

MICHELIN® GENERAL AVIATION AIRCRAFT TIRES



KADEX Aero Supply (HQ)
211A-925 Airport Road
Peterborough, ON
Canada
K9J 0E7

KADEX Aero Supply Calgary
135-1011 57th Ave N.E.
Calgary, Alberta
Canada
T2E 8X9



CONTACT

parts@kadexaero.com / Toll Free: +1-888-523-3988 / International: +1-705-742-9725 / www.kadexaero.com

THE PIONEER AND INNOVATION LEADER

- 1981:** Michelin introduced the first aircraft radial tire
- 1997:** Michelin introduced NBT (New Bias Technology) with a first flight on the F16 Block 40
- 2001:** Michelin introduced Radial NZG (Near Zero Growth) technology
- Now:** Michelin offers more aircraft radial tire fitments than any other tire manufacturer
- Now:** Michelin radial with NZG technology restricts normal casing growth, ideal for business jets where tire usage is more demanding than it is on propeller-driven aircraft

MICHELIN NZG TECHNOLOGY

Reduces Operating Costs

- Fewer tire changes because you get up to 100% more landings ⁽¹⁾
- Less fuel burn thanks to reduced tire weight ⁽²⁾

Provides Peace of Mind

- Up to 50% better resistance to foreign object damage (FOD) ⁽³⁾
- Michelin is the trusted brand of aircraft manufacturers ⁽⁴⁾

Environmentally Friendly

- On average, a radial NZG tire uses 22% fewer raw materials than a standard bias equivalent ⁽⁵⁾
- Fewer CO2 emissions ⁽⁶⁾

(1) NZG tire compared to bias tire as reported by a French airline. | (2) An estimated U.S. \$36 million could be saved annually if the worldwide aircraft fleets were equipped with MICHELIN® NZG radial tires – Michelin estimates based on: average tire weight by market segment and by tire technology, ACAS fleet data, and average fuel barrel price of \$100.00 US. | (3) NZG compared to bias. Michelin estimated based on NZG performance study on 4 representative large sizes of commercial tires on a sample of 36,000 MICHELIN tires. | (4) Based on ACAS fleet data and Michelin estimates. | (5) Michelin's calculation comparing tire mass vs. actual carried weight per tire. | (6) An estimated 160,000 tons of CO2 (or the CO2 emissions generated by 80,000 cars) could be saved annually if the worldwide aircraft fleets were equipped with MICHELIN® NZG radial tires – Michelin estimates based on: average tire weight by market segment and by tire technology, ACAS fleet data, and average CO2 emissions of 23.88 pounds per fuel gallon.

WHY CHOOSE MICHELIN® AIR X® RADIAL TIRES WITH NZG TECHNOLOGY?



MICHELIN®
Total Performance™



MORE LANDINGS

- ➔ Extra strong radial casing design
- ➔ Flexible radial casing reduces tread squirm

LABOR SAVINGS

- ➔ Fewer tire changes due to more landings

FUEL SAVINGS

- ➔ Lightweight radial design = measureable savings

WEATHER PROTECTION

- ➔ Special sidewall compounds for long-term ozone and UV light protection

RESISTANCE TO FOREIGN OBJECT DAMAGE (FOD)

- ➔ Ultra-strong NZG technology

Multiple Performances Together

At Michelin, we continually focus on safety, reliability and landings – all at the same time, and without any trade-offs. That's what we mean by MICHELIN® Total Performance™, which has always been, and always will be, our difference on every tire.



MICHELIN®
Total Performance™

MICHELIN EQUIPS ALMOST HALF OF ALL NEW BUSINESS JET AIRCRAFT

These are just a few of the manufacturers that choose Michelin as original equipment:



The radial tire design is Michelin's standard offering when developing tire fitments for new business jet aircraft.

What our customers think...



"In July 2007 we took delivery of a new Citation XLS. MICHELIN® radial tires on this aircraft wear extremely well...we are very pleased with Michelin's quality and performance."

KEVIN SMITH

Chief of Aircraft Maintenance

Progress Energy Flight Operations | Cessna Citation XLS

"MICHELIN® tires are holding up better than anything we have used in the past. We go into all types of runways around the globe... It's good to know we can depend on these tires with the kind of flying we do."

