

SECRET

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1965 DEC 16 00 18Z

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OXCART

REF [Redacted] 0326

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SUBJECT: SECOND PERIODIC SUMMARY REPORT. THIS REPORT COVERS PERIOD THRU 10 DEC.

1.

MSN NBR	SC&DM	DP'S	ON'S	STATUS
000502	30 NOV 65			
000914	3 DEC 65			INITIAL PROGRAMMER RUN
65T837	3 DEC 65			
5NX506	3 DEC 65			INITIAL PROGRAMMER RUN
000947	3 DEC 65			INITIAL PROGRAMMER RUN
65TA04	3 DEC 65			
65MA19	7 DEC 65			
65TA17	7 DEC 65			
65TA11	7 DEC 65			
65T985	8 DEC 65			INITIAL PROGRAMMER RUN
000140	8 DEC 65			INITIAL PROGRAMMER RUN
65T816	8 DEC 65			INITIAL PROGRAMMER RUN
65MA26	8 DEC 65			INITIAL PROGRAMMER RUN
65T999	8 DEC 65			INITIAL PROGRAMMER RUN
65TA24	8 DEC 65			INITIAL PROGRAMMER RUN

16 DEC 1965

Y/No.	Office	Action
1	IPD	
2	CS	
	ADMIN	
	SAC DR	
3	P&DS	✓
	CSD	
	IPD	
	FD	
	PSD	
	PSD-ICB	
456	TID	
	IAD	
	PAG	
	DIAXX-4	
	SPAD	
	NSA-LO	
	DIA-AP	

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000A29	10 DEC 65	INITIAL PROGRAMMER RUN
65M979	10 DEC 65	INITIAL PROGRAMMER RUN
65T831	10 DEC 65	INITIAL PROGRAMMER RUN
000A28	10 DEC 65	INITIAL PROGRAMMER RUN
000142	10 DEC 65	INITIAL PROGRAMMER RUN

2.

000502 - INS EDIT AND FORMAT COPY OF TAPE HAS NOT BEEN PROVIDED. TAPE RECORDED PROGRAMMED V/H (00222) FOR APPROXIMATELY 10 PERCENT OF THE MISSION. AT THESE POINTS ALTITUDE DETERMINATION IS IMPOSSIBLE. THIS MAKES COMPLETE EVALUATION IMPOSSIBLE. THERE WERE 7 FORMAT ERRORS ON THE TAPE. THE INS EVALUATION IS 50 PERCENT COMPLETE.

000914 - 100 PERCENT OF THE MISSION OPERATED AT A CONSTANT V/H OF 0.0376 RADIANS. THIS NEGATES ALTITUDE DETERMINATION. FORMAT ERRORS OCCURRED ONLY AT THE BEGINNING AND END OF THE LIST FOR 5 - 6 LINES. INS EVALUATION 75 PERCENT COMPLETE. NO PAYLOAD.

65T837 - THE V/H REMAINED NEARLY CONSTANT THROUGHOUT THE MISSION AT 00380 PLUS/MINUS 00002. TAPE DID NOT ENTER PROGRAMMED V/H DURING THE MISSION. THERE WERE 2 FORMAT ERRORS ON THE INS TAPE. UNCAGED AND CAGED INDICATORS WERE PROVIDED BUT AN INS FORMAT EDIT AND FORMAT COPY IS NOT AVAILABLE. THIS MAKES COMPLETE EVALUATION ALMOST IMPOSSIBLE. INS TAPE EVALUATION 50 PERCENT COMPLETE.

5NX506 - THE FIRST 41 LINES OF OUTPUT WERE RECORDED AS 0'S, 9'S AND 7'S. THERE WERE 9 OTHER FORMAT ERRORS. 40 PERCENT OF THE MISSION WAS IN PROGRAMMED V/H THUS MAKING ALTITUDE DETERMINATION IMPOSSIBLE IN THIS AREA. CAGED AND UNCAGED MODES WERE NOT PROVIDED.

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INS EVALUATION IS 50 PERCENT COMPLETE.

