPOSURE (INTEGRON IN R)			<b>.2</b>	<b>.23</b>	<b>.35</b>				
G	COCKPIT BACKGROUND (R/HR)			<b>.1</b>	<b>.1</b>	<b>.15</b>				
H	SAMPLE READING (WTIC IN R/HR)			<b>618</b>	<b>8.6</b>	<b>15</b>				
I	SQUEEGEE ON (YES OR NO)			<b>No</b>	<b>No</b>	<b>No</b>				
	INDICATED AIR SPEED <del>XXXX</del> <b>Knots</b>			<b>235</b>	<b>230</b>	<b>245</b>				
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)				<b>.15</b>						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)				<b>.4</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)				<b>12</b>						
TIME LANDING READINGS TAKEN <b>0845</b>				PRIVACY ACT MATERIAL REMOVED						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		PILOT:			OBSERVER:					
EXPERIMENTAL FILM BADGES										
CANOPY			INTEGRON							
NUMBER	READING		NUMBER	READING						
<b>733044</b>	<b>655</b>		<b>733045</b>	<b>550</b>						

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<b>AIRCRAFT DATA FORM</b> (70-16)						HOT TITLE: <b>John</b>					
PILOT:			TAKEOFF TIME: <b>0735</b>			SAMPLER CODE: <b>Hot Spot IV</b>					
OBSERVER:			LANDING TIME: <b>0923</b>			AIRCRAFT NUMBER: <b>501</b>					
<b>PIK BIDGE</b> CREW EXPOSURE DATA											
	NUMBER	READING	NUMBER	READING	NUMBER	READING	NUMBER	READING			
PILOT	<b>727909</b>	<b>315</b>	<b>727910</b>	<b>225</b>							
OBSERVER	<b>732687</b>	<b>250</b>	<b>732686</b>	<b>235</b>							
<b>DATA CARDS</b>											
CODE	INFORMATION				PENETRATION						
A	PASS NUMBER				1	2	3	4	5	6	7
B	ALTITUDE (1000')				<b>42.5</b>	<b>42.5</b>	<b>41.3</b>	<b>41.6</b>	<b>41.5</b>		
C	PENETRATION TIME (LOCAL) <b>6</b>				<b>32h</b>	<b>37h</b>	<b>40</b>	<b>47</b>			
D'	PEAK CLOUD INTENSITY (R/HR)				<b>1</b>	<b>4</b>	<b>2</b>	<b>7</b>	<b>4</b>		
D''	AVERAGE CLOUD INTENSITY (R/HR)				<b>.3</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>1</b>		
E	TIME IN CLOUD (MIN & SEC)				<b>1:30</b>	<b>:1</b>	<b>:1</b>	<b>:1</b>	<b>6Min</b>		
F	EXPOSURE (INTEGRON IN R)				<b>.04</b>	<b>.08</b>	<b>.09</b>	<b>.14</b>	<b>.25</b>		
G	COCKPIT BACKGROUND (R/HR)				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
H	SAMPLE READING (WTIC IN R/HR)				<b>0</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>6</b>		
I	SQUEEGEE ON (YES OR NO)				<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>		
	INDICATED AIR SPEED <b>XXXI Knots</b>				<b>210</b>	<b>220</b>	<b>220</b>	<b>210</b>	<b>215</b>		
COCKPIT INTENSITY ON LANDING (RASCAL IN R/HR)					<b>0</b>						
TOTAL EXPOSURE ON LANDING (INTEGRON IN R)					<b>.28</b>						
SAMPLE READING ON LANDING (WTIC IN R/HR)					<b>4</b>						
TIME LANDING READINGS TAKEN <b>0923</b>					PRIVACY ACT MATERIAL REMOVED						
LEAD VEST: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			PILOT:			OBSERVER:					
<b>EXPERIMENTAL FILM BADGES</b>											
CANOPY				INTEGRON							
NUMBER		READING		NUMBER		READING					
<b>Lost badge</b>		<b>Lost badge</b>		<b>733150</b>		<b>335</b>					

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PRIVACY ACT MATERIAL REMOVED

(AFR 190-16)

FILTER RECOVERY DATA COLLECTION SHEET						SHOT TITLE: <b>XXXX John</b>	
SHOT TIME: <b>0700</b>				TAKEN BY			
CHECK TIME: <b>0715=15 Min, 0730=30 min, 0745=45 min, 0800=60 min, 0815=75 min,</b>							
<b>0830=90 min, 0845=105 min, 0900=120 min</b>							
	A/C - SAMPLE	READING TIME	READING R/HR	ELAPSED TIME	FISSIONS	AGENCY	REPRESENTATIVE
	A	D	C	D	E	F	G
1	501-L-1	0930	240.mr	150"	4. X 10 <sup>14</sup>	}	13
2	501-L-2	0932	210.mr	152 "	3.5 X 10 <sup>14</sup>		
3	501-R-1	0936	200.mr	156" <del>XXX</del>	3.4X 10 <sup>14</sup>		
4	501-R-2	0937	220.mr	157"	3.8X 10 <sup>14</sup>		
5	504-L-1	0940	1.2 R	160"	2.1X 10 <sup>12</sup>	}	147 X <sup>10</sup>
6	504-L-2	0945	1.0 R	165"	1.7X 10 <sup>12</sup>		
7	504-R-1	0950	1.2 R	170"	1.8X 10 <sup>12</sup>		
8	504-R-2	0950	.5 mr	170"	9. X 10 <sup>11</sup>		
9							
10							
11							
12							
NOTES:							

PRIVACY ACT MATERIAL REMOVED

DATE: 98-10-16

FILTER RECOVERY DATA COLLECTION SHEET

SHOT TITLE: John

SHOT TIME: 0700 TAKEN BY

CHECK TIME: 0715=15 min, 0730=30 min, 0745=45 min, 0800=60 min, 0815=75 min,

0830=90 min, 0845=105 min, 0900=120 min

	A/C - SAMPLE	READING TIME	READING R/HR	ELAPSED TIME	FISSIONS	AGENCY	REPRESENTATIVE
	A	B	C	D	E	F	G
1	496-R-1-tk	0828	1.2	88°	1.1 X 10 <sup>15</sup>		
2	496-R-2-tn	0830	1.0	90°	9 X 10 <sup>14</sup>		4.2 X 10 <sup>15</sup>
3	496-L-1-tk	0832	1.1	92°	1.0 X 10 <sup>15</sup>		
4	496-L-2-tn	0832	1.2	92°	1.2 X 10 <sup>15</sup>		
5	500-L-1-tk	0836	1.7	96°	1.8 X 10 <sup>15</sup>		
6	500-L-2-tn	0837	1.6	97°	1.7 X 10 <sup>15</sup>		6.7 X 10 <sup>15</sup>
7	500-R-1-tk	0840	1.6	100°	1.7 X 10 <sup>15</sup>		
8	500-R-2-tn	0842	1.4	102°	1.5 X 10 <sup>15</sup>		
9	495-R-1-tk	0900	1.5	126°	2.0 X 10 <sup>15</sup>		6.5 X 10 <sup>15</sup>
10	495-R-2-tn	0907	1.5	127°	2.0 X 10 <sup>15</sup>		
11	495-L-1-tk	0900	1.1	120°	1.2 X 10 <sup>15</sup>		
12	495-L-2-tn	0902	1.3	122	1.6 X 10 <sup>15</sup>		

NOTES: