

Astronomy Observations

Astronomy Merit Badge

Scout Name: _____

Unit #: _____

Home Address: _____

REQUIREMENT 4

Instructions: At the Museum, ten constellations (four in the Zodiac) and eight stars (at least five of 1st magnitude or brighter) were observed. Repeat these observations in the real night sky. Have an adult verify the completion of these observations.

Constellations

Stars

Adult Signature: _____

Date: _____

REQUIREMENT 5D

Instructions: Observe Venus or Jupiter with binoculars or a small telescope. Identify the planet selected and describe and/or sketch what you were able to observe:

REQUIREMENT 6B

Instructions: Using a separate piece of paper, sketch the phase and the daily position of the Moon, at the same hour and place, for four days in a row. Include landmarks on the horizon such as hills, trees and buildings. Weather permitting, it is recommended that you begin these observations between three and seven days following a New Moon if you observe in the evening after sunset, or seven to ten days before a New Moon if you observe in the morning before sunrise.

Explain the changes that you observe:

Upon completion, return to the Hiller Aviation Museum **with your Blue Card** and a self-addressed, stamped envelope to have these Requirements and your Blue Card signed off. Make sure your address is full, complete and legible.

Hiller Aviation Museum
Attn: Observation Data
601 Skyway Rd.
San Carlos, CA 94070