



B. Biocidal Additive

CAUTION: • **DRAIN ALL SUMPS PRIOR TO REFUELING. EXCESSIVE WATER CONCENTRATIONS IN CONTACT WITH EXCESSIVE BIOBOR JF CONCENTRATIONS CAN RESULT IN FORMATION OF SOLID CRYSTALLINE PRODUCTS IN A FUEL SYSTEM.**

• **DUE TO CHEMICAL COMPOSITION OF FUEL ADDITIVES, IMPROPER BLENDING CAN CAUSE DETERIORATION OF FUEL TANK INTERIOR FINISHES AND PROMOTE CORROSION. DO NOT ALLOW CONCENTRATED ADDITIVE TO CONTACT COATED INTERIOR OF FUEL TANK OR AIRCRAFT PAINTED SURFACES.**

• **OVER-THE-WING MIXING OF BIOBOR IS NOT APPROVED.**

(1) Biobor JF is an effective biocide approved for use in the Model 60 aircraft when this biocide has been premixed in the proper proportions prior to fueling aircraft. This additive is strictly for microbial protection and is not an anti-icing agent. Biobor JF can be used in concentrations of up to but not to exceed 270 ppm. For additional information, refer to Biobor Service Bulletin 982.

NOTE: • **Shock treatment is defined as fueling the aircraft with fuel containing Biobor JF in concentrations of 270 ppm. This concentration is used if microbial growth is suspected. When using this concentration, check fuel filters for contamination twice at approximately 10-hour intervals.**

• **Preventive treatment is defined as fueling the aircraft with fuel containing Biobor JF in concentrations of 135 ppm. This is for day-to-day type operations. When using this concentration, check fuel filters once after approximately 50 hours operation.**

• **For microbial protection, it is recommended that fuel containing Biobor JF be used in the concentration specified, at least once a week for aircraft in regular use and whenever a fueled aircraft will be out of service for a week or more.**

• **Learjet approves the use of a metered injection system for adding Biobor JF concentrations to aviation turbine fuel. Metered injections eliminate problems associated with batch-blending and over-the-wing addition. It also ensures complete dispersion and continuous dilution at the correct level when injected in a flowing stream of fuel. Complete dispersion is important in wing tanks with baffles and in aircraft where fuel cannot be recirculated to promote mixing.**

3. Refueling

NOTE: For microbial protection, it is recommended that fuel containing Biobor JF be used in the concentration specified, at least once a week for aircraft in regular use and whenever a fueled aircraft will be out of service for a week or more.

A. Approved Fuels (Refer to FAA Approved Airplane Flight Manual.)

NOTE: The use of aviation gasoline is not approved.