Instructions

1. Do not open the exam envelop yourself.
2. This part of the exam involves observation with real sky. You must complete two tasks using the equipment provided.
3. Hand the exam envelope to the proctor at the exam station.
4. You have 6 minutes to complete the first task, and 4 minutes to complete the second task.
5. Once you complete a task, call out to the proctor to have it graded.
6. Once graded, that answer is considered final and you may not return to it again.
7. Once the timer has expired any ungraded task will be graded as is. (So make sure you complete the task before the timer has elapsed)

N1: Observation with Equatorial Mount Telescope

Instruction: Use the Equatorial Mount Telescope to observe the target given in the star chart. Write down the **Name** and make sure the target is **focused**.

Included:

- Equatorial Mount Telescope
- Mount is already polar aligned
- Eyepiece: 25 mm
- Finder scope already aligned with the main scope
- Telescope starts already pointing at “starting star” (see map)
- Star chart with starting and target position marked.

Target name: _____

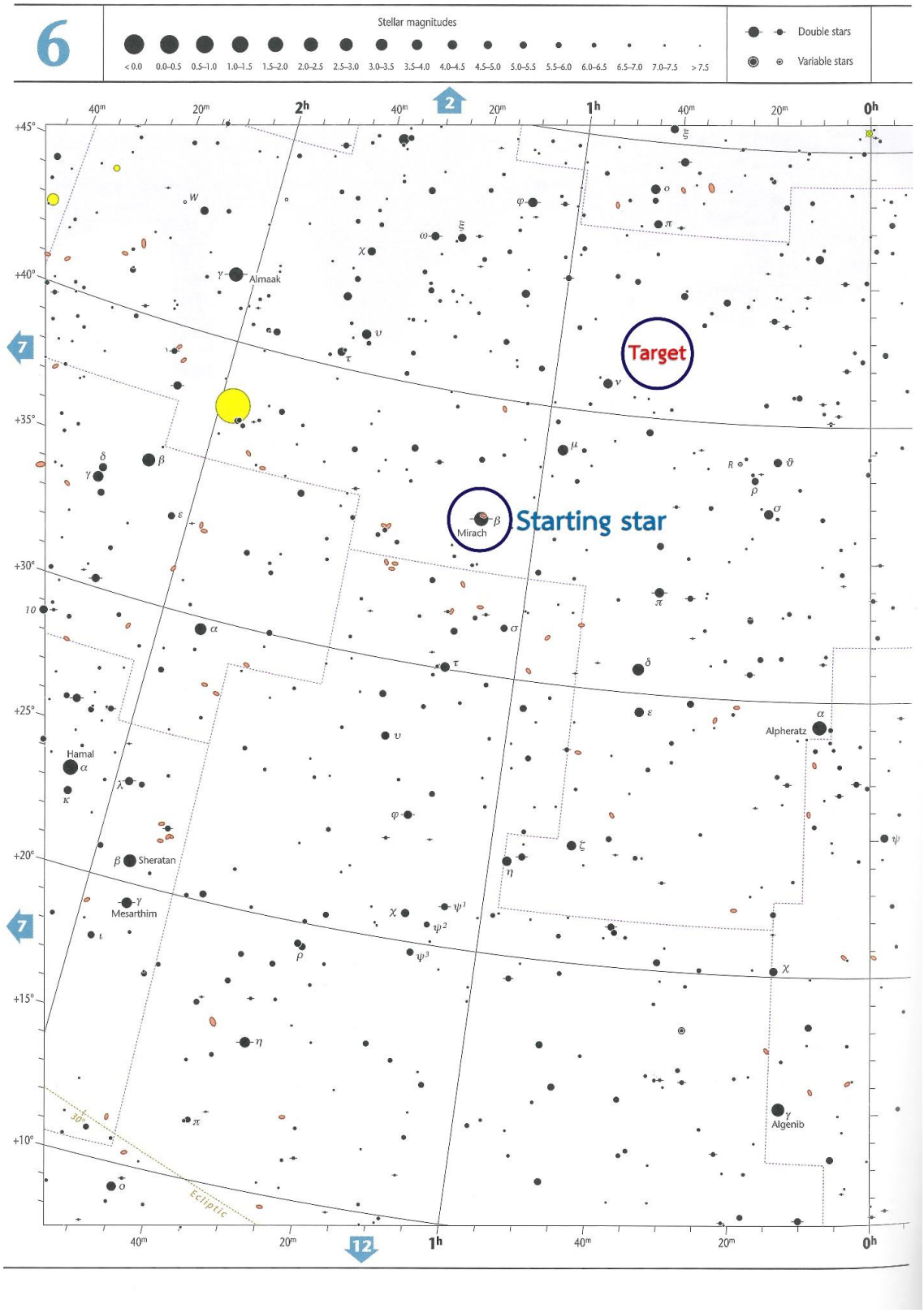
N2: Observation with Dobsonian Telescope

Instruction: Use the Dobsonian Telescope provided to observe **only one** of the following objects and **focus** on selected object.

