

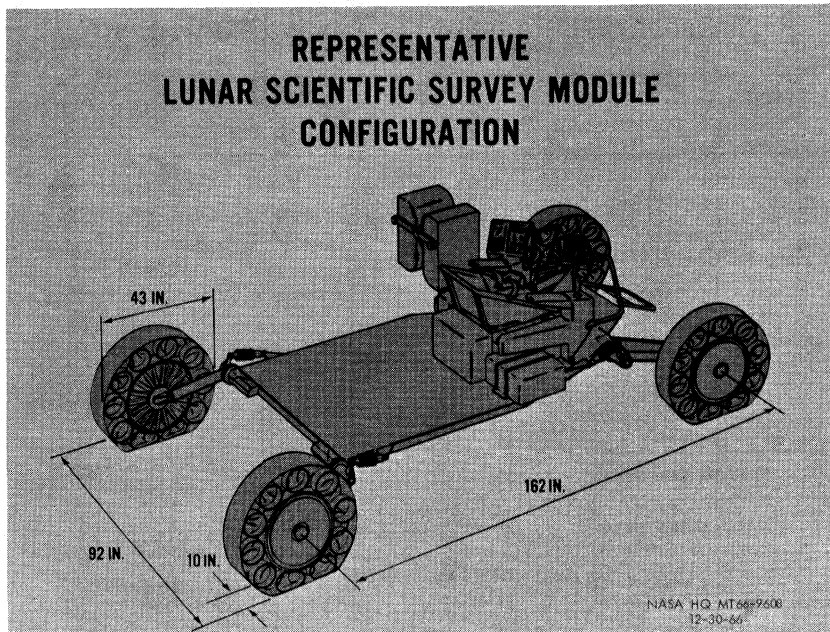


FIGURE 17

OBJECTIVES OF MOBILE LUNAR EXPLORATION PHASE

PRIMARY - BROADEN AND INTEGRATE OUR KNOWLEDGE OF THE MOON THROUGH LONG RANGE, LONG DURATION REGIONAL STUDIES. MOBILE MODE REQUIRED TO:

- 1. STUDY WIDELY SEPARATED SITES YET OBTAIN CORRELATIVE INTER-SITE INFORMATION.**
- 2. PERFORM GEOPHYSICAL SURVEYS WITH WIDE STATION SPACING.**
- 3. CONDUCT INTEGRATED SAMPLING WHICH CROSSES MAJORITY OF STRATIGRAPHIC UNITS.**
- 4. PROVIDE CONTINUOUS "GROUND TRUTH" DATA FOR INTERPRETING ORBITAL SENSORS.**

SECONDARY - COMPLETE EVALUATION OF MOON AS A SITE FOR OBSERVATORIES AND LABORATORIES.

- SELECT CANDIDATE SITES FOR FUTURE BASES.**

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FIGURE 18