

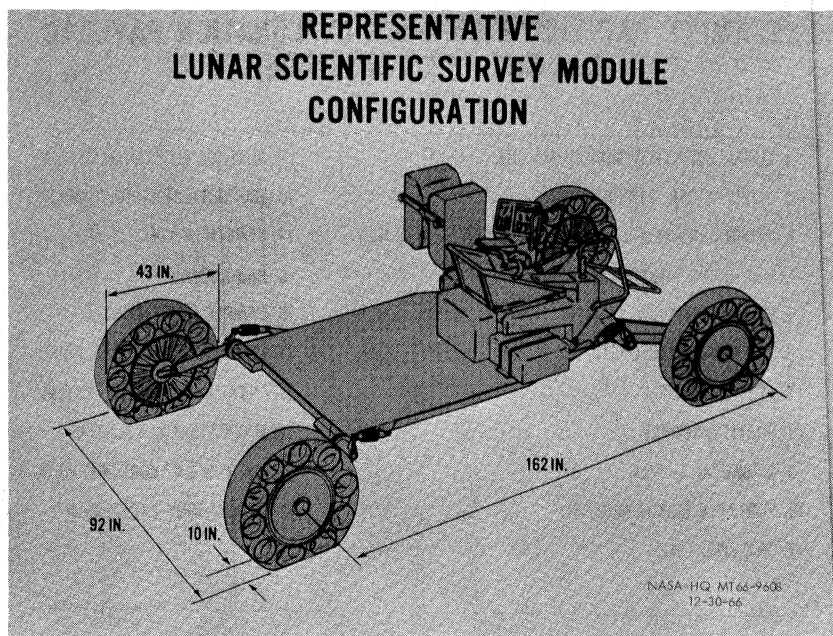


FIGURE 123

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 124