

Late Fall 2024 Targets

| Object / Name | Type | Constellation | Notes | Scope | Filter to Use | Exposure |
|-------------------------------------|------------|----------------------|---------------------------------|---------------------|-----------------|--|
| Starclouds: (Widefield) | | | | | | |
| Auriga | S. Cloud | Auriga | early Winter | Cannon 5mm | IR | 60 sec subs for 15 or 30 minutes |
| Taurus | S. Cloud | Taurus | early Winter | Cannon 5mm | IR | 60 sec subs for 15 or 30 minutes |
| Gemini | S. Cloud | Gemini | Winter | Cannon 5mm | IR | 60 sec subs for 15 or 30 minutes |
| Orion (Barnard's Loop) | S. Cloud | Orion | Winter | Cannon 5mm | IR | 60 sec subs for 15 or 30 to 60 minutes |
| Canis Major | S. Cloud | Canis Major | Winter | Cannon 5mm | IR | 60 sec subs for 15 or 30 to 60 minutes |
| Monoceros | S. Cloud | Monoceros | Winter | Cannon 5mm | IR | 60 sec subs for 15 or 30 minutes |
| General Objects: | | | | | | |
| M45 | O. Cluster | Taurus | "Pleades" | C25mm, EVO50, 8"SCT | IR / L-Pro | 60 sec / 3 min subs for 30 or 60 minutes |
| IC405 | E. Nebula | Auriga | "Flaming Star" | C25mm, EVO50, 8"SCT | IR / L-eNhnance | 60 sec / 3 min subs for 30 or 60 minutes |
| IC410 | E. Nebula | Auriga | "Tadpole Nebula" | C25mm, EVO50, 8"SCT | IR / L-eNhnance | 60 sec / 3 min subs for 30 or 60 minutes |
| M35 | O. Cluster | Gemini | | C25mm, EVO50, 8"SCT | IR / L-Pro | 60 sec / 3 min subs for 15 minutes |
| NGC2359 | E. Nebula | Canis Major | "Thor's Helmut" | C25mm, EVO50, 8"SCT | IR / L-eNhnance | 60 sec / 3 min subs for 30 or 60 minutes |
| IC2177 | E. Nebula | Monoceros | "Seagull Nebula" | C25mm, EVO50, 8"SCT | IR / L-eNhnance | 60 sec / 3 min subs for 30 or 60 minutes |
| Arp188 UGC10214 | Galaxy | Draco | "Tadpole Galaxy" | 8" SCT | L-Pro | 3 min subs for 30 or 60 minutes |
| SH2-261 | E. Nebula | Orion | "Lowers NeB" near Betelgeuse | C25mm, EVO50, 8"SCT | IR / L-eNhnance | 60 sec / 3 min subs for 30 or 60 minutes |
| NGC660 | Galaxy | Pisces | | 8" SCT | L-Pro | 3 min subs for 30 or 60 minutes |
| NGC428 | Galaxy | Cetus | | 8" SCT | L-Pro | 3 min subs for 30 or 60 minutes |
| NGC2276 & NGC2300 | Galaxy | Cepheus | see Dec Sky&Tel p.31 | 8" SCT | L-Pro | 3 min subs for 30 or 60 minutes |
| NGC2336 | Galaxy | Camelpardalis | see Dec Sky&Tel p.31 | 8" SCT | L-Pro | 3 min subs for 30 or 60 minutes |
| NGC6251 & NGC6252 | Galaxy | Ursa Minor | see Dec Sky&Tel p.29 | 8" SCT | L-Pro | 3 min subs for 30 or 60 minutes |
| NGC210 | Galaxy | Cetus | ring galaxy - EAA Obs | 8" SCT | L-Pro | 3 min subs for 30 or 60 minutes |
| NGC2633 | Galaxy | Camelpardalis | widefield* contains IFN (EAA) | 8" SCT | L-Pro | 3 min subs for 30 or 60 minutes |
| ORAS C14 Objects: | | | | | | |
| IC342 | Galaxy | Camelpardalis | "Hidden Galaxy" | C14 | L-Pro | 3 or 5 minute subs for 30 to 60 minutes |
| M33 | Galaxy | Triangulum | see November Sky&Tel | C14 | L-Pro | 3 or 5 minute subs for 30 to 60 minutes |
| NGC6946 | Galaxy | Cepheus | "FireWorks Galaxy" | C14 | L-Pro | 3 or 5 minute subs for 30 to 60 minutes |
| Cassiopeia A | SNR | Cassiopeia | RA: 23h 23m 24s Dec: +58° 48.9' | C14 | L-eNhnance | 3 or 5 minute subs for 30 to 60 minutes |
| NGC246 | P. Nebula | Cetus | "Skull nebula" | C14 | L-eNhnance | 3 or 5 minute subs for 30 to 60 minutes |
| NGC891 | Galaxy | Andromeda | | C14 | L-Pro | 3 or 5 minute subs for 30 to 60 minutes |
| NGC7714 & 7715 (Arp284) | Quasar | Pisces | QSO2333+019 | C14 | L-Pro | 3 or 5 minute subs for 30 to 60 minutes |
| Solar System Objects: | | | | | | |
| Saturn & Moons | Planet | Aquarius | | 8" SCT | IR | see the TheSkyLive for charts |
| Jupiter & Moons | Planet | Taurus | | 8" SCT | IR | see the TheSkyLive for charts |
| Uranus & Moons | Planet | Taurus | | 8" SCT | IR | see the TheSkyLive for charts |
| Neptune & Moons | Planet | Pisces | | 8" SCT | IR | see the TheSkyLive for charts |
| Comet C/2023 A3 (Tsuchinshan-ATLAS) | Comet | Serpens, near Aquila | 8th mag | 8" SCT | L-Pro | see the TheSkyLive for charts |
| Project Objects: | | | | | | |
| SH2 Project - Book | E. Nebula | | | EVO50mm & 8" SCT | L-eNhnance | 3 minute subs for 15 or 30 min ROI=4144 |
| Abell Galaxy Clusters - Book | Galaxy | | | 8" SCT | L-Pro | 3 minute subs for 30 min ROI=2072x1410 |
| Palomar Galaxy Clusters - Book | Galaxy | | | 8" SCT | L-Pro | 3 minute subs for 15 min ROI=2072x1410 |
| Arp Peculiar Galaxies - Book | Galaxy | | | 8" SCT | L-Pro | 3 minute subs for 30 min ROI=2072x1410 |
| Experimental: | | | | | | |
| Late Adds: | | | | | | |

Notes: