

SUNDANCE - LUMINARY DIFFERENCES

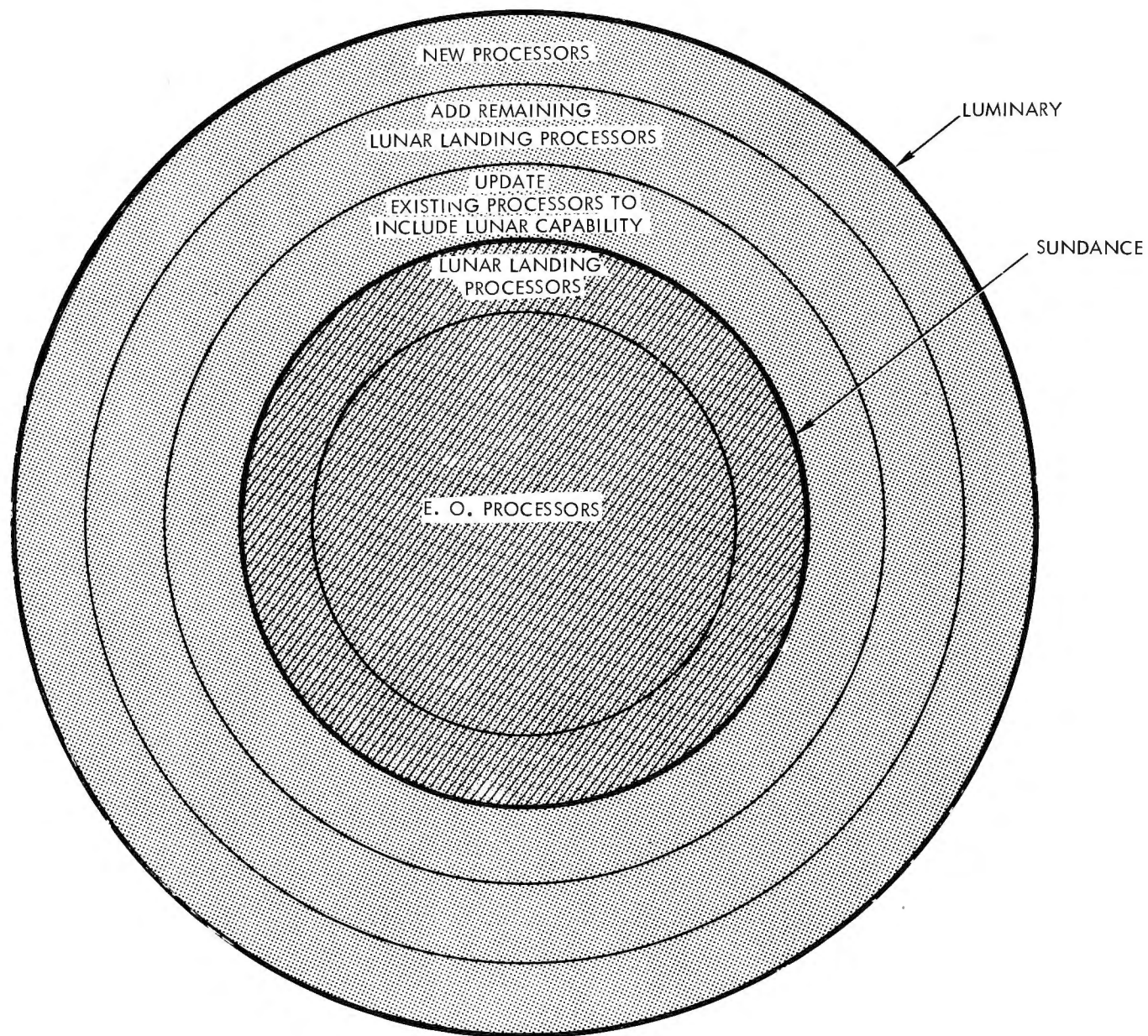
T.F. GIBSON

REQUIRED MANNED LGC PROGRAMS

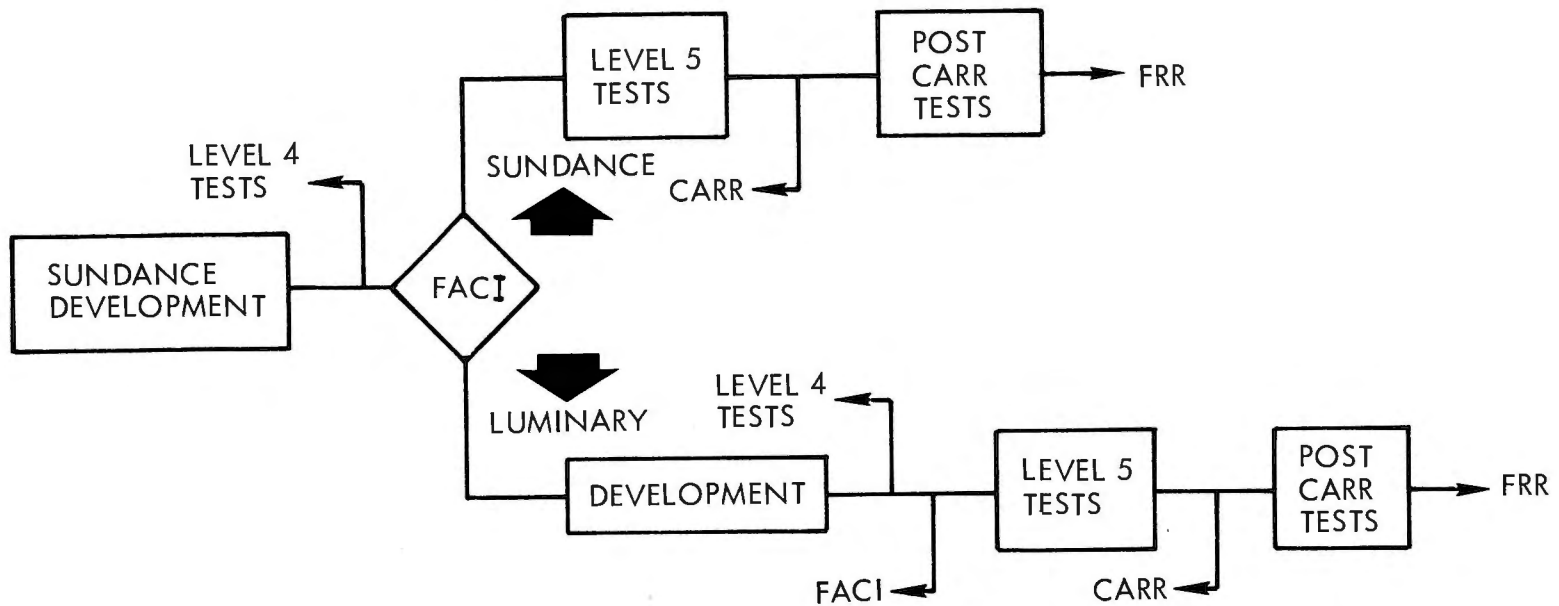
PERFORM:
**EARTH ORBITAL
MISSIONS**

PERFORM:
**LUNAR LANDING
PLUS
EARTH ORBIT MISSIONS**

SUNDANCE-LUMINARY DEVELOPMENT CONCEPT



SUNDANCE/LUMINARY DEVELOPMENT



LUMINARY DEVELOPMENT EFFORT

		MODIFICATIONS	ADDITIONS	REPLACEMENTS	NO CHANGE	PERCENT EFFORT REMAINING
MISSION CONTROL	4	1	0	18	80%	
ALIGNMENT	1	0	0	6	40%	
NAVIGATION	1	1	0	3	70%	
TARGETING	0	0	0	2	50%	
POWERED GUIDANCE	5	0	0	4	80%	
AUTOPILOT	0	1	3	7	30%	
BASIC MATH	0	0	0	11	40%	
UTILITY AND SERVICE	8	0	0	27	10%	
SPECIAL	1	2	0	11	60%	
TOTALS	20	5	3	89		

FLIGHT TEST VERIFICATION OF LUMINARY DESIGN CONCEPTS

