AIRCRAFT TIRE SERVICE BULLETIN

AIRCRAFT TIRE BURSTS

Any inflated aircraft tire represents a tremendous amount of potential energy. If improperly treated, a tire can burst. Tire bursts may occur due to service conditions such as:

- Overheating due to excessive taxiing, or operating with the tire underinflated/overloaded
- Excessive wheel heating due to high energy braking or a dragging brake

⚠WARNING

Forces from tire bursts can cause personal injury or death.

⚠WARNING

Do not probe cracks, cuts or embedded foreign objects while tire is inflated. Such action could further damage a tire causing it to rupture resulting in equipment damage, personal injury or death.

⚠WARNING

Do not use sharp objects on or near the inflated tire such as razor blades. Such action could further damage a tire causing it to rupture resulting in equipment damage, personal injury or death.

⚠WARNING

When inflating a tire/wheel assembly, the supply line should be regulated to a pressure no more than 50% higher than the tire service pressure. Failure to do so could result in equipment damage, personal injury or death.

⚠WARNING

In order to avoid the possibility of personal injury or death, a tire/wheel assembly that has been damaged in service should be deflated by a remote means. If this is not possible, the tire/wheel assembly should be allowed to cool for a minimum of three (3) hours before the tire is deflated.

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