FRANK LEONE

*Director of Maintenance, Dassault F7X
Flying Lion Ltd.*



MICHELIN® AIRCRAFT TIRES FOR BUSINESS JETS, PISTON AND TURBOPROP AIRCRAFT

Optimized From Every Angle

Aircraft tires routinely face extreme conditions, including hard landings, UV light, ozone, rapid temperature changes and more.

In fact, for most general aviation piston aircraft, there is a very good chance that one of these factors will affect tire life **before the tread is fully worn**. Because the answers to these challenges are often interrelated, MICHELIN® aircraft tires are designed to provide the perfect **balance** of safety, reliability and longevity.



WHY CHOOSE MICHELIN® AIRCRAFT TIRES?



OUTSTANDING VALUE

- ➔ A MICHELIN® Premium tire at an excellent price

LONG TIRE LIFE

- ➔ Highly-durable rubber compounds
- ➔ Optimized tread thickness reduces heat build-up for a slower wear rate

WEATHER PROTECTION

- ➔ Special sidewall compounds for long-term ozone and UV light protection

WET TRACTION

- ➔ Four grooves provide excellent hydroplane resistance

OUTSTANDING STABILITY

- ➔ Extra-strong sidewalls for enhanced nose landing gear safety

EXCEPTIONAL BALANCE

- ➔ Exclusive manufacturing process results in built-in balance for smooth taxiing and even tire wear



THE MAJORITY OF ALL NEW PROPELLER-DRIVEN AIRCRAFT COME EQUIPPED WITH MICHELIN TIRES*

These are just a few of the manufacturers that choose Michelin as original equipment:



* Based on 2013 ACAS fleet data and Michelin estimates.

What our customers have to say...



"MICHELIN® Air® gives me confidence and excellent tread life. I've been running MICHELIN® Air® for years. They've never let me down."

NICK DE MARCO
B36TC Bonanza Owner

"For the safety of my family and the extraordinary performance...wear and value... it's been MICHELIN® (tires AND tubes) for my aircraft since the first tire change. Mark me down as a satisfied customer!"

GARY ALDRICH
Cessna 180 Owner



AIRSTOP
5.00-5
SCG67 Part Number
3 50 08
MICHELIN
(Type III) Valve TR07
092 - 308 - 0
MADE IN ITALY

MICHELIN® AIRSTOP® TUBES

Maximize airtime and minimize downtime with MICHELIN® AIRSTOP®

EXCELLENT AIR RETENTION

- Exclusive Michelin butyl rubber compound offers outstanding air retention properties

HIGHLY RELIABLE & EASY TO INSTALL

- "Right Sized" optimal fit between the tube and the tire casing

BUILT-IN BALANCE

- Unique tube design assists in achieving overall wheel assembly balance

"We were asked by Michelin to evaluate their new 6.00-6 tube (092-500-0) prior to the market launch in 2013. We have been using the improved tubes for almost two years, and we are very impressed with the operational results. We've had no incidents of the tubes wrinkling or creasing during installation, which of course, dramatically reduces the chance of failure.

As a major flight school with constant year around high volume training operations, we need reliable products. We are extremely satisfied with the reliability of Michelin tubes. In addition to top-notch products, Michelin also provides excellent technical support, offering to train our staff on the most effective ways to care for our tubes and tires. We are pleased to exclusively use only Michelin aviation products at our flight school."

