

Section 2

DEFINITIONS AND ABBREVIATIONS

TIRE NAME SIZE CLASSIFICATION

Three Part Type	All new sizes being developed are in this classification. NOTE: Some sizes have a letter such as “H” in front of the diameter. This is to identify a tire that is designed for a higher percent deflection.
Radial	Radial size nomenclature is the same as Three Part Type except an “R” replaces the “-” (dash) before the wheel/rim diameter.
Metric Type	This size designation is the same as Three Part except the diameter and section width. Dimensions are in millimeters, and the wheel/rim diameter is in inches.
Type I	Oldest type/description giving outside diameter only.
Type III	This type was one of the earliest size designations used for piston-propeller aircraft. Its characteristic is low pressure for cushioning and flotation.
Type VII	This type covers most of the older sizes and was designed for today’s jet aircraft with higher load capacity.

Tire Name Type	Tire Size Example	Nominal Diameter (In)	Nominal Section Width (In)	Nominal Wheel/Rim Diamter (In)
Three Part	49x19.0-20	49	19.0	20
Metric	670x210-12	670 mm	210 mm	12 inches
Type I	27	27	--	--
Type III	8.50-10	--	8.50	10
Type VII	49x17	49	17	--
Radial	32x8.8R16	32	8.8	16

Ply Rating	The term “Ply Rating” is used to identify a given tire with its maximum recommended load when used in a specific type of service. It is an index of tire strength and does not necessarily represent the number of carcass plies in the tire.
TT or TL	Designates whether the tire is tube-type or tubeless construction
Rated Speed	The maximum speed, normally in miles per hour, to which the tire is qualified.
Rated Load	The maximum load rating in pounds.
Rated Inflation	The inflation pressure required for the tire to support the rated load.
Max Braking Load	The maximum steady braking load which may be applied to a tire.
Max Bottoming Load	Approximate load required to bottom the tire on the rim at rated inflation pressure.
Part Number	The Goodyear part number assigned to the tire if applicable.
Inflated Dimensions	The dimensions of a new tire inflated to rated inflation pressure.
Static Loaded Radius	The distance from the center of the axle to the deflected tread surface under normal load and inflation pressure.
Flat Tire Radius	The distance from the center of the axle to the deflected tread surface when subjected to bottoming load.
Aspect Ratio	The ratio of tire section height to tire section width.
Wheel	The dimensions of the wheel on which the tire is to be used.
LST	Load, speed, and time curve.
SCD	Specification Control Document.
T&RA	The Tire and Rim Association
U	Universal LST Curve (TSO-C62e)
DT	Deflector Type. (Nosewheel chine)
DDT	Dual Deflector Type.

