



# BIOBOR JF®

The Worldwide Standard Since 1965

## Aviation Turbine and Jet Fuels Microbiocide

**BioborJF®** was specially formulated and introduced in 1965 to one of the harshest and most safety-conscious industries in the world, the commercial and military jet aircraft industry. For over 45 years **BioborJF®** has maintained and even enhanced its position as the worldwide leader in the disinfection of microbial growth in both jet and turbine engines and jet fuel storage tanks.

Microbial growth in the form of **fungus** and **slime** can grow in jet fuel tanks. This growth can **clog filters** and **corrode metal parts** and surfaces, adversely affecting the **performance, safety** and **structural integrity** of the aircraft. Since 1965 **BioborJF®** has held its position as the **world leader** in the control of microbial growth in jet fuel systems. When used in a **conscientious** fuel treatment program, **BioborJF®** will help **prevent corrosion, keep fuel filters clean** and **protect elastomeric** fuel system components, thereby substantially **lowering maintenance costs** and **improving fuel quality**.

Although microbes require water to multiply, they are found **throughout** the fuel **system** where even the least amount of water can be found. Since **BioborJF®** blends in **both** fuel and water, once treated, the **entire fuel supply** becomes poison to the microbe, **protecting** your fuel **tanks** and **air frame**. Once killed, the dead microbes are **flushed through** and **trapped in the filter** system or removed through tank cleaning. Once the tank is sterilized with **BioborJF®**, with proper maintenance dosages, the **microbes cannot grow back**.

**Container sizes and dosage rates**—**BioborJF®** is available in 8 oz., 16 oz. and 32 oz. Easy Squeeze containers designed to dispense the exact measure every time, along with 1 gallon containers, 5 gallon pails, and 55 gallon drums and 330 gallon totes. Use the following chart to calculate how much **BioborJF®** you need for proper fuel treatment.

Fuel to be treated (in gal.)	75	300	600	1,200	2,400	9,530
Biobor® JF (in oz.)	1	4	8	16	32	1 Gal.
Maintenance Dosage						

As you can see, **BioborJF®** treats more fuel than any other microbiocide in the world!

**Other Hammonds Aviation Additives**—Ask your distributor about other Hammonds products:

- **Turboline®** • **LubriBor®** • **HumBug Detector® Kit**

Questions? To contact a Hammonds Fuel Additives specialist, or to locate the Hammonds distributor nearest you, please call us at **(800) 548-9166**.



a **GREEN** company

Fuel Additives equal a cleaner engine, better mileage, and fewer harmful emissions.



**BioborJF® kills fungi, bacteria and micro-organisms which cause fuel tank contamination...**

*Plus*

- ✓ **Disperses and prevents** sludge
- ✓ **Prevents** clogged filters
- ✓ **Adds** lubricity to low sulfur fuels, **exceeding** ASTM Standards
- ✓ The **only biocide** that **kills** in both the **water and fuel phase**, for a more efficient kill
- ✓ **Recommended** by airframe and equipment manufacturers around the world (**See back for current list**)
- ✓ Military Spec **MIL-S-53021A**



**HAMMONDS FUEL ADDITIVES, INC.**

910 Rankin Road • Houston, Texas 77073 • Phone (800) 548-9166

**www.biobor.com**

# **BIOBOR JF**<sup>®</sup>

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–USED BY–  
**MAJOR AIRLINES**

American	Southern Airlines
United Airlines	National Airlines
Delta Airlines	Capital Airways
Northwest	Air Jamaica
Lufthansa	TACA International Airlines
British Airways	Varig Airlines
Air France	Quantas
Iberia	Aerolineas Peruanas

–RECOMMENDED BY–  
**AIRCRAFT MFG.**

Boeing Aircraft	Bell Helicopter
Airbus Industries	Fokker Aircraft Corp.
General Dynamics	Lockheed Aircraft Company
Grumman Aircraft	Sikorsky Helicopter
Beechcraft Aircraft Corp.	British Aerospace Aircraft
LearJet Corporation	McDonnell Douglas Aircraft
de Havilland, Inc.	Saberliner Aircraft Corp.
Gulf Stream Aerospace Corp.	Hawker
Dassault Falcon Jet	Cessna

–RECOMMENDED BY–  
**AIRCRAFT ENGINE  
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General Electric Engines	Garrett Aircraft Engines
Rolls Royce Engines	Lycoming Engine Corp.
Pratt & Whitney Engines	Allison Industries
Allied Signal Aerospace	United Aircraft of Canada

**MILITARY  
APPROVED**  
MIL-S-53021A

U.S. Air Force	U.S. Coast Guard
U.S. Army	U.S. Merchant Marines
U.S. Navy	U.S. Border Patrol

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