

SESSION: [2019.xx]

Darkness

Dark sky

Country

Cottage

Suburban

Parking lot

Cloud Cover

Clear

Slightly

Cloudy

Mostly

Overcast

Seeing

Excellent

Good

Average

Poor

Bad

Setup: Physical

❖ Setup tripod

❖ Add support tray

❖ Install vibration pads

❖ Add OTA

❖ Connect, turn on power tank

❖ Turn on telescope

❖ Lower OTA to horizontal

❖ Tighten support tray

❖ Level the mount and tripod

Setup: Location

- ❖ Press Enter
- ❖ Choose Auto Two Star
- ❖ Press Undo twice
- ❖ Choose Custom Site
- ❖ Enter GPS coordinates

- CASM (75.38.38 W / 45.27.31 N)
- Backyard (75.45.32 W / 45.20.26 N)
- Knoxdale (75.46.17 W / 45.19.32 N)
- Chapters (75.54.52 W / 45.18.40 N)
- AstroPontiac. (75.59.38 W / 45.31.55 N)
- Carp (76.02.48 W / 45.21.01 N)
- FLO..... (76.15.83 W / 45.15.02 N)
- N.Frontenac . (76.56.20 W / 44.55.04 N)
- Cottage (78.47.34 W / 44.36.35 N)
- Other: x_____x / x_____x

❖ Enter time x_____x

❖ Enter date x_____x

❖ Enter Daylight Savings Time

❖ Enter Timezone

Setup: Alignment

❖ Choose which 2 Stars to align

January:

- Capella / Aldebaran
- Deneb / Arcturus

February:

- Sirius / Rigel
- Vega / Hamal

March:

- Sirius / Rigel
- Vega / Hamal

April:

- Regulus / Procyon
- Vega / Hamal

May:

- Regulus / Arcturus
- Polaris / Mira

June:

- Vega / Arcturus
- Bogardus / Markab

July:

- Vega / Arcturus
- Capella / Denebola

August:

- Altair / Deneb
- Capella / Denebola

September:

- Altair / Rasalhague
- Alkaid / Procyon

October:

- Altair / Vega
- Alkaid / Procyon

November:

- Altair / Vega
- Vega / Denebola

December:

- Enif / Hamal
- Alkaid / Altair

❖ Choose Star 1

❖ Find with TelRad and press Enter

❖ Fine tune and press Align

❖ Choose Star 2 and slew near

❖ Find with TelRad and press Enter

❖ Fine tune and press Align

❖ Wait for "Alignment success"

❖ Test alignment with same stars

❖ Turn off TelRad

Setup: Tools

Viewing

- NexStar 8SE
- Binoculars
- J's scope
- Naked eye

Aids

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> Compass | <input type="checkbox"/> Hand-controller |
| <input type="checkbox"/> E-compass | <input type="checkbox"/> Wi-fi dongle |
| <input type="checkbox"/> Bubble level | <input type="checkbox"/> Smartphone |
| <input type="checkbox"/> E-level app | <input type="checkbox"/> Tablet |
| <input type="checkbox"/> Dew shield | <input type="checkbox"/> Notebook |
| <input type="checkbox"/> Dew heater | <input type="checkbox"/> Laptop |
| <input type="checkbox"/> Power tank | <input type="checkbox"/> Smartphone |
| <input type="checkbox"/> DC power | <input type="checkbox"/> Point & Shoot |
| <input type="checkbox"/> Batteries | <input type="checkbox"/> Webcam |
| <input type="checkbox"/> Laser pen | <input type="checkbox"/> DSLR |

TARGET 1A: [_____]

2" eyepieces

1.5" eyepieces

41mm Panoptic

25mm Plossl

36mm Hyperion

17.3mm Delos

27mm Panoptic

15mm Plossl

Powermate 2x

Focal reducer

Filters

Ultrablock

08 Light yellow

58 Green

Oxygen III

11 Yellow-Green

80A Blue

12 Yellow

82A Light blue

Variable Polarizing

15 Amber

Other: [_____]

Moon+SkyGlow

21 Orange

01A Skylight

Neutral Density 25

23A Light red

32 Magenta

25 Red

44A Blue-Green

Lunar & Planetary

29 Dark red

46 Deep blue

V-Block

30 Light magenta

57 Medium green

38A Dark blue

64 Blue-Green

Filter wheel

47 Violet

85 Salmon

Solar filter

56 Light green

LP: Ultra, Skyglow // **Planets:** V-Block, Planetary, Colors

Nebula: Ultra, OIII // **Moon:** Variable, Moon, ND, Lunar

TARGET 1B: [_____]

