

Aviation Products Systems Inc.

Brake Lining Conditioning

Metallic & Semi Organic Linings

Conditioning Procedure for Avpro Linings

Metallic Linings

Avpro linings are an iron based metallic based compound. These linings must be properly conditioned in order to provide optimum performance and service life.

- 1) Taxi aircraft at a high rate of speed (30-35 kts.) .
- 2) Apply brakes with a slightly heavier than normal pressure.
- 3) Repeat the above operation for a second time.

Note: During this process it is very important not to allow the brakes to cool significantly between stops.

Semi Organic Linings *

- 1) Taxi aircraft for 1500 with engine at 1700 rpm applying brake pedal forces needed to develop a 5-10 mph taxi speed.
- 2) Allow brakes to cool for 10-15 minutes.
- 3) Apply brakes to confirm that normal pressure will hold the aircraft at high level static run-up power settings.
- 4) If static run-up cannot be held repeat steps 1 through 3 as needed to successfully hold.

* Semi Organic Linings are suitable for use with all types steel or chrome plated brake discs.