

MICHELIN® AVIATOR®



Michelin Aviator aircraft tires for the F4 Phantom are precision engineered to deliver ultra high performance under the most demanding conditions. Offering important design and construction features, they have earned a distinctive reputation with F4 aviators throughout the world.

Michelin's High Performance Tires for the F4 Phantom.



Product Brief.

Aircraft: F4 Phantom

Operational Parameters:

After its introduction in 1957, more than 5,000 F4 Phantoms were built, making it one of the most important post-WWII western fighters. Today, F4 Phantoms are still used throughout the world in a wide variety of demanding roles. Michelin Aviator tires are designed to perform in the difficult conditions these aircraft face.

Tire Description:

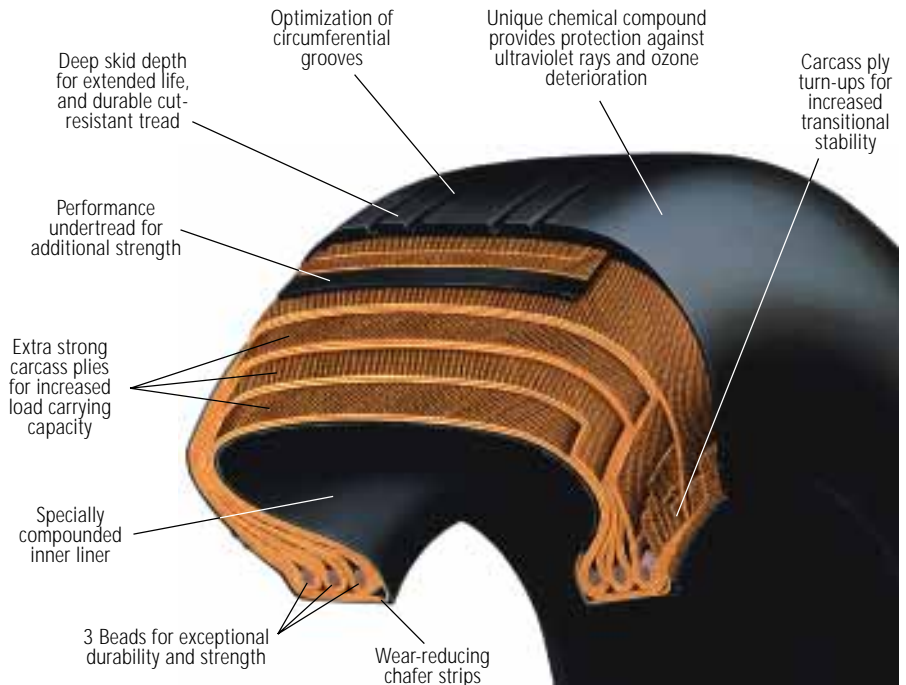
Michelin Aviator F4 Phantom tires reflect decades of Michelin engineering expertise and innovation. They are manufactured with state-of-the-art production techniques and equipment, using only the highest quality raw materials. Michelin offers two versions of the main landing gear tire for the F4. The MLG 26PR offers a higher weight carrying capacity while the MLG 24PR features a thick rubber tread, designed to produce more landings.

Important Tire Features:

- **Advanced Rubber Compounds.** Provide ozone and UV sidewall protection for longer wear and resistance to weather checking.
- **Strong Bead Construction.** Enhances the fit between the tire and wheel for improved lateral stability.
- **Strong Casing Plies.** Results in increased load carrying capacity and better performance at high speeds.
- **Performance Undertread.** Enables the tread to withstand ultra high stress levels at high speeds. Includes extra plies and a thick fabric casing to handle the F4 load.
- **Mass Optimized Casing Design.** Distributes stress more evenly throughout the tire.
- **Streamlined Profile.** Assists in absorbing lateral impacts for long life under extreme conditions.

Michelin® Aviator® Aircraft Tires.

Aviator F4 Tire Construction.



Michelin Aviator F4 Tires

| Feature | Nose Tires | | | Main Tires | |
|-----------------------|------------------|------------------|------------------|------------------|------------------|
| Size/PR | 18x5.5/14 | 18x5.7-8/14 | 18x5.7-8/18 | 30x11.5-14.5/24 | 30x11.5-14.5/26 |
| Part Number | 008-633-1 | 008-649-1 | 008-643-1 | 010-833-8 | 005-834-1 |
| OD – min./max. (in.) | 17.30/17.90 | 17.30/17.90 | 17.30/17.90 | 31.00 | 31.00 |
| SW – min./max. (in.) | 5.375/5.75 | 5.35/5.70 | 5.35/5.70 | 11.85 | 11.85 |
| Rated Load | 6,200 | 6,200 | 8,600 | 25,000 | 26,600 |
| Rated Pressure (psi) | 215 | 215 | 300 | 243 | 265 |
| Rated Speed (mph) | 275 | 247 | 250 | 242 | 242 |
| National Stock Number | 2620-00-052-4222 | 2620-00-946-1108 | 2620-01-157-3821 | 2620-00-088-4523 | 2620-01-159-3244 |
| Skid Depth (in.) | .21 | .21 | .21 | .46 | .31 |
| Weight (lbs.) | 14.4 | 14.9 | 15.9 | 80.1 | 72.5 |
| Classification | Tubeless | Tubeless | Tubeless | Tubeless | Tubeless |
| Number of Grooves | 3 | 3 | 3 | 4 | 4 |

Michelin Aircraft Tyre Product Line

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