Ed Sutphen

Director of Maintenance
TransPac Aviation Academy

Ben Lucas

Aircraft Fleet Management Team Lead
TransPac Aviation Academy

GENERAL AVIATION TIRE FITMENT GUIDE

MICHELIN® AIRSTOP® Tubes

SIZE	VALVE	PART NUMBER	AVERAGE WEIGHT (LBS)
355x150-4	AC-5 / Bent 90 degrees	097-543-0**	0.9
5.00-4	TR-67 / Bent 90 degrees	097-300-0**	0.8
5.00-5	TR-67A / Bent 90 degrees	092-308-0	0.9
6.00-6	TR-20 / Straight	092-500-0	1.5
6.50-8	TR-15 / Straight	092-337-0	2.0
6.50-10	TR-25 / Straight	092-344-0	2.0
7.00-6	TR-20 / Straight	092-318-0	1.7
7.00-8	TR-15 / Straight	092-337-0	2.0
7.50-10	TR-25 / Straight	097-373-0**	2.5
8.00-6	TR-20 / Straight	092-318-0	1.7
8.50-10	TR-25 / Straight	092-348-0	3.0
8.90-12.50	TR-15 / Straight	097-383-0**	4.2
11.00-12	TR-13 / Straight	092-354-0**	5.5
15x6.0-6	TR-20 / Straight	097-500-0	1.2
15x6.0-6 (H60 TW)	TR-67 / Bent 90 degrees	092-501-0	1.2
17.5x6.25-6	TR-20 / Straight	092-500-0	1.5
22x8.0-8	TR-15 / Straight	097-534-0**	2.2
29x11.0-10	TR-15 / Straight	097-383-0**	4.2

** Limited production.

MICHELIN® AIR X® with NZG Technology*

SIZE	PLY RATING	SPEED (MPH)	PART NUMBER	TL/TT	CESSNA	BEECHCRAFT	DASSAULT FALCON	OTHER
14.5X5.5R6		225	M08301	TL			20, 50, 50EX, 200, 2000 (NLG)	
14.5X5.5R6	10	225	M15201-01	TL			2000EX, 2000LX (NLG)	Learjet 85 (NLG)
16X4.4R8	10	190	M19301	TL	CJ4 (NLG)			HondaJet (NLG)
16X4.4R8	10	210	M15601	TL	Sovereign, Sovereign+, Citation X, Citation X + (NLG)			Gulfstream G150 (NLG)
16X4.4R8	12	190	M16201	TL				Pilatus PC21 (NLG)
16x6.0R6	12	225	M17201	TL			F7X (NLG)	
17.5X5.75R8		225	M13301	TL			900, 900EX, 900LX (NLG)	
17.5x5.75R9	12	190	M19401*	TL				HondaJet (MLG)
20X4.40R12	14	190	M16301	TL				Pilatus PC21 (MLG)
23.5X8.0R12	14	190	M13702*	TL	Citation Excel, XLS, XLS+ (MLG)			
26x6.6R14	12	190	M15702*	TL	Citation 680+ (Sovereign+) (MLG)			
26X6.6R14	12	210	M14401*	TL	Sovereign, Citation X (MLG)			
26X6.6R14	14	225	M15101-01*	TL			20, 50, 50EX, 200, 2000, 2000EX, 2000DX, 2000LX (MLG)	
26X6.6R14	14	225	M08401	TL		Hawker 4000 (MLG)	20, 50, 50EX, 200, 2000 (MLG)	Learjet 85, Gulfstream G200, G280 (MLG)
29X7.7R15		225	M06201	TL			900, 900EX, 900LX (MLG)	
H32X10.5R16.5	16	225	M18902*	TL			F7X (MLG)	

* Indicates Radial NZG Technology used in this tire. | NOTE: For any other tire size not featured in the above listing, please refer to the fitment guide in our Mobile App and on our website, or contact your local sales office.



MICHELIN® Aircraft Tires

SIZE	PLY RATING	SPEED (MPH)	PART NUMBER	BRAND	TL/TT	CESSNA	BEECHCRAFT	PIPER	OTHER
380X150-5, 15x6.00-5	6	120	070-544-0	AIR®	TT				Robin
5.00-5	4	120	070-308-0	AIR®	TT	170 (NLG)	30 (NLG)	PA28 (NLG)	Mooney M20 (NLG)
5.00-5	6	120	070-312-0	AIR®	TT				Cirrus SR20, SR22 (NLG)
5.00-5	8	160	070-310-0	AIR®	TL				Eclipse 500 (NLG)
5.00-5	8	160	021-310-0	Aviator®	TL				
5.00-5	10	120	071-311-0	Aviator®	TT/TL				
6.00-6	4	120	070-315-0	AIR®	TT	170 (MLG), Cessna 200, 300 (NLG)	20 (MLG)	PA20/30	
6.00-6	6	120	070-314-0	AIR®	TT	170, 180, 190, 200, 300, 400 (MLG)			Mooney M20 (MLG)
6.00-6	6	160	061-316-1	Aviator®	TT				
6.00-6	8	120	070-317-0	AIR®	TT	200		PA30/40	
6.00-6	8	160	021-317-1	Aviator®	TT/TL				Jetstream 31; Pilatus PC7 (NLG)
6.50-8	8	160	025-338-0	AIR®	TT/TL		Baron 55, 56 (MLG)		
6.50-10	6	120	076-367-0	AIR®	TT/TL		King Air 90 (NLG)		
6.50-10	8	120	076-345-0	AIR®	TL	208, 310, 335, 401, 402, 414, 421, 425 (MLG)		PA-30, 31 (MLG)	
6.50-10	10	120	076-356-0	AIR®	TL	425 Conquest I (MLG)			
6.50-10	10	120	077-356-0	Aviator®	TL	425 Conquest I (MLG)			
6.50-10	12	160	021-357-1	Aviator®	TT/TL			PA-42 (MLG)	
6.50-10	12	190	028-357-0	Aviator®	TL			PA-31 (MLG)	Piaggio P180
7.00-6	6	120	070-313-0	AIR®	TT		33, 35, 36 (MLG)		
7.00-6	8	120	070-306-0	AIR®	TT			PA23 (MLG)	
7.50-14	8	160	021-360-0	Aviator®	TL				Convair CV-340, 440, 540, 580/600 (NLG)
7.50-14	12	160	028-362-1	Aviator®	TL				Gulfstream 1 (MLG)
8.00-6	6	120	071-371-0	Aviator®	TT	140, 185, 206, 207, 305, 01E			Socata Rallye
8.50-6	6	120	076-325-0	AIR®	TT/TL				High flotation, fixed gear
8.50-10	8	160	025-349-0	AIR®	TT/TL	188, 208, 308, 406 (MLG)	18, 50, 65, 70, 80, 88, King Air 90 (MLG)		Gulfstream 500, 560, 680, 681, 685, 720; Mitsubishi MU2; Piaggio 149, 166, 136; Rockwell Int'l 500, 560, 680, 520 (MLG)
8.50-10	10	160	025-350-0	AIR®	TT/TL				Gulfstream 690, 680T; Rockwell Int'l 685, 690, 695, 700, 840 (MLG)
11.00-12	10	160	021-355-0	Aviator®	TL				IAI 201; Bombardier DHC6; Casa 212, 235 (MLG)
15X6.0-6	6	160	070-449-0	AIR®	TT	Cessna 172, 177, 182 (MLG), 336, 337 (NLG)			Cirrus SR20, SR22 (MLG)
16X4.4	8	160	079-606-0	AIR®	TL	Mustang (NLG)			
16X4.4	8	160	021-606-0	Aviator®	TL				Pilatus PC9; Embraer Xingu; Fairchild SA226 (NLG)
17.5X6.25-6	8	160	021-327-0	AIR®	TL				Pilatus PC-12 (NLG)
17.5X6.25-6	10	120	061-326-0	AIR®	TT			PA31, 42 (NLG)	
17.5X5.75-8	12	210	038-627-0	Aviator®	TL				Learjet 20, 31, 35, 36 (MLG)
18X4.25-10	6	210	031-595-0	AIR®	TL		Hawker 700, 800, 800XP, 1000 (NLG)		
18X4.4	6	160	021-611-0	Aviator®	TL			PA31 (NLG)	Fairchild SA226, 227
18X4.4	6	190	019-611-0	AIR®	TL		Hawker Premier 1 (NLG)		

NOTE: For any other tire size not featured in the above listing, please refer to the fitment guide in our Mobile App and on our website, or contact your local sales office.

MICHELIN® Aircraft Tires (continued)

SIZE	PLY RATING	SPEED (MPH)	PART NUMBER	BRAND	TL/TT	CESSNA	BEECHCRAFT	PIPER	OTHER
18X4.4	6	190	030-611-0	AIR®	TL	CJ, CJ1, CJ1+, CJ2 (NLG)			
18X4.4	10	190	031-613-2	AIR®	TL	Citation III, VI, VII (NLG) *Citation III over 20,000 lbs MTOW			
18X4.4	10	210	031-613-8	AIR®	TL	CJ2+, CJ3, Citation I, II, III, V, VI, VII, Bravo, Encore, Encore+, Excel, XLS (NLG)	Hawker Beechjet 400A (NLG)		Learjet 40, 45
18X4.4	10	210	031-613-4	AIR®	TL				Gulfstream G200 (NLG)
18X4.4	10	210	031-613-5	AIR®	TL				Learjet 31, 35, 36, 55, (NLG)
18X4.4	10	210	027-613-0	AIR®	TL		Hawker 4000 (NLG)		
18X4.4	12	210	027-614-0	AIR®	TL		Hawker 4000 (NLG)		Gulfstream G280 (NLG)
18X4.4	12	210	031-614-0	AIR®	TL				Bombardier Challenger 600, 601, 604, 605 (NLG)
18X5.5	8	190	028-630-0	Aviator®	TL	337	King Air 200, 99, 100		Socata TBM700, Elipse 500 (MLG); Bombardier DHC8; Embraer EMB120; Fairchild SA226 (NLG)
18X5.5	10	210	033-631-0	AIR®	TL		King Air 200, 55 (MLG)		Socata TBM 700, 850 (MLG)
19.5X6.75-8	10	160	021-335-1	Aviator®	TL		King Air 300, Baron 58, 60		Fairchild SA226, 227 (MLG)
19.5X6.75-8	10	190	026-335-1	Aviator®	TL		1900, C, D (NLG)		
20X4.4	8	160	028-619-0	Aviator®	TL				Pilatus PC9 (MLG)
22X5.75-12	10	190	026-520-0	AIR®	TL	Cessna Citation III, VI, VII (MLG)			Falcon 10 (MLG)
22X6.75-10	8	160	021-523-0	Aviator®	TL	Mustang (MLG)	1900C (MLG), King Air 300 & 200 (NLG)		Tucano S312 (MLG)
22X6.75-10	10	190	026-524-0	AIR®	TL		King Air 200 (NLG), Beech 1900D (MLG)		IJT36 (MLG)
22X7.75-10	10	160	021-527-0	AIR®	TL	404 Titan, 441 Conquest II (MLG)			
22X7.75-10	12	190	026-528-0	AIR®	TL	CJ, CJ1, CJ1+, CJ2, CJ2+ (MLG)			
22X8.0-8	8	120	024-560-0	AIR®	TL	208 (NLG)			
22x8.0-10	10	190	028-699-1	Aviator®	TL	Citation I (MLG)			
22X8.0-10	12	190	028-700-0	Aviator®	TL	Citation SII, V, Ultra (MLG)			
23X7.0-12	12	210	033-504-0	AIR®	TL		Hawker 750, 800, 800XP, 900XP, 1000 (MLG)		
23X7.0-12	12	210	027-504-0	AIR®	TL		Hawker 800 series STC (MLG)		Gulfstream G100, G150 (MLG)
24X7.7	14	210	038-675-2	AIR®	TL		Hawker Beechjet 400A (MLG)		Mitsubishi MU-300 (MLG)
29X11.0-10	10	160	076-446-1	AIR®	TL	208 (MLG)			
34x9.25-16	18	210	033-841-0	AIR®	TL				Gulfstream II, IIB, III, IV (MLG)
H22X8.25-10	12	190	026-618-0	AIR®	TL	CJ3 (MLG)	Hawker Premier 1 (MLG)		
H22X8.25-10	14	190	026-617-0	AIR®	TL	Citation Encore, Encore+, 560 (MLG)			
H22X8.25-10	14	190	026-617-1	AIR®	TL	CJ4 (MLG)			
H27X8.5-14	16	210	027-697-0	AIR®	TL				Bombardier Challenger 604, 605 (MLG)

NOTE: For any other tire size not featured in the above listing, please refer to the fitment guide in our Mobile App and on our website, or contact your local sales office.