ROUTINE JACK MAINTENANCE BULLETIN

RJM 102

TO PROVIDE COMPLETE INFORMATION ON SERVICING ColumbusJACK/REGENT QUALITY GROUND HANDLING EQUIPMENT

PROCEDURE FOR WINTERIZATION OF HYDRAULIC AIRCRAFT JACKS

The following procedures should be utilized for optimum operational characteristics when using jacks at various temperature extremes:

1) Above 0°F (-18°C)

   Use MIL-H-5606, or equal, with no further additive required.

2) At 0°F (-18°C) to -20°F (-29°C)

   Use a mixture of 75% MIL-H-5606, or equal, and 25% kerosene.

3) Below -20°F (-29°C)

   Use a mixture of 50% MIL-H-5606, or equal, and 50% kerosene.

Due to most company, safety, or union regulations which restrict employees from working out-of-doors below -30°F (-34°C), there is a lack of experience beyond this point. It is permissible, however, to increase the percentage of kerosene up to 100%. As the ambient temperature increases, MIL-H-5606, should be added back to the system in the appropriate mixture.

The air supply should be clean and dry. At -30°F (-34°C), the air pump will start to react sluggishly and continue to operate less efficiently as the temperature decreases when a normal air supply is used. The problem can be eliminated by using a dry nitrogen source of sufficient capacity.

To ease the operation of the locknut(s) and screw extension, use "Never Freeze" by Snap-On, or equal, and apply liberally to the thread surfaces.

2222 S. Third St., Columbus, OH 43207 - Tel: 614 443 7492 - Fax 614 444 9337 - email: sales@columbusjack.com - www.columbusjack.com