

40 INCH TELESCOPE MAINTENANCE AND LUBRICATION RECORD

YEAR (_____)

Maintenance Performed	Hz	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Dome Shutter													
Grease upper and lower tracks	4												
Grease opener lead screw (white grease)	6												
Dome Drive													
Check gearbox fluid level	1												
Clean drive wheel and wheel track	1												
Dome													
Grease track	2												
Lube dome wheels – zerks	2												
Lube hurricane wheel zerks	2												
Lube windscreen drive – up & down units	1												
Inspect slip-rings – service as needed	1												
Check dome fans	1												
Telescope													
Dust off telescope frame and mount	2												
Check slew and tracking belts	2												
Check secondary focus belt	2												
Co ₂ clean primary	12												
Air Compressor													
Check belt condition & tension	2												
Drain condensation from compressor tank	12												
Change compressor oil	1												
Drain the two water separators on dome floor	12												
Air Conditioner													
Clean/change 40" control room ac filter	2												

Notes: