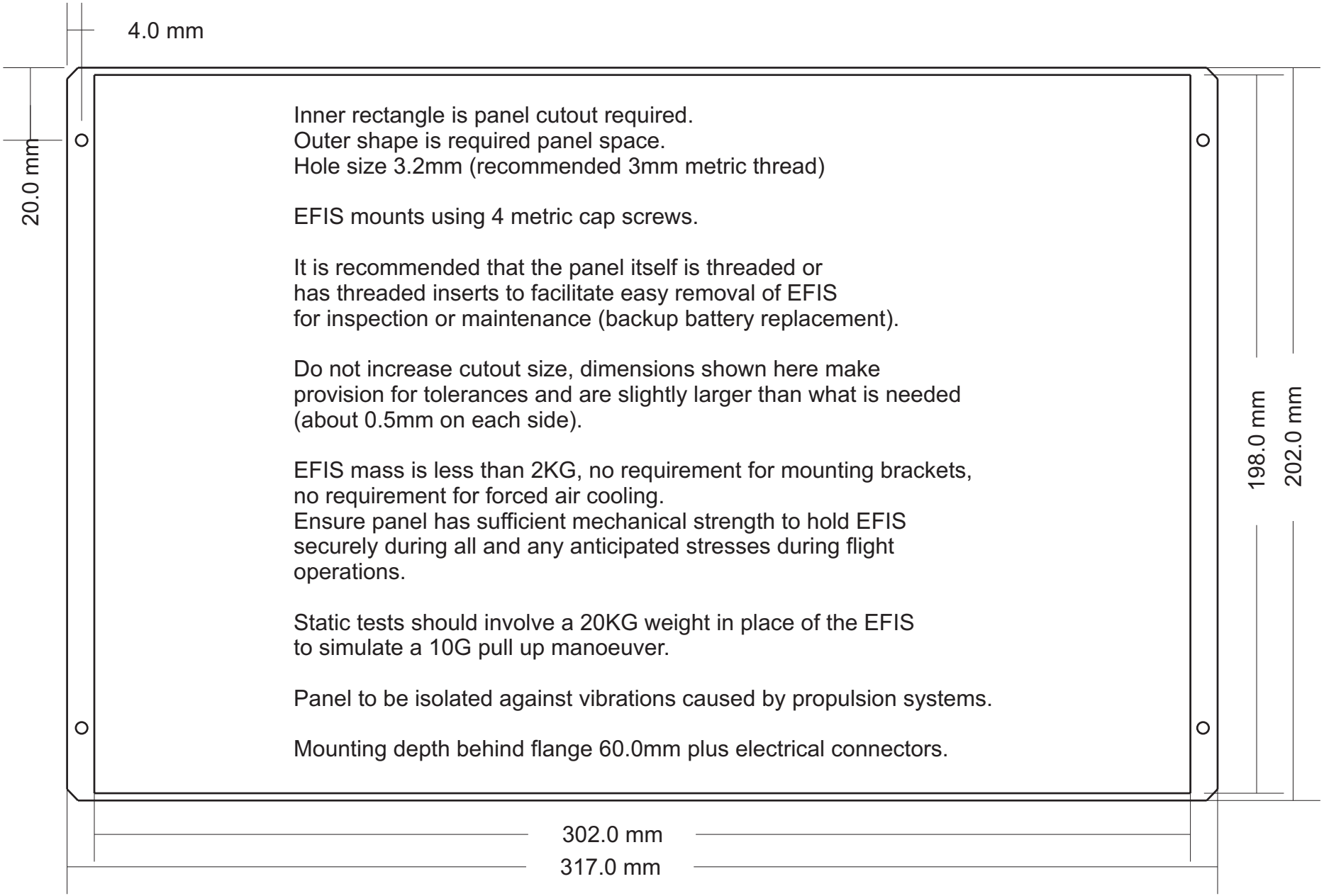
MGL Avionics Stratomaster Odyssey panel cutout dimensions



Inner rectangle is panel cutout required.
Outer shape is required panel space.
Hole size 3.2mm (recommended 3mm metric thread)

EFIS mounts using 4 metric cap screws.

It is recommended that the panel itself is threaded or has threaded inserts to facilitate easy removal of EFIS for inspection or maintenance (backup battery replacement).

Do not increase cutout size, dimensions shown here make provision for tolerances and are slightly larger than what is needed (about 0.5mm on each side).

EFIS mass is less than 2KG, no requirement for mounting brackets, no requirement for forced air cooling.
Ensure panel has sufficient mechanical strength to hold EFIS securely during all and any anticipated stresses during flight operations.

Static tests should involve a 20KG weight in place of the EFIS to simulate a 10G pull up manoeuver.

Panel to be isolated against vibrations caused by propulsion systems.

Mounting depth behind flange 60.0mm plus electrical connectors.