ScopeX 2018 winner: Chris Curry

This telescope was built as an experiment to see how light and portable I could make a telescope. The tube is made of a layer of fiberglass cloth, a layer of 1.5mm hard foam and finally a layer of carbon fibre. The spider, focuser base, tube end cap and most of the mirror cell are 3D printed at a 20% infill. The stand is made of cheap but light 12mm pine ply and all bearings are Teflon running on a plain painted surface. The 6 inch F3 mirror is a float glass 25mm blank and asn't too difficult to figure and gives pretty good views of open clusters.

The finished telescope weighs 3.9kg.