000947 - V/H RATIO WAS IN PROGRAMMED MODE (LESS THAN 343) FOR 44 MINUTES ALL OF WHICH WAS DURING CAMERA OPERATION. A V/H LESS THAN 343 IS RECORDED WHEN TAPE IS FIRST TURNED ON AT ELAPSED TIME 49, 3699, AND 9953. THE TAPE DID NOT RECORD FROM 49 TO 3201, 3699 TO 7475, 9953 TO 14,607, AND 15,121 TO 18,780. THE CAMERA WAS OFF FROM 18 TO 3201. IN 2 CASES THE ROLL CHANGED SHARPLY CAUSING THE CAMERA TO CAGE. THE PITCH EXCEEDED 8 DEGREES 9 TIMES. THE DRIFT CHANGED SHARPLY MORE THAN 30 DEGREES CAUSING THE CAMERA TO CAGE TWICE. LARGE HEAD CHANGES OCCURRED 3 TIMES WHEN THE TAPE DID NOT RECORD. THERE WERE 23 FORMAT ERRORS MANY OF WHICH OCCURRED IN A CAGED MODE OR WHERE THERE WAS AN ABNORMAL CHANGE IN ALTITUDE. INS TAPE EVALUATION IS 90 PERCENT COMPLETE.

65TA04 - THERE WAS NO PROGRAMMED V/H DURING THE MISSION BUT A CONSTANT V/H VALUE OF AROUND 00396 IS INDICATED FOR LONG PERIODS OF THE MISSION. U & C INDICATORS ARE PRESENT BUT AN EDITED AND FORMATTED COPY HAS NOT BEEN PRODUCED. DRIFT VALUES AS HIGH AS 28 DEGREES WERE FREQUENTLY RECORDED. THERE WERE 4 FORMAT ERRORS ALL OCCURRING DURING THE CAGED POSITION. INS TAPE EVALUATION IS 50 PERCENT COMPLETE.

65MA19 - AN INS EDIT AND FORMAT COPY HAS NOT BEEN PROVIDED MAKING DETAILED ANALYSIS IMPOSSIBLE. 90 PERCENT OF THE MISSION WAS IN A CONSTANT PROGRAMMED V/H RECORDING. HEIGHT DETERMINATION AT THESE TIMES IS IMPOSSIBLE. THERE WERE 5 FORMAT ERRORS ON THE TAPE. NO PAYLOAD. INS TAPE EVALUATION IS 20 PERCENT COMPLETE.

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65TA17 - AN INS EDIT AND FORMAT COPY OF TAPE HAS NOT BEEN RECEIVED MAKING DETAILED ANALYSIS IMPOSSIBLE. INS TAPE EVALUATION IS 20 PERCENT COMPLETE.

65TA11 - THE V/H DID NOT ENTER PROGRAM MODE DURING THIS MISSION. THE U & C INDICATORS ARE PRESENT BUT AN INS EDITED AND FORMATED COPY ARE NOT AVAILABLE MAKING DETAILED ANALYSIS ALMOST IMPOSSIBLE. ROLL VARIES TO -6 TO PLUS 33 DEGREES. DRIFT VALUES WERE HIGH DURING MISSION -1 TO -54 DEGREES. INS TAPE EVALUATION IS 50 PERCENT COMPLETE.

65T985 - TAPE DID NOT RECORD FROM 7546 TO 10,957, 0050 TO 6814, 14,270 TO 15,752. THERE WERE 3 FORMAT ERRORS ON THE INS TAPE. INS TAPE EVALUATION IS 60 PERCENT COMPLETE.

000140 (1 OF 2 MISSIONS RECEIVED WITH THIS NUMBER) THE ELAPSE TIME RECORDED ALL 0'S THROUGHOUT THE ENTIRE MISSION. HEIGHT DETERMINATION FROM V/H IS IMPOSSIBLE FOR THE ENTIRE MISSION. THERE WERE 7 FORMAT ERRORS ON THE TAPE. NO PAYLOAD. INS TAPE EVALUATION IS 20 PERCENT COMPLETE.