- | | | |
|--|---|---|
| <input type="checkbox"/> Sun | <input type="checkbox"/> Single star | <input type="checkbox"/> Open cluster |
| <input type="checkbox"/> Moon | <input type="checkbox"/> Double star ++ | <input type="checkbox"/> Globular cluster |
| <input type="checkbox"/> Planet | <input type="checkbox"/> Variable star | <input type="checkbox"/> Galaxy |
| <input type="checkbox"/> Constellation | | <input type="checkbox"/> Nebula |
| | | <input type="checkbox"/> Other: [_____] |
| <input type="checkbox"/> Custom list | <input type="checkbox"/> Lunar | <input type="checkbox"/> NGC |
| <input type="checkbox"/> RASC list | <input type="checkbox"/> Messier | <input type="checkbox"/> Other: [_____] |
-

NOTES

Repeat object

Imaged

Buddies: [xxx]

@LP: [xxx]

@MP: [xxx]

@HP: [xxx]

TARGET 2A: [_____]

2" eyepieces

1.5" eyepieces

41mm Panoptic

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-

NOTES

- Repeat object Imaged

Buddies: [xxx]

@LP: [xxx]

@MP: [xxx]

@HP: [xxx]

TARGET 3A: [_____]

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1.5" eyepieces

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| | | <input type="checkbox"/> Other: [_____] |
| <input type="checkbox"/> Custom list | <input type="checkbox"/> Lunar | <input type="checkbox"/> NGC |
| <input type="checkbox"/> RASC list | <input type="checkbox"/> Messier | <input type="checkbox"/> Other: [_____] |
-

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|--|---|---|
| <input type="checkbox"/> Sun | <input type="checkbox"/> Single star | <input type="checkbox"/> Open cluster |
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| | | <input type="checkbox"/> Other: [_____] |
| <input type="checkbox"/> Custom list | <input type="checkbox"/> Lunar | <input type="checkbox"/> NGC |
| <input type="checkbox"/> RASC list | <input type="checkbox"/> Messier | <input type="checkbox"/> Other: [_____] |
-

NOTES

Repeat object

Imaged

Buddies: [xxx]

@LP: [xxx]

@MP: [xxx]

@HP: [xxx]

TARGET 5A: [_____]

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1.5" eyepieces

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TARGET 5B: [_____]

- | | | |
|--|---|---|
| <input type="checkbox"/> Sun | <input type="checkbox"/> Single star | <input type="checkbox"/> Open cluster |
| <input type="checkbox"/> Moon | <input type="checkbox"/> Double star ++ | <input type="checkbox"/> Globular cluster |
| <input type="checkbox"/> Planet | <input type="checkbox"/> Variable star | <input type="checkbox"/> Galaxy |
| <input type="checkbox"/> Constellation | | <input type="checkbox"/> Nebula |
| | | <input type="checkbox"/> Other: [_____] |
| <input type="checkbox"/> Custom list | <input type="checkbox"/> Lunar | <input type="checkbox"/> NGC |
| <input type="checkbox"/> RASC list | <input type="checkbox"/> Messier | <input type="checkbox"/> Other: [_____] |
-

NOTES

Repeat object

Imaged

Buddies: [xxx]

@LP: [xxx]

@MP: [xxx]

@HP: [xxx]

TARGET 6A: [_____]

2" eyepieces

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TARGET 6B: [_____]

- | | | |
|--|---|---|
| <input type="checkbox"/> Sun | <input type="checkbox"/> Single star | <input type="checkbox"/> Open cluster |
| <input type="checkbox"/> Moon | <input type="checkbox"/> Double star ++ | <input type="checkbox"/> Globular cluster |
| <input type="checkbox"/> Planet | <input type="checkbox"/> Variable star | <input type="checkbox"/> Galaxy |
| <input type="checkbox"/> Constellation | | <input type="checkbox"/> Nebula |
| | | <input type="checkbox"/> Other: [_____] |
| <input type="checkbox"/> Custom list | <input type="checkbox"/> Lunar | <input type="checkbox"/> NGC |
| <input type="checkbox"/> RASC list | <input type="checkbox"/> Messier | <input type="checkbox"/> Other: [_____] |
-

NOTES

Repeat object

Imaged

Buddies: [xxx]

@LP: [xxx]

@MP: [xxx]

@HP: [xxx]

TARGET 7A: [_____]

2" eyepieces

1.5" eyepieces

41mm Panoptic

25mm Plossl

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LP: Ultra, Skyglow // **Planets:** V-Block, Planetary, Colors

Nebula: Ultra, OIII // **Moon:** Variable, Moon, ND, Lunar

TARGET 7B: [_____]

