

MICHELIN®
AVIATOR®



Michelin Aviator aircraft tires for the F/A18 are precision engineered to deliver ultra high performance and long life under the toughest conditions. Featuring critically important design and construction attributes, they have earned a distinctive reputation with F/A18 aviators throughout the world.

Michelin's High Performance
Tires for the F/A18 Hornet.



Product Brief.

Aircraft: F/A18 Hornet

Operational Parameters:

Designed for air-to-air and air-to-ground combat missions, the F/A18 also includes folding wings for use on aircraft carriers. Since this high performance aircraft is built to handle the rigors of taking off and landing on a carrier deck, its tires must be capable of doing the same.

Tire Description:

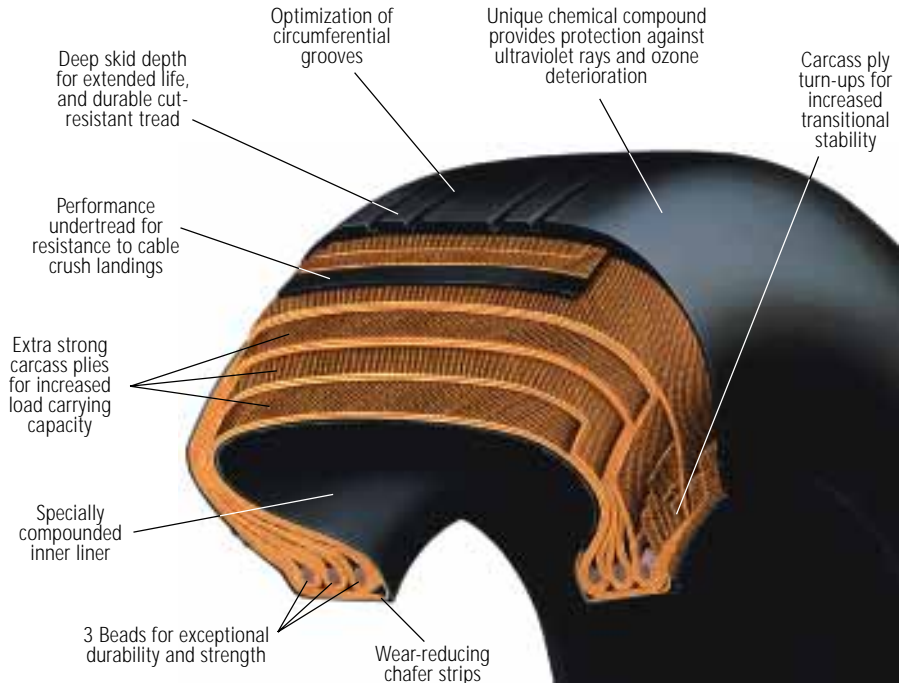
Developed to withstand incredible stresses, the Aviator F/A18 tires reflect decades of Michelin engineering expertise and innovation. They are manufactured with Michelin's advanced production techniques and equipment, using only the highest quality raw materials. For extreme conditions or applications requiring a higher payload capacity, the Aviator 22-ply nose tire is the only one of its type available for the F/A18.

Important Tire Features:

- **Durable Tread.** Special Michelin tread compound reduces wear and resists cuts, which helps prevent early removals.
- **Enhanced Carcass Design.** Strong casing plies are designed to handle the stresses of catapult takeoffs and cable crush landings.
- **Advanced Rubber Compounds.** Provide ozone and UV sidewall protection for longer wear and resistance to weather checking.
- **Strong Casing Plies.** Results in increased load carrying capacity and better performance at high speeds.
- **Performance Undertread.** Provides additional strength and extended life.
- **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 F/A18 Tire Construction.



Michelin Aviator F/A18 Tires

Feature	Nose Tires		Main Tire
Size/PR	22x6.6-10/20	22x6.6-10/22	30x11.5-14.5/26
Part Number	017-653-0	004-522-0	008-834-4
OD – min./max. (in.)	21.60/22.20	21.60/22.20	28.75/29.75
SW – min./max. (in.)	6.40/6.80	6.40/6.80	11.00/11.50
Rated Load	12,000	14,150	25,000
Rated Pressure (psi)	270	304	245
Rated Speed (mph)	219	219	247
National Stock Number	2620-00-159-8647	2620-01-464-6078	2620-00-165-4043
Skid Depth (in.)	.22	.22	.31
Weight (lbs.)	26.3	30.9	81.62
Classification	Tubeless	Tubeless	Tubeless
Number of Grooves	5	5	4

Michelin Aircraft Tyre Product Line

Place des Carmes, Bat A2
63040 Clermont Ferrand
Cedex 9
Tel 33.4.73.32.76.36
Fax 33.4.73.32.76.44

Michelin Aircraft Tire Company, LLC

One Parkway South
Greenville, SC 29615
Tel 864.458.5000
Fax 864.458.6746

Michelin Aircraft Tire Asia, Ltd.

252 SPE Tower 11th Floor
Phaholyothin Road, Samsennai
Payathai, Bangkok 10400
Thailand
Tel 66.2.619.3530
Fax 66.2.619.3529

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