Thank you for choosing Donaldson replacement filters. Donaldson filters are specially designed for your aircraft engine. To properly maintain your air intake system, please follow the recommended service guidelines and cleaning instructions detailed in this document.

### General Service Guidelines

**Storage**
When storing new and cleaned air filters, be sure they are protected from dust and potential damage.

**Recommended Service Schedule**
Replace your air filter after three years, five cleanings or 500 flight hours; whichever occurs first.

**DO NOT** over-service the filter. Over-servicing increases the risk of damage to the air filter from excessive handling and unnecessarily exposes the engine to dirty air.

**Service Guidelines**
Maintain the filter housing and air transfer duct so there are no dust leaks to the engine.

- **DO NOT** install a wet air filter on the engine; i.e., after cleaning.
- **DO NOT** clean or reuse damaged filters.
- **DO NOT** clean or reuse damaged filters.
- **DO NOT** use solvents or gasoline to clean filters.
- **DO NOT** clean or reuse damaged filters.

**PRE-FLIGHT INSPECTION**
Visually inspect the air filter without removing it from the housing during each pre-flight inspection. Remove and clean the filter only if excessive dust or other contaminants are visible.

### Cleaning Instructions

The air filter can be cleaned either by compressed air or washing in a solution of detergent (any general purpose detergent may be used) and water. The compressed air cleaning method is recommended when the air filter has only dust on it. Washing is recommended when the air filter contains a combination of dust and oil or carbon. The instrument air filters (noted on back page) are NOT cleanable.

**Compressed Air Cleaning**
1. To prevent damage to the air filter, use compressed air less than 10 psi, and keep the nozzle at least one inch away from the filter.
2. Blow the compressed air through the filter in the direction opposite the normal airflow (opposite the airflow arrow).
3. Blow air through the filter until no more dust is being removed. The filter is ready for inspection.

### Detergent & Water Cleaning
1. Remove loose dust by running water through the filter in the opposite direction of the normal airflow. Use a gentle water stream of less than 40 psi.
2. Mix 1 ounce of detergent per 2 gallons of water, warm or cold, soft or hard (one cup per 16 gallons).
3. Rinse the filter opposite the airflow with a gentle stream of water (less than 40 psi) to remove all suds and dirt. If the clean side has been contaminated with dirty water during the soak cycle, rinse from both sides will be necessary.
4. Dry the filter thoroughly before reuse. Warm air of less than 160 degrees Fahrenheit must be circulated. Do not use a light bulb to dry the filter. The filter is now ready for inspection.

### Installation
1. Inspect the housing surface on which the filter seals. It must have a clean, smooth and flat surface.
2. Reinstall the filter. Be sure it is mounted securely and there are no dust leaks past the edge of the filter and gasket.
3. This a dry-type filter – **DO NOT** apply oil to the filter.

*This document replaces bulletins 1400-26 and 7478/87.*
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