

11/18/67

LOW PRES SECT D

#24

THE GOODYEAR TIRE & RUBBER COMPANY

1967

TYPE III AIRCRAFT TIRE DATA

Size	(1) 8.00-6	(1) 8.00-6	(1) 8.00-6	8.50-6	8.50-6	
Rating	4	6	8	4	6	
Type or Military	MW-NW Civil	MW-NW Civil	MW-NW Military	MW-NW Civ-Mil	MW-NW Civil	
Location	.....	.....	MIL-T-5041	MIL-T-5041	.....
Load Speed—Max. (MPH)	120	120	120	120	120	
Depth (Mold)	RIB .17	RIB .17	RIB .17	RIB .17	RIB .17	
Grade Rating						
Static Load—Lbs. Max.	1350	2050	2800	1600	2275	
Operating Pressure—PSI	23	35	48	20	30	
Load at Max. Def.—Lbs. (Approx.)	4200	6350	8700	4950	7000	
Maximum Tire Load During Braking—Max.	1960	2970	4060	2320	3300	
Standard Dimensions—New Tire—Ins.						
Outside Dia.—Max.	19.50	19.50	19.50	22.10	22.10	
—Min.	18.75	18.75	18.75	21.15	21.15	
Section Width—Max.	7.95	7.95	7.95	8.85	8.85	
—Min.	7.50	7.50	7.50	8.30	8.30	
Shoulder Dia. —Max.	.....	.....	.....	19.20	19.20
Shoulder Width—Max.	.....	.....	.....	7.50	7.50
Loaded Radius—Normal	7.5	7.5	7.5	8.4	8.4	
at Tire Radius	4.5	4.5	4.5	4.7	4.7	
Aspect Ratio	.849	.849	.849	.911	.911	
Weight—Lbs.						
Distances here indicate construction manufactured	Tube Type Tire Tubeless Tire Regular Tube Fabric Base Tube	9.8 12.9(2) 2.2	10.7 12.7(2)	12.1 2.2	12.5 2.2	13.0 2.2
—Rim Sizes	6.00-6	6.00-6	6.00-6	8.50-6	8.50-6	
Width Between Flanges—Ins.	5.00	5.00	5.00	6.00	6.00	
Load Ledge Diameter—Ins.	6.00	6.00	6.00	6.00	6.00	
Flange Height—Ins.	.75	.75	.75	.88	.88	

Not recommended for new aircraft design.
Equipped with sidewall valve.