Section 3

DATA SECTION—TIRES

Three-Part Name Sizes

Size	CONSTRUCTION			SERVICE RATING				Tread Design / Trademark	Part Number		INFLATED DIMENSIONS						Static Loaded Radius (In)	Flat Tire Radius (In)	Aspect Ratio	WHEEL				
	Ply Rating	TT or TL	Rated Speed (MPH)	Rated Load (Lbs)	Rated Inflation (PSI)	Maximum Braking Load (Lbs)	Maximum Bottoming Load (Lbs)				Outside Diameter		Section Width		Shoulder					Wheel (Rim) Size	Width Between Flanges	Specified Rim Diameter	Flange Height	Min Ledge Width
											Max	Min	Max	Min	Diameter Max	Width Max								
13.5x6.0-4	14	TL	230	3450	135	5000	10000	Aircraft Rib	461B-3470-TL		13.75	13.2	6.1	5.75	12	5.4	5.35	3.60	0.800	13.5x6.0-4	4.75	4	0.55	0.94
14.5x5.5-6	14	TL	210	2800	144	4200	13100	Flight Eagle DT	145K13-1		14.5	14	5.5	5.15	13	4.85	6.4	5.10	0.775	14.5x5.5-6	4.25	6	0.88	1.50
14.5x5.5-6	8	TL	214	2890	123	4335	8670	Aircraft Rib	461B-3255-TL		14.2	13.7	5.5	5.15	13	4.85	6.1	5.00	0.774	14.5x5.5-6	4.25	6	0.88	1.50
14.5x5.5-6	14	TL	120	3550	155	5330	10600	Aircraft Rib	145K41-1		14.5	14	5.5	5.15	13	4.85	6.1	5.09	0.774	14.5x5.5-6	4.25	6	0.88	1.50
15X6.0-6	6	TT	160	1950	68	2830	5300	Flight Special II	156E61-3		15.2	14.55	6.3	5.9	13.55	5.55	6.1	4.80	0.726	6.00-6	5.00	6	0.75	0.85
15x6.0-6	6	TT	160	1950	68	2830	5300	Flight Custom II	156E66-1		15.2	14.55	6.3	5.9	13.55	5.55	6.1	4.80	0.726	6.00-6	5.00	6	0.75	0.85
15x6.0-6	6	TT	160	1950	68	2830	5300	Flight Custom III	156E66-4		15.2	14.55	6.3	5.9	13.55	5.55	6.1	4.80	0.726	6.00-6	5.00	6	0.75	0.85
15X6.0-6	6	TT	160	1950	68	2830	5300	Flight Special II	156E66B1		15.2	14.55	6.3	5.9	13.55	5.55	6.1	4.80	0.726	6.00-6	5.00	6	0.75	0.60
15x6.0-6	10	TL	160	3200	112	4800	8650	Flight Custom II	156E06-1		15.2	14.55	6.55	5.9	13.55	5.75	6.1	4.80	0.727	6.00-6	5.00	6	0.75	—
15x6.0-6	10	TL	160	3200	112	4640	8600	Flight Eagle LT DDT	156E06B1		15.2	14.55	6.3	5.9	13.55	5.55	6.1	4.90	0.732	6.00-6	5.00	6	0.75	0.90
15X6.0-6	12	TT	210	3410	137	5115	10560	Flight Eagle LT DDT	156K23B1		15.2	14.55	6.3	5.9	13.55	5.55	6.3	4.90	0.732	6.00-6	5.00	6	0.75	1.50
17.5x5.75-8	12	TL	210	5000	180	7500	15000	Flight Eagle	178K23-5		17.5	16.95	5.75	5.4	15.8	5.1	7.4	6.10	0.827	18x5.5	4.25	8	0.88	1.40
17.5x5.75-8	14	TL	210	6050	220	9080	18200	Flight Eagle	178K43-1		17.5	16.95	5.75	5.4	15.8	5.1	7.4	6.30	0.827	18x5.5	4.25	8	0.88	1.40
17.5x6.25-6/6.00-6	8	TL	190	2900	70	4200	7800	Flight Special II	175K88-2		17.5	16.85	6.25	5.9	15.45	5.5	6.9	4.80	0.920	6.00-6	5.00	6	0.75	0.90
17.5x6.25-6	8	TT	190	2350	65	3410	6300	Aircraft Rib DDT	175K88-4		17.5	16.85	6.25	5.9	15.45	5.5	6.9	4.80	0.920	6.00-6	5.00	6	0.75	0.90
17.5x6.25-6	8	TL	190	2900	70	4200	7800	Flight Special II	175K88B1		17.5	16.85	6.25	5.9	15.45	5.5	6.9	4.80	0.920	6.00-6	5.00	6	0.75	0.95
17.5x6.25-6	10	TL	160	3750	90	5650	10150	Flight Special II	175K08-1		17.5	16.85	6.25	5.9	15.45	5.5	6.9	4.80	0.920	6.00-6	5.00	6	0.75	0.65
17.5x6.25-6	10	TL	160	3750	90	5650	10150	Flight Special II	175K08B1		17.5	16.85	6.25	5.9	15.45	5.5	6.9	4.80	0.920	6.00-6	5.00	6	0.75	0.79
17.5x6.25-11	8	TL	139K	3600	167	5400	10800	Smooth	461B-2271-TL		17.7	17.3	6.1	5.7	16.5	5.45	7.95	7.60	0.550	17.5x6.25-11	5.25	11	0.81	1.25
18x4.25-10	6	TL	210	2300	100	3450	6900	Flight Eagle DT	181K63-2		18.25	17.75	4.7	4.45	16.75	4.15	7.9	6.70	0.874	18x4.25-10	3.63	10	0.60	0.85
18x5.7-8	18	TL	250	8600	300	12900	25800	Aircraft Rib	461B-3563-TL		17.9	17.3	5.7	5.35	16.2	5	7.55	6.10	0.869	18x5.5	4.25	8	0.88	1.50
18x5.7-8	20	TL	250	9000	315	13500	27000	Aircraft Rib	461B-3434-TL		17.9	17.3	5.7	5.35	16.2	5	7.55	6.10	0.869	18x5.5	4.25	8	0.88	1.50
18x5.75-8	8	TL	190	3050	105	4570	9200	Flight Eagle DDT	186K88-5		18	17.4	5.75	5.4	16.2	5.1	7.6	6.00	0.870	18x5.5	4.25	8	0.88	1.25
18x6.5-8	12	TL	223K	5000	150	7500	15000	Aircraft Rib	461B-3325-TL		18	17.45	6.5	6.2	15.95	5.7	7.7	6.10	0.770	18x6.5-8	5.25	8	0.88	1.50
19.5x6.75-8	8	TL	210	3300	86	4950	9900	Flight Leader DT	196K83-1		19.5	18.9	6.75	6.2	17.45	5.95	8.05	5.90	0.865	6.50-8	5.25	8	0.81	1.25
19.5x6.75-8	10	TL	190	4270	110	6400	12800	Aircraft Rib	196K08-9		19.2	18.9	6.35	6.2	17.45	5.95	8.05	6.10	0.865	6.50-8	5.25	8	0.81	1.25
19.5x6.75-8	10	TL	225	4270	110	6400	12800	Flight Leader DT	196K02B1		19.2	18.9	6.35	6.2	17.45	5.95	8.05	6.10	0.865	6.50-8	5.25	8	0.81	2.00
H19.5x6.75-10	8	TL	160	4000	120	5800	10800	Flight Eagle	197K86-1		19.5	18.9	6.75	6.35	17.8	5.95	8.25	6.80	0.702	H19.5x6.75-10	4.25	10	0.75	1.50
20.5x6.75-10	12	TL	225	6225	182	9350	18675	Flight Leader DT	206K22-1		20.5	20	6.75	6.35	19.45	6.1	8.8	7.30	0.779	20.5X6.75-10	5.25	10	1.00	1.80
21x6.5-10	12	TL	160	6225	173	9350	18675	Flight Eagle LT	215K26-2		21	20.45	6.5	6.1	19.9	5.85	8.9	7.10	0.849	21x6.5-10	4.75	10	0.81	1.13
21x7.25-10	12	TL	225	6400	166	9600	19200	Flight Eagle DT	217K22-1		21.25	20.6	7.2	6.8	19.25	6.35	9	7.30	0.779	22x6.6	5.50	10	1.00	1.80
21x7.25-10	14	TL	225	7600	198	11400	22800	Flight Eagle	217K42-1		21.25	20.6	7.2	6.8	19.25	6.35	9	7.60	0.760	22x6.6	5.50	10	1.00	1.30
21x7.25-10	20	TL	195K	12000	325	18000	36000	Aircraft Rib DT	461B-2728-TL(DT)		21.25	20.6	7.2	6.8	19.25	6.35	9	7.60	0.779	22x6.6	5.50	10	1.00	2.10
21.5x7.0-10	12	TL	139K	6700	135	9720	18100	Aircraft Rib	710G26B2		21.76	21.14	7.05	6.73	18.89	6.13	9	7.00	0.830	175x254x545	5.90	10	0.75	—
22x5.75-12	10	TL	190	5700	180	8550	17100	Flight Eagle	226K08-4		22	21.4	5.75	5.4	20.2	5.05	9.6	8.00	0.870	22x5.5	4.25	12	0.88	1.35
22x5.75-12	12	TL	210	7100	220	10650	21300	Flight Eagle	226K23-2		22	21.4	5.75	5.4	20.2	5.05	9.6	8.30	0.870	22x5.5	4.25	12	0.88	1.35
22x6.50-10	6	TL	190	2800	68	4																		

Three-Part Name Sizes

Size	CONSTRUCTION			SERVICE RATING				Tread Design / Trademark	Part Number		INFLATED DIMENSIONS						Static Loaded Radius (In)	Flat Tire Radius (In)	Aspect Ratio	WHEEL				
	Ply Rating	TT or TL	Rated Speed (MPH)	Rated Load (Lbs)	Rated Inflation (PSI)	Maximum Braking Load	Maximum Bottoming Load				Outside Diameter		Section Width		Shoulder					Wheel (Rim) Size	Width Between Flanges	Specified Rim Diameter	Flange Height	Min Ledge Width
											Max	Min	Max	Min	Diameter Max	Width Max								
22x8.0-8	6	TT	120	2500	40	3620	6700	Flight Special II	228K61-1		22	21.3	8	7.55	19.5	7.05	8.75	6.00	0.878	22x8.0-8	6.00	8	0.88	1.10
22x8.0-10	10	TL	190	6500	110	9750	17500	Flight Eagle	220K08-3		22	21.35	8	7.55	19.85	7.05	9	6.90	0.750	22x8.0-10	5.00	10	0.63	1.40
22x8.0-10	12	TL	190	7900	135	11450	21300	Flight Eagle	220K28-1		22	21.35	8	7.55	19.85	7.05	9	7.10	0.750	22x8.0-10	5.00	10	0.63	1.40
H22x8.25-10	12	TL	190	6900	132	10350	18620	Flight Eagle	229K28-2		22	21.4	8.25	7.8	20.8	7.45	9.14	7.10	0.726	H22x8.25-10	5.25	10	0.85	1.10
H22x8.25-10	14	TL	190	8300	156	12500	22400	Flight Eagle	229K48-2		22	21.35	8.25	7.8	20.79	7.44	9.14	7.10	0.726	H22x8.25-10	5.25	10	0.85	2.14
22x8.5-11	16	TL	217K	10000	210	15000	30000	Aircraft Rib	461B-2513-TL		22	21.4	8.5	8.1	16.64	7.5	9.39	7.80	0.644	22x8.5-11	7.25	11	0.88	1.88
23x7.00-12	12	TL	210	7800	160	11700	23400	Flight Eagle	237K23-2		23.2	22.6	7.2	6.8	21.15	6.3	9.89	7.90	0.778	23x7.0-12	6.25	12	0.65	1.25
24x7.25-12	12	TL	190	8150	164	12200	24500	Flight Leader	247R28-1		24.5	23.95	7.5	7	22.25	6.5	10.39	7.80	0.842	24x7.25-12	6.25	12	0.70	1.75
24x8.0-13	18	TL	230K	12500	285	18750	37500	Aircraft Rib	461B-2506-TL		24	23.4	8	7.55	22	7.05	10.44	8.90	0.688	24x8.0-13	5.75	13	1.00	2.05
B24x9.5-10.5	18	TL	210	12200	160	18300	32900	RED STREAK 700	249K83-3		24	23.3	9.5	8.95	21.6	8.4	9.85	7.69	0.712	B24x9.5-10.5	6.00	10.5	0.88	1.90
H25x8.0-12	16	TL	210	11300	187	16950	30515	Flight Eagle LT	258K63-2		25	24.4	8	7.55	23.7	7.2	10.5	8.30	0.814	H25x8.0-12	5.25	12	0.98	1.80
25.5x8.0-14	16	TL	222	13939	285	20230	40455	Aircraft Rib	461B-3233-TL		25.5	24.8	8	7.55	23.14	6.84	12.6	9.40	0.717	25.5x8.0-14	5.75	14	1.00	2.10
25.5x8.0-14	20	TL	217K	16200	310	23500	43700	Aircraft Rib	461B-3529-TL		25.5	24.8	8	7.55	23.13	6.84	10.94	9.40	0.717	25.5x8.0-14	5.75	14	1.00	2.10
25.5x8.75-10	14	TL	190	8500	101	12750	22950	Aircraft Rib	259K48G1		25.6	24.7	8.65	8.25	22.85	7.69	10.25	7.20	0.896	24x7.7	5.50	10	0.91	1.50
25.75x6.75-14	14	TL	210	10300	199	14930	27800	Aircraft Rib	256K43-2		25.75	25.1	6.75	6.35	23.65	5.95	11.2	8.00	0.884	26x6.6	5.00	14	1.00	1.70
25.75x6.75-14	14	TL	210	10300	199	14930	27800	Aircraft Rib	256K43-3		25.75	25.1	6.75	6.35	23.65	5.95	11.2	8.00	0.884	26x6.6	5.00	14	1.00	1.70
25.75x6.75-14	14	TL	210	10300	199	14930	27800	Aircraft Rib	256K43-4		25.75	25.1	6.75	6.35	23.65	5.95	11.2	8.00	0.884	26x6.6	5.00	14	1.00	1.70
26x6.75-14	16	TL	190	11900	270	17850	35700	Flight Eagle	265K68-2		26	25.3	6.75	6.34	23.85	5.94	11.3	9.60	0.888	26x6.6	5.00	14	1.00	1.90
26x10.0-11	12	TL	139K	9700	140	14550	30400	Aircraft Rib	461B-3251-TL		26	25.5	10	9.44	23.3	8.8	10.85	7.80	0.758	26x10.0-11	8.00	11	1.00	1.95
26x10.5-6	6	TL	120	2765	25	4010	7465	Smooth	260K61-1		26	25.1	10.5	9.95	22.4	9.25	9.64	5.00	0.955	9.00-6	6.75	6	0.88	1.45
H26.5X8.0-14	14	TL	210	10975	189	16475	29590	Flight Leader	269K43-2		26.5	25.9	8	7.55	25.25	7.2	11.3	9.30	0.781	H26.5x8.0-14	5.25	14	1.00	2.00
27x7.75-15	12	TL	225	9650	200	14475	29000	Flight Leader	275K22-1		27	26.3	7.75	7.3	24.85	6.84	11.8	9.80	0.773	29x7.7	6.00	15	1.00	1.65
27x7.75-15	12	TL	225	9650	200	14475	29000	Flight Leader	275K22T1		27	26.3	7.75	7.3	24.85	6.84	11.8	9.80	0.773	29x7.7	6.00	15	1.00	1.60
27.75x8.75-14.5	24	TL	225K	21500	320	31175	58050	Aircraft Rib	461B-3537-TL		27.75	27.05	8.75	8.25	21.6	7.48	11.85	9.90	0.759	H27.75x8.75-14.5	6.00	14.5	1.20	2.35
28x9.0-14	22	TL	185K	18100	280	27150	54300	Aircraft Rib	461B-3140-TL		27.85	27.3	9.1	8.6	25.25	8	12	9.60	0.767	28x9.0-14	7.25	14	1.13	2.25
H29x9.0-15	16	TL	210	14500	196	21750	39200	Flight Leader	299K63-1		29	28.2	9	8.5	27.7	8.55	12.3	9.89	0.777	H29x9.0-15	6.00	15	0.95	2.15
29x11.0-10	10	TL	120	7070	60	10250	19100	Aircraft Rib	110T01-3		29	28.1	11	10.4	25.6	9.35	11.4	7.30	0.867	29x11.0-10	8.50	10	1.00	1.10
29x11.0-10	10	TL	210	7070	69	10605	21210	Aircraft Rib	110T03-1		29	28.1	11	10.4	25.6	9.35	11.39	7.30	0.867	29x11.0-10	8.50	10	1.00	1.40
30x9.5-14	16	TL	210	13700	177	20600	41100	Flight Leader	304K63-2		30	29	9.5	8.95	28.4	8.55	12.64	9.60	0.839	30x9.5-14	7.00	14	1.13	2.25
H30x9.5-16	16	TL	225	15350	202	23025	46050	Flight Leader	302K62B1		30	29.35	9.5	8.95	28.6	8.55	12.85	10.20	0.741	H30x9.5-16	6.25	16	1.10	2.20
30x11.50-14.5	24	TL	210K	25000	243	36250	67500	Aircraft Rib	301K45G1		29.75	28.75	11.5	11	27	10.1	12.5	10.30	0.656	30x11.5-14.5	9.75	14.5	1.25	2.75
30x11.50-14.5	24	TL	215K	25000	243	36250	67500	Aircraft Rib	461B-2573-TL 461B-3197-TL		29.75	28.75	11.5	11	27	10.1	12.5	10.30	0.656	30x11.5-14.5	9.75	14.5	1.25	2.75
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Three-Part Name Sizes