- | | | |
|--|---|---|
| <input type="checkbox"/> Sun | <input type="checkbox"/> Single star | <input type="checkbox"/> Open cluster |
| <input type="checkbox"/> Moon | <input type="checkbox"/> Double star ++ | <input type="checkbox"/> Globular cluster |
| <input type="checkbox"/> Planet | <input type="checkbox"/> Variable star | <input type="checkbox"/> Galaxy |
| <input type="checkbox"/> Constellation | | <input type="checkbox"/> Nebula |
| | | <input type="checkbox"/> Other: [_____] |
| <input type="checkbox"/> Custom list | <input type="checkbox"/> Lunar | <input type="checkbox"/> NGC |
| <input type="checkbox"/> RASC list | <input type="checkbox"/> Messier | <input type="checkbox"/> Other: [_____] |
-

NOTES

Repeat object

Imaged

Buddies: [xxx]

@LP: [xxx]

@MP: [xxx]

@HP: [xxx]

TARGET 8A: [_____]

2" eyepieces

1.5" eyepieces

41mm Panoptic

25mm Plossl

36mm Hyperion

17.3mm Delos

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LP: Ultra, Skyglow // *Planets:* V-Block, Planetary, Colors

Nebula: Ultra, OIII // *Moon:* Variable, Moon, ND, Lunar

TARGET 8B: [_____]

- | | | |
|--|---|---|
| <input type="checkbox"/> Sun | <input type="checkbox"/> Single star | <input type="checkbox"/> Open cluster |
| <input type="checkbox"/> Moon | <input type="checkbox"/> Double star ++ | <input type="checkbox"/> Globular cluster |
| <input type="checkbox"/> Planet | <input type="checkbox"/> Variable star | <input type="checkbox"/> Galaxy |
| <input type="checkbox"/> Constellation | | <input type="checkbox"/> Nebula |
| | | <input type="checkbox"/> Other: [_____] |
| <input type="checkbox"/> Custom list | <input type="checkbox"/> Lunar | <input type="checkbox"/> NGC |
| <input type="checkbox"/> RASC list | <input type="checkbox"/> Messier | <input type="checkbox"/> Other: [_____] |
-

NOTES

Repeat object

Imaged

Buddies: [xxx]

@LP: [xxx]

@MP: [xxx]

@HP: [xxx]

TARGET 9A: [_____]

2" eyepieces

1.5" eyepieces

41mm Panoptic

25mm Plossl

36mm Hyperion

17.3mm Delos

27mm Panoptic

15mm Plossl

Powermate 2x

Focal reducer

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LP: Ultra, Skyglow // **Planets:** V-Block, Planetary, Colors

Nebula: Ultra, OIII // **Moon:** Variable, Moon, ND, Lunar

TARGET 9B: [_____]

- | | | |
|--|---|---|
| <input type="checkbox"/> Sun | <input type="checkbox"/> Single star | <input type="checkbox"/> Open cluster |
| <input type="checkbox"/> Moon | <input type="checkbox"/> Double star ++ | <input type="checkbox"/> Globular cluster |
| <input type="checkbox"/> Planet | <input type="checkbox"/> Variable star | <input type="checkbox"/> Galaxy |
| <input type="checkbox"/> Constellation | | <input type="checkbox"/> Nebula |
| | | <input type="checkbox"/> Other: [_____] |
| <input type="checkbox"/> Custom list | <input type="checkbox"/> Lunar | <input type="checkbox"/> NGC |
| <input type="checkbox"/> RASC list | <input type="checkbox"/> Messier | <input type="checkbox"/> Other: [_____] |
-

NOTES

Repeat object

Imaged

Buddies: [xxx]

@LP: [xxx]

@MP: [xxx]

@HP: [xxx]

TARGET 10A: [_____]

2" eyepieces

1.5" eyepieces

41mm Panoptic

25mm Plossl

36mm Hyperion

17.3mm Delos

27mm Panoptic

15mm Plossl

Powermate 2x

Focal reducer

Filters

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TARGET 10B: [_____]

- | | | |
|--|---|---|
| <input type="checkbox"/> Sun | <input type="checkbox"/> Single star | <input type="checkbox"/> Open cluster |
| <input type="checkbox"/> Moon | <input type="checkbox"/> Double star ++ | <input type="checkbox"/> Globular cluster |
| <input type="checkbox"/> Planet | <input type="checkbox"/> Variable star | <input type="checkbox"/> Galaxy |
| <input type="checkbox"/> Constellation | | <input type="checkbox"/> Nebula |
| | | <input type="checkbox"/> Other: [_____] |
| <input type="checkbox"/> Custom list | <input type="checkbox"/> Lunar | <input type="checkbox"/> NGC |
| <input type="checkbox"/> RASC list | <input type="checkbox"/> Messier | <input type="checkbox"/> Other: [_____] |
-

NOTES

Repeat object

Imaged

Buddies: [xxx]

@LP: [xxx]

@MP: [xxx]

@HP: [xxx]