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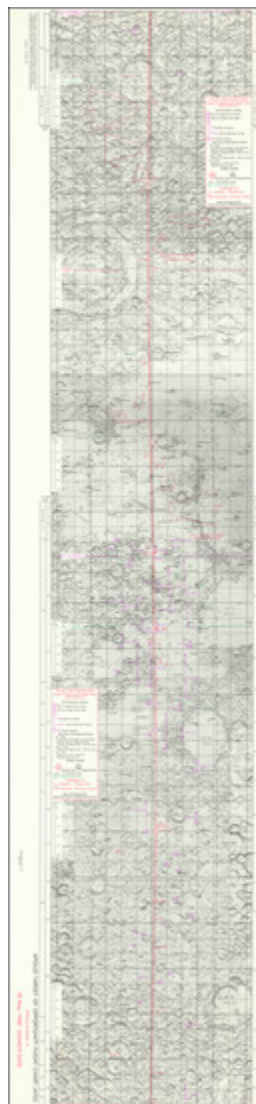
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Apollo Target of Opportunity Flight Chart (ATO). Apollo Mission 10. 18 May 1969 Launch Date

Stock#: 95592
Map Maker: NASA / Aeronautical Chart and Information Center
Date: 1969 May
Place: n.p. (St. Louis Arsenal, Missouri?)
Color: Color
Condition: VG+
Size: 58 x 12 inches
Price: \$ 495.00



Description:

This Apollo Target of Opportunity Flight Chart (ATO), prepared for the historic Apollo 10 mission, dated 18 May 1969, represents a critical navigational tool developed by the Aeronautical Chart and Information Center, United States Air Force, for the National Aeronautics and Space Administration. The chart encapsulates the complexity of lunar exploration at the height of the Space Race, illustrating the planned photographic reconnaissance and geological observations for one of NASA's final preparatory missions



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before the iconic Apollo 11 lunar landing.

The Apollo 10 mission served as a "dress rehearsal" for the imminent lunar landing, testing all the procedures, excluding the actual landing. This chart, elaborating on photography settings, film exposure settings, and various landmark data, was crucial in planning the mission's intricate maneuvers and scientific objectives, ensuring the crew's ability to locate and document specific lunar features.

The document is a testament to the technological innovation and collaboration of the era, noting the involvement of the Department of Defense and the United States Air Force in its preparation. The ATO chart's Mercator projection and detailed annotations on lens settings, frame intervals, and target numbers reflect the demanding precision required in space navigation and photography. Such charts were indispensable in maximizing the scientific yield of lunar missions, guiding astronauts to photograph and observe lunar phenomena and landmarks critical for future expeditions.

Detailed Condition: