



Diagram illustrating the geometry of a star sight. The angle between the line of sight to the star (GN) and the line of sight to the moon (MN) is $8\frac{1}{2}^\circ$. The distance to the star is 31 MILES, and the distance to the moon is 151 MILES.

U.S.G.S.
NEBRASKA
QUADRANGLE LOCATION
TOPOGRAPHIC DIVISION

2805
APR 17 1968

AMS 6765 III SE-SERIES V875