Maintenance

1) Apply a good grade all weather grease (lithium) to the shutter drive gear teeth and shutter worm gear. Also apply along the top edges and sides of the shutter drive track. This area should be greased at least once a year depending on the amount of use.

2) Apply a coating of any dry type spray-on lubricant to the weather seals on either side of the dome aperture once a year. This will help to extend the life of the weather seal material.

3) The oil levels in the azimuth and shutter drive gearboxes are checked at Ash-Dome. The gearboxes should not require maintenance unless a leak is discovered. Complete gearbox maintenance is covered in the literature with your Ash-Dome information package.

4) Apply light oil to the dome rollers and shutter rollers once a year.

5) MEBH Models should have the hydraulic oil every 6 months. The hydraulic oil used is an ‘All Temperature’ type. With the lower shutter section closed, with the power off, remove the breather cap on the hydraulic pump reservoir, this will unscrew. Look into the reservoir, it should be about halfway full.

6) All ‘M’ Models should have the dome track greased in the area between the dome rollers and the underside of the track. Once a year depending on the amount of use.

7) Touch up any welds or areas with any rust inhibiting type paint if necessary. All welds and any exterior areas have been spray painted with a rust inhibitor but after time in may be necessary to touch up an area.

8) If painting the dome is necessary it should be cleaned with a detergent and allowed to dry. After which any high quality metal paint can be used. See a local supplier and inquire about any type commercial grade paint used on metal buildings.

Owners Responsibility:

As the owner you are responsible for maintaining your Ash-Dome. Do not let unqualified people operate this equipment. This is the major cause of equipment failures. Repairs or any modifications made to this equipment are the owner’s responsibility.

Should any unusual conditions be noticed which appear to be beyond the capabilities of a local mechanic please contact this office.

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