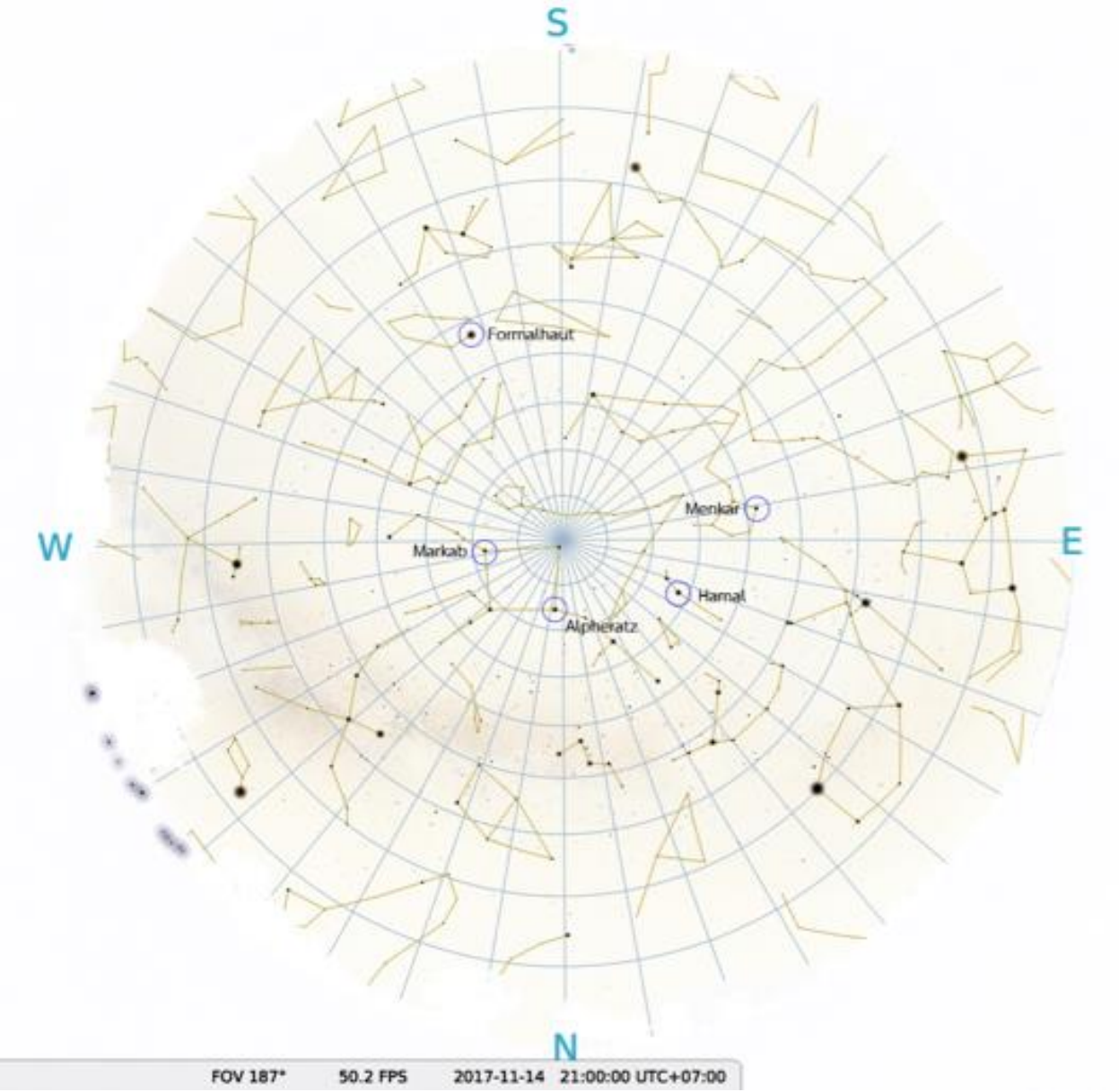
	Name	Bayer Designation
☐	Menkar	α Cet
☐	Markab	α Peg
☐	Hamal	α Ari
☐	Fomalhaut	α PsA
☐	Alpheratz	α And

Included:

- Dobsonian Telescope
- Eyepiece: 12 and 25 mm
- Finder scope is already aligned with main scope.



Note: To be provided attached to a clipboard at exam station



Note: approximate sky during exam hours (Not provided to the examinees)

Note: provided at exam station