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	Ply Rating	TT or TL	Rated Speed (MPH)	Rated Load (Lbs)	Rated Inflation (PSI)	Maximum Braking Load (Lbs)	Maximum Bottoming Load (Lbs)				Outside Diameter		Section Width		Shoulder					Wheel (Rim) Size	Width Between Flanges	Specified Rim Diameter	Flange Height	Min Ledge Width
											Max	Min	Max	Min	Diameter Max	Width Max								
34.5x9.75-18	26	TL	225K	30100	340	45150	90300	Aircraft Rib	461B-3268-TL		34.5	33.7	9.75	9.15	31.55	8.4	14.85	11.90	0.851	34.5x9.75-18	7.50	18	1.25	2.55
H35x11.0-18	20	TL	225	23400	216	35100	63200	Flight Eagle	350K02-1		35	34.15	11	10.4	33.3	9.9	14.8	11.80	0.774	H35x11.0-18	7.00	18	1.20	2.80
35x11.5-16	22	TL	222K	23000	210	34500	69000	Aircraft Rib	461B-3418-TL		35	34.1	11.5	10.9	31.8	10.1	14.75	10.80	0.828	36x11	9.00	16	1.38	2.80
35x11.5-17	26	TL	240	28300	255	42450	76460	Aircraft Rib	461B-3912-TL		35	34.25	11.5	10.9	31.76	10.12	14.8	11.70	0.785	35x11.5-17	9.00	17	1.38	3.00
36x11.0-18	30	TL	227K	35800	305	53700	85150	Aircraft Rib	461B-3477-TL		35.8	34.9	10.4	9.85	34.1	9.35	15.25	12.40	0.856	36x11.0-18	8.50	18	1.75	3.20
H36x11.5-19	20	TL	225	24925	221	37400	67300	Flight Leader	363K02-1		36	35.25	11.5	10.9	34.3	10.35	15.3	12.40	0.740	H36x11.5-19	7.50	19	1.20	2.60
H36x12.0-18	18	TL	225	21525	177	32300	58125	Flight Leader	362K82-1		36	35.2	12	11.35	34.2	10.8	15.2	11.80	0.753	H36x12.0-18	7.75	18	1.20	—
37x11.75-16	12	TL	190	13000	80	18850	35100	Flight Leader	371K28G1		37	36.1	11.75	11.15	33.25	10.35	15.05	10.30	0.897	37x11.75-16	9.25	16	1.00	1.63
37x14.0-14	24	TL	225	25000	160	37500	75000	Flight Leader	374F42-4		37	36.05	14	13.3	32.85	12.3	15.14	10.50	0.824	37x14.0-14	11.00	14	1.50	3.00
H37x14.0-15	22	TL	235	24100	165	36150	65000	Flight Leader	375K29-1		37	36.1	14	13.3	33.04	12.3	15.25	10.40	0.788	H37x14.0-15	9.00	15	1.30	2.80
H38x12.0-19	20	TL	210	25275	192	38000	68300	Flight Eagle	382K03-3		38	37.1	12	11.35	36.1	10.8	16	12.50	0.794	H38x12-19	7.75	19	1.30	2.73
H38x13.0-18	20	TL	225	25075	172	37625	67730	Flight Leader	383K02-1		38	37.15	13	12.3	36	11.7	15.8	11.80	0.770	H38x13.0-18	8.5	18	1.20	2.40
H40x14.0-19	20	TL	225	27100	166	39295	73200	Flight Leader	409K02-2		40	39.1	14	13.2	36.25	12	16.6	12.30	0.755	H40x14.0-19	9.00	19	1.20	2.50
H40x14.5-19	24	TL	225	33200	200	48140	89600	Flight Leader	419K42-3		40	39.1	14.5	13.75	36.25	12.8	16.64	12.70	0.726	H40x14.5-19	9.50	19	1.40	3.10
H40x14.5-19	24	TL	225	33200	200	48140	89600	Flight Leader	419K42T 1		40	39.1	14.5	13.75	36.25	12.8	16.64	12.70	0.726	H40x14.5-19	9.50	19	1.40	3.10
H40x14.5-19	26	TL	225	36800	220	53360	99360	Flight Leader	419K62-3		40	39.1	14.5	13.75	36.25	12.8	16.64	12.89	0.726	H40x14.5-19	9.50	19	1.40	3.10
H40x14.5-19	26	TL	225	36800	220	53360	99360	Flight Leader	419K62T 1 419K62T2		40	39.1	14.5	13.75	36.25	12.8	16.64	12.89	0.726	H40x14.5-19	9.50	19	1.40	3.10
40x15.5-16	28	TL	235	39500	195	57270	106600	Flight Leader	405K89-2		40	39.05	15.5	14.75	35.7	13.64	16.1	11.39	0.777	40x15.5-16	10.00	16	1.25	3.20
41x15.0-18	24	TL	225	31400	190	47100	94200	Flight Leader	415K42G6		41	40.05	15	14.25	36.9	13.19	17.2	12.50	0.769	41x15.0-18	12.75	18	1.63	3.00
H41x15.0-19	24	TL	225	33650	187	48800	90900	Flight Leader	416K42-1		41	40.1	15	14.25	38.79	13.5	17	12.90	0.736	H41x15.0-19	9.75	19	1.40	3.10
H42x16.0-19	26	TL	225	37800	190	56700	102100	Flight Leader	426K62-2		42	41.1	16	15.2	37.9	14.1	17.29	12.89	0.722	H40x14.5-19	9.50	19	1.40	3.10
43x16.0-20	28	TL	174K	38600	215	56900	115800	Aircraft Rib	461B-3517-TL		43	42.1	16	15.2	38.9	14.15	17.95	13.70	0.722	43x16.0-20	13.00	20	1.75	3.45
H43.5x16.0-21	26	TL	225	40600	210	60900	109600	Flight Leader	431K62-1		43.5	42.55	16	15.2	41.25	14.4	18.25	14.10	0.706	H44.5x16.5-21	10.50	21	1.60	1.24
44.5x16.5-18	30	TL	225	42500	195	63750	127500	Flight Leader	456F02-4		44.5	43.5	16.5	15.7	39.7	14.5	18.35	12.80	0.806	44x16	13.25	18	1.63	3.55
H44.5x16.5-20	28	TL	225	42800	195	64200	115600	Flight Leader	446K82-2		44.5	43.5	16.5	15.7	40.09	14.55	18.35	13.90	0.745	H44.5x16.5-20	10.50	20	1.60	3.50
H44.5x16.5-21	28	TL	225	44700	214	64800	121000	Flight Leader	441K82-1 441K89-1		44.5	43.5	16.5	15.7	42.2	14.8	18.5	13.50	0.714	H44.5x16.5-21	10.50	21	1.60	3.30
H44.5x16.5-21	28	TL	225	44700	214	64800	121000	Flight Leader	441K82T 1		44.5	43.5	16.5	15.7	42.2	14.8	18.5	13.50	0.714	H44.5x16.5-21	10.50	21	1.60	3.30
H44.5x16.5-21	30	TL	235	48400	230	70180	130680	Flight Leader	441K09T 1		44.5	43.5	16.5	15.7	42.2	14.8	18.5	13.50	0.714	H44.5x16.5-21	10.50	21	1.60	3.30
B46x16.0-23.5	30	TL	240K	53800	260	80700	161400	Aircraft Rib	461B-3355-TL		46	45.1	16	15.2	42.2	14.1	19.64	15.00	0.707	B46x16.0-23.5	10.50	23.5	1.25	3.15
H46x18.0-20	28	TL	225	44200	180	64100	119300	Flight Leader	468K82-2		46	45	18	17.15	41.29	15.85	18.85	13.60	0.725	H45x17.0-20	11.00	20	1.60	3.55
H46x18.0-20	32	TL	235	51100	205	74100	138000	Flight Leader	468K29-2		46	45	18	17.15	41.29	15.85	18.85	13.70	0.725	H45x17.0-20	11.00	20	1.60	3.80
47x18-18	36	TL	217K	54000	215	81000	162000	Aircraft Rib	461B-2481-TL		46.9	46	17.9	17.25	41.6	15.75	19.25	13.10	0.809					