000140 (SECOND MISSION RECEIVED WITH THIS NUMBER) 99 PERCENT OF THE MISSION OPERATED IN A PROGRAMMED V/H MODE OF 0.0129 RADIANS. ROLL VALUES EXCEEDING PLUS/MINUS 15 DEGREES OCCURRED DURING EACH OF THE COORDINATED TURNS OF MAXIMUM VALUES OF -34, -50.2, AND PLUS 30.9. AN ADDITIONAL ROLL VALUE OF PLUS/MINUS 15 DEGREES WAS DETECTED DURING TAKE-OFF OF PLUS/MINUS 20 DEGREES. NO PAYLOAD. INS TAPE EVALUATION IS 100 PERCENT COMPLETE.

65T816 - THE V/H RECORDED SATISFACTORILY THROUGHOUT THE MISSION.

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THERE WERE 3 FORMAT ERRORS ON THE INS TAPE. ROLL RANGE WAS FROM -3 TO PLUS 30 DEGREES. INS TAPE EVALUATION IS 50 PERCENT COMPLETE.

65MA26 - THE V/H NEVER ENTERED THE OPERATIONAL MODE AND STAYED IN THE PROGRAMMED MODE FOR 90 PERCENT OF THE MISSION. HEIGHT CANNOT BE DETERMINED FROM V/H AT ANY TIME DURING THE MISSION. THERE WERE 5 FORMAT ERRORS. INS TAPE EVALUATION IS 20 PERCENT COMPLETE.

65T999 - V/H RATIO WAS IN NON-OPERATIONAL (343) MODE 83.7 MINUTES. (OF WHICH NONE WAS DURING CAMERA OPERATIONS.) INS EVALUATION 95 PERCENT COMPLETE.

65TA24 - 100 PERCENT OF FLIGHT OPERATED IN A PROGRAMMED V/H MODE OF .0130 RADIANS. THIS NEGATES ALTITUDE DETERMINATION. THERE ARE NUMEROUS FORMAT ERRORS THROUGHOUT THE DATA LISTING. NO PAYLOAD. INS TAPE EVALUATION 100 PERCENT COMPLETE.

000A29 - THE V/H WAS IN A PROGRAMMED MODE 100 PERCENT OF THE MISSION RECORDING 00127 ON THE TAPE. THE FIRST 18 LINES ARE EXCEPTIONS BUT THESE ARE INSIGNIFICANT AS THEY RECORD 0 VELOCITY. THERE ARE 5 ERRORS IN THE ELAPSE TIME RECORDING. NO PAYLOAD. THE INS TAPE EVALUATION IS 20 PERCENT COMPLETE.

65M979 - 100 PERCENT OF THE MISSION OPERATED IN A PROGRAMMED V/H MODE OF .0131 RADIANS. THIS MAKES ALTITUDE DETERMINATION IMPOSSIBLE. SEVERAL FORMAT ERRORS EXISTS IN THE DATA LISTING. NO PAYLOAD. INS EVALUATION 50 PERCENT COMPLETE.

65T831 - 80 PERCENT OF MISSION OPERATED A PROGRAMMED V/H RECORDING. THIS ELIMINATES ANY ALTITUDE COMPUTATIONS FROM THESE

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POSITIONS OF THE MISSION. FOR EXAMPLE, ALTITUDES COMPUTED FOR V/H IN THIS AREA VARY 13,000 FT. IN 5 SECONDS. THERE ARE 20 FORMAT ERRORS ON THE TAPE. INS TAPE EVALUATION 40 PERCENT COMPLETE.

000A28 - THE V/H REMAINED CONSTANT THROUGHOUT THE ENTIRE MISSION AT 00128. THERE ARE 21 FORMAT ERRORS ON THE TAPE. INS TAPE EVALUATION 30 PERCENT COMPLETE.

000142 - 100 PERCENT OF THE MISSION OPERATED IN A PROGRAMMED V/H MODE OF .0129 RADIANS. THIS MAKES ALTITUDE DETERMINATION IMPOSSIBLE. NUMEROUS FORMAT ERRORS OCCURRED THROUGH-OUT THE DATA LISTING. NO PAYLOAD. INS EVALUATION IS 25 PERCENT COMPLETE.

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--END OF MESSAGE--

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