



NOTES ON BASE
The base chart was prepared by AGC with advisory assistance from G. Arthur Koenig and his collaborators, D. W. G. Arthur and J. A. Whitaker.

SCALE
The horizontal and vertical positions of features on this chart are based on information measurements made by AGC and published in AGC Technical Paper No. 15, Coordinates of Lunar Features, March 1965. The nominal lunar figure is that of a sphere corresponding to the mean lunar radius of 1738 kilometers. Supplementary positions are developed in the chart area as an extension of the primary control.

RELATIONS
Radial vector lengths are the distances from the geometric center of the moon to the center of the crater rim or the designated position of the feature measured. The lengths of the radial vectors are expressed in kilometers.

RELATIONS
The relative elevations of crater rims and other prominences above the surrounding terrain and depths of craters are not known. They were determined by the distance-measuring techniques as referred by the Department of Astronautics, Manned Space Laboratory, under the direction of Professor Zdenek Kopal. The probable error in distance measurements is 100 meters.

RELATIONS
Depth of craters (rim to floor) 1400-4000
Relative elevations (relative to surrounding terrain) with direction and extent of measured data indicated in parentheses 200

NAMES
Feature names were adopted from the 1952 International Astronomical Union nomenclature system as amended by Commission 16 of the IAU, 1961 and 1964. Supplementary features are associated with the named features through the addition of identifying capital letters.

RELATIONS
Names of the supplement, identified features are denoted within the parentheses with the named feature as appears. A block of a, outside, where necessary, to identify the exact feature or features name.

RELATIONS
The collection of the lunar surface features shown on this chart is interpreted from photographs taken of the moon by the Lunar Orbiter and Surveyor spacecraft. The photographs were taken by the Lunar Orbiter 1, 2, 3, 4, and 5, and the Surveyor 1, 2, and 3. The photographs were processed by the Lunar Orbiter Image Recovery Project, NASA, and the Surveyor Image Recovery Project, NASA. The photographs were processed by the Lunar Orbiter Image Recovery Project, NASA, and the Surveyor Image Recovery Project, NASA. The photographs were processed by the Lunar Orbiter Image Recovery Project, NASA, and the Surveyor Image Recovery Project, NASA.

RELATIONS
Lunar base (chart LAC 110, 1st edition, 1967) by the U.S. Air Force Operational Chart and Information Center, Los Angeles, California. Lunar base (chart LAC 110, 1st edition, 1967) by the U.S. Air Force Operational Chart and Information Center, Los Angeles, California. Lunar base (chart LAC 110, 1st edition, 1967) by the U.S. Air Force Operational Chart and Information Center, Los Angeles, California.

RELATIONS
Mapped 1971-72. Principal sources of geographic information: Published photographs from the Lunar Orbiter and Surveyor Observations, full moon phase 5818 taken at U.S. Naval Observatory, Flagstaff, Arizona; Lunar Orbiter IV high-resolution photographs shown on photo index map.

RELATIONS
Prepared on behalf of the National Aeronautics and Space Administration under contract No. N14-73.

RELATIONS
NOTE: In all crater units, the letter 'a' in parentheses refers to the base chart (LAC 110) and 'b' to this material.

RELATIONS
INDEX MAP OF THE EARTH'S HEMISPHERE OF THE MOON
Number above quadrangle name refers to lunar base chart (LAC series); number below refers to published geologic map.

RELATIONS
LUNAR ORBITER IV HIGH-RESOLUTION COVERAGE OF SCHICKARD QUADRANGLE

GEOLOGIC MAP OF THE SCHICKARD QUADRANGLE OF THE MOON

By
Thor N. V. Karlstrom
1974

INDEX MAP OF THE EARTH'S HEMISPHERE OF THE MOON
LUNAR ORBITER IV HIGH-RESOLUTION COVERAGE OF SCHICKARD QUADRANGLE

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