Type I

Size	CONSTRUCTION			SERVICE RATING				Tread Design / Trademark	Part Number		INFLATED DIMENSIONS						Static Loaded Radius (In)	Flat Tire Radius (In)	Aspect Ratio	WHEEL				
	Ply Rating	TT or TL	Rated Speed (MPH)	Rated Load (Lbs)	Rated Inflation (PSI)	Maximum Braking Load (Lbs)	Maximum Bottoming Load (Lbs)				Outside Diameter		Section Width		Shoulder					Wheel (Rim) Size	Width Between Flanges	Specified Rim Diameter	Flange Height	Min Ledge Width
											Max	Min	Max	Min	Diameter Max	Width Max								
27	10	TL	120	5500	70	7980	14800	Aircraft Rib	270A01B3		27.78	26.95	9.75	—	—	—	11.6	8.80	0.727	27	8.94	14	0.69	—

Type III

Size	CONSTRUCTION			SERVICE RATING				Tread Design / Trademark	Part Number		INFLATED DIMENSIONS						Static Loaded Radius (In)	Flat Tire Radius (In)	Aspect Ratio	WHEEL				
	Ply Rating	TT or TL	Rated Speed (MPH)	Rated Load (Lbs)	Rated Inflation (PSI)	Maximum Braking Load (Lbs)	Maximum Bottoming Load (Lbs)				Outside Diameter		Section Width		Shoulder					Wheel (Rim) Size	Width Between Flanges	Specified Rim Diameter	Flange Height	Min Ledge Width
											Max	Min	Max	Min	Diameter Max	Width Max								
5.00-4	6	TT	120	1200	55	1740	3200	Aircraft Rib	504C61-2		13.25	12.7	5.05	4.75	11.6	4.3	5.2	3.80	0.916	5.00-4	3.50	4	0.75	0.80
5.00-4	14	TL	120	2550	115	3700	6900	Aircraft Rib	504T41-2		13.25	12.7	5.05	4.75	11.6	4.3	5.2	4.00	0.916	5.00-4	3.50	4	0.75	1.10
5.00-4.5	6	TL	120K	1650	78	2390	4500	Twin Contact	545M6CB1		13.45	12.95	5.3	5	13.2	3.6	5.3	4.00	0.845	5.00-4.5	4.00	4.5	0.65	0.94
5.00-5	4	TT	120	800	31	1160	2200	Flight Special II	505C41-4		14.2	13.65	4.95	4.65	12.55	4.2	5.7	4.30	0.930	5.00-5	3.50	5	0.75	0.80
5.00-5	4	TT	160	800	31	1160	2200	Flight Custom III	505C46-4		14.2	13.65	4.95	4.65	12.55	4.2	5.7	4.30	0.930	5.00-5	3.50	5	0.75	0.80
5.00-5	6	TT	120	1285	50	1860	3500	Flight Special II	505C61-8		14.2	13.65	4.95	4.65	12.55	4.2	5.7	4.30	0.930	5.00-5	3.50	5	0.75	0.80
5.00-5	6	TT	160	1285	50	1860	3500	Flight Custom III	505C66-5		14.2	13.65	4.95	4.65	12.55	4.2	5.7	4.30	0.930	5.00-5	3.50	5	0.75	0.80
5.00-5	10	TT	120	2150	88	3120	5800	Flight Special II	505C01-2		14.2	13.65	4.95	4.65	12.55	4.2	5.7	4.30	0.930	5.00-5	3.50	5	0.75	0.80
5.00-5	10	TL	190	2150	88	3120	5800	Flight Eagle LT	505T08-1		14.2	13.65	4.95	4.65	12.55	4.2	5.7	4.30	0.930	5.00-5	3.50	5	0.75	0.80
6.00-6	4	TT	120	1150	29	1670	3100	Flight Special II	606C41-6		17.5	16.8	6.3	5.9	15.45	5.35	6.9	4.80	0.913	6.00-6	5.00	6	0.75	0.80
6.00-6	4	TT	120	1150	29	1670	3100	Flight Special II	606C41B1		17.5	16.8	6.3	5.9	15.45	5.35	6.9	4.80	0.913	6.00-6	5.00	6	0.75	0.80
6.00-6	4	TT	160	1150	29	1670	3100	Flight Custom III	606C46-6		17.5	16.8	6.3	5.9	15.45	5.35	6.9	4.80	0.913	6.00-6	5.00	6	0.75	0.80
