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FIELD ENGINEERING REPORT MISSION A-2009

Conf. A-2 ~~SER.#2~~ Pilot: Dunaway A/C 53-174 flown 2July'56

	<u>R6</u>	<u>V7</u>	<u>L8</u>	
Camera	32	27	24	Tracker: Ser. # 7
Shutter	1714	2999	1381	Footage: 650'
Lens	1381	1417	1450	Filter: Yellow
Magazine	66	09	64 64	
Cycles	60	60	60	
Footage	90	90	90	
Filter	Red	RED	Red	

RESULTS: IMC motor jammed or burned out after 20 minutes of operation. This stopped configuration.

Discussion: There was no evidence of any binding in the IMC cam shaft or cam assembly. Also no evidence of any bind in the conf. in the A/C.

Motor was not taken apart to determine actual cause as special tools are needed.

No film clips were taken due to the short length of film used.

All other equipment worked properly. Except the film counter on L8 was 10 cycles less than the other two.

Magazine # 64 has been removed from service until we can determine whether the counter or film indicating switch was at fault.

Very heavy condensation was found in the hatch and on all equipment on postflight check. Very light moisture was found on the other A/C that flew a similar mission at the same time.

During the critique we found that the pilot had made a quick decent. This will be stopped in the future and explains similar condition that occurred at the ranch.

Motor and IMC unit will be returned to the factory thru channels.

Conclusion: It was impossible for the field maintenance men to have forseen this difficulty as it is a new failure and not one you can detect ahead of time.

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