6.00-6	6	TT	120	1750	42	2540	4700	Flight Special II	606C61-6 606C61B1		17.5	16.8	6.3	5.9	15.45	5.35	6.9	4.80	0.913	6.00-6	5.00	6	0.75	0.85
6.00-6	6	TT	160	1750	42	2540	4700	Flight Custom III	606C66-8		17.5	16.8	6.3	5.9	15.45	5.35	6.9	4.80	0.913	6.00-6	5.00	6	0.75	0.70
6.00-6	8	TT	120	2350	55	3410	6300	Flight Special II	606C81B1		17.5	16.8	6.3	5.9	15.45	5.35	6.9	4.80	0.913	6.00-6	5.00	6	0.75	0.60
6.00-6	8	TL	160	2350	55	3410	6300	Aircraft Rib	461B-2297-TL		17.5	16.8	6.3	5.9	15.45	5.35	6.9	4.80	0.913	6.00-6	5.00	6	0.75	0.90
6.00-6	8	TT	160	2350	55	3410	6300	Flight Special II	606C86-3		17.5	16.8	6.3	5.9	15.45	5.35	6.9	4.80	0.913	6.00-6	5.00	6	0.75	0.90
6.00-6	8	TT	160	2350	55	3410	6300	Flight Custom III	606C86-6 606T86-3		17.5	16.8	6.3	5.9	15.45	5.35	6.9	4.80	0.913	6.00-6	5.00	6	0.75	0.70
6.00-6.5/420x150	4	TT	120	1750	45	2540	4725	Aircraft Rib	607C41-2		17.3	16.8	5.9	5.6	15.25	5	6.95	4.90	0.916	6.00-6.5	3.79	6.5	0.72	0.75
6.50-8	6	TT	160	2300	51	3340	6200	Flight Custom III	658C66-2		19.85	19.15	6.9	6.35	17.7	5.85	8	5.90	0.867	6.50-8	5.25	8	0.81	0.95
6.50-8	8	TT	120	3150	75	4570	8500	Flight Special II	658C81-3		19.85	19.15	6.9	6.35	17.7	5.85	8	5.90	0.867	6.50-8	5.25	8	0.81	0.95
6.50-8	8	TL	139K	3150	75	4570	8500	Aircraft Rib	461B-2145-TL		19.85	19.15	6.9	6.35	17.7	5.85	8	5.90	0.867	6.50-8	5.25	8	0.81	0.95
6.50-8	8	TT	160	3150	75	4570	8500	Flight Custom III	658C86-4		19.85	19.15	6.9	6.35	17.7	5.85	8	5.90	0.867	6.50-8	5.25	8	0.81	0.95
6.50-8	8	TL	160	3150	75	4570	8500	Flight Custom III	658T86-3		19.85	19.15	6.9	6.35	17.7	5.85	8	5.90	0.867	6.50-8	5.25	8	0.81	0.95
6.50-10	6	TL	160	2770	60	4020	7500	Flight Custom III	650T66-3		22.1	21.35	6.65	6.25	19.9	5.65	9.1	6.90	0.908	6.50-10	4.75	10	0.81	0.95
6.50-10	8	TT	120	3750	80	5440	10100	Flight Special II	650C81-5		22.1	21.35	6.65	6.25	19.9	5.65	9.1	7.10	0.908	6.50-10	4.75	10	0.81	1.10
6.50-10	8	TT	160	3750	80	5440	10100	Flight Custom III	650C86-3		22.1	21.35	6.65	6.25	19.9	5.65	9.1	7.10	0.908	6.50-10	4.75	10	0.81	0.95
6.50-10	10	TT	160	4750	100	6890	12800	Flight Custom III	650C06-3		22.1	21.35	6.65	6.25	19.9	5.65	9.1	7.10	0.908	6.50-10	4.75	10	0.81	1.10
6.50-10	10	TL	160	4750	100	6890	12800	Aircraft Rib	650Y0A-1 461B-2058-TL		22.1	21.35	6.65	6.25	19.9	5.65	9.1	7.10	0.908	6.50-10	4.75	10	0.81	1.10
6.50-10	12	TL	160	5750	120	8340	15500	Flight Special II	650T26-2		22.1	21.35	6.65	6.25	19.9	5.65	9.1	7.10	0.908	6.50-10	4.75	10	0.81	1.10
6.50-10	14	TL	160K	7738	159	11600	23200	Aircraft Rib	650G4KG1		22.1	21.35	6.65	6.25	19.9	5.65	9.1	7.10	0.908	6.50-10	4.75	10	0.81	1.10
6.50-10	14	TL	174K	7738	159	11600	23200	Aircraft Rib	650G4EG1		22.1	21.35	6.65	6.25	19.9	5.65	9.1	7.10	0.908	6.50-10	4.75	10	0.81	1.10
7.00-6	6	TT	120	1900	38	2760	5100	Flight Special II	706C61-4 706C61B1		18.75	18	7	6.45	16.45	5.95	7.3	4.80	0.920	6.00-6	5.00	6	0.75	0.70

Type III

Size	CONSTRUCTION			SERVICE RATING				Tread Design / Trademark	Part Number		INFLATED DIMENSIONS						Static Loaded Radius (In)	Flat Tire Radius (In)	Aspect Ratio	WHEEL				
	Ply Rating	TT or TL	Rated Speed (MPH)	Rated Load (Lbs)	Rated Inflation (PSI)	Maximum Braking Load (Lbs)	Maximum Bottoming Load (Lbs)				Outside Diameter		Section Width		Shoulder					Wheel (Rim) Size	Width Between Flanges	Specified Rim Diameter	Flange Height	Min Ledge Width
											Max	Min	Max	Min	Diameter Max	Width Max								
7.00-6	6	TT	160	1900	38	2760	5100	Flight Custom III	706C66-3		18.75	18	7	6.45	16.45	5.95	7.3	4.80	0.920	6.00-6	5.00	6	0.75	0.70
7.00-6	8	TT	160	2550	54	3700	6900	Flight Custom III	706C86-3		18.75	18	7	6.45	16.45	5.95	7.3	4.80	0.920	6.00-6	5.00	6	0.75	0.90
7.00-6	10	TL	160	3600	73	5225	9700	Flight Custom II	706T01-1		18.75	18	7	6.45	16.45	5.95	7.3	4.80	0.920	6.00-6	5.00	6	0.75	0.90
7.00-8	10	TL	120	6750	126	10130	18230	Rib All Weather	708C01-1		21.36	20.1	7.59	6.84	18.97	6.45	8.4	5.90	0.882	7.00-8	5.50	8	0.81	1.30
7.00-8	16	TL	130K	6650	125	9640	18000	Aircraft Rib	461B-3294-TL		20.85	20.1	7.3	6.84	18.54	6.19	8.35	6.30	0.882	7.00-8	5.50	8	0.81	1.30
7.50-14	12	TL	160	8700	130	12620	23500	Aircraft Rib	754C26-2		27.75	27	7.65	7.19	25.29	6.5	11.64	9.10	0.901	7.50-14	5.50	14	0.81	1.65
8.00-4	4	TT	120	1100	24	1600	3000	Aircraft Rib	804C41-1		18	17.15	8.3	7.8	15.5	7.05	6.65	3.80	0.842	8.00-4	5.50	4	0.69	0.61
8.00-6	6	TT	120	2050	35	2970	5500	Flight Special II	806C61-5 806C61B1		19.5	18.75	7.95	7.35	17.04	6.75	7.55	4.80	0.857	6.00-6	5.00	6	0.75	0.85
8.00-6	8	TT	120	2800	48	4060	7600	Flight Special II	806C81-2 806C81B1		19.5	18.75	7.95	7.35	17.04	6.75	7.55	4.80	0.857	6.00-6	5.00	6	0.75	0.85
8.50-6	6	TL	120	2275	30	3300	6100	Aircraft Rib	856T61-1		22.1	21.15	8.85	8.3	19.2	7.5	8.39	5.00	0.911	8.50-6	6.00	6	0.88	0.90
8.50-10	8	TT	160	4400	55	6380	11900	Flight Custom III	850C86-2		25.65	24.7	8.7	8.2	22.79	7.4	10.19	6.90	0.898	8.50-10	6.25	10	0.81	1.35
8.50-10	8	TL	160	4400	55	6380	11900	Flight Custom III	850T86-2		25.65	24.7	8.7	8.2	22.79	7.4	10.19	6.90	0.898	8.50-10	6.25	10	0.81	1.35
8.50-10	10	Both	120	5500	70	7980	14800	Aircraft Rib	850H0A-1 461B-3332-TL		25.65	24.7	8.7	8.2	22.79	7.4	10.19	6.90	0.898	8.50-10	6.25	10	0.81	1.35
8.50-10	10	TL	160	5500	70	7980	14800	Flight Custom III	850T06-3		25.65	24.7	8.7	8.2	22.79	7.4	10.19	6.90	0.898	8.50-10	6.25	10	0.81	1.35
8.50-10	12	TL	139K	8000	100	11600	21600	Aircraft Rib	461B-3388-TL		25.65	24.7	8.7	8.2	22.79	7.4	10.19	7.10	0.898	8.50-10	6.25	10	0.81	1.50
8.50-10	14	TL	120	8700	110	12600	23500	Aircraft Rib	850G4A-1		25.65	24.7	8.7	8.2	22.79	7.4	10.19	7.10	0.898	8.50-10	6.25	10	0.81	1.15
8.50-10	16	TL	104K	9900	129	14900	26700	Flight Custom II	850G6A-1		25.65	24.7	8.7	8.2	22.79	7.4	10.19	7.59	0.898	8.50-10	6.25	10	1.13	—
8.90-12.50	6	TL	160	4300	50	6090	11300	Rib All Weather	892C61B1		27.7	27.3	9	8.67	24.95	7.65	11.35	8.00	0.848	8.90-12.50	6.75	12.5	0.88	1.20
8.90-12.50	6	TL	160	4300	50	6090	11300	Aircraft Rib	892C66B1		27.7	27.3	9	8.67	24.95	7.65	11.35	8.00	0.848	8.90-12.50	6.75	12.5	0.88	1.20
9.00-6	10	TL	120	4500	58	6530	12100	Aircraft Rib	906T06-1		22.4	21.4	9.25	8.55	19.45	7.84	8.5	5.10	0.893	9.00-6	6.75	6	0.88	1.45
9.25-12	8	TL	160	5600	60	8120	15100	Flight Leader	922C86T1		28.2	27.4	9.5	9	25.29	8.1	11.44	8.10	0.853	9.25-12	7.00	12	0.88	1.12
9.25-12/28x9.00-12	12	TL	160	8850	100	12800	23800	Aircraft Rib	982T26G1		28.3	27.4	9.4	8.9	25.35	8	11.39	8.00	0.865	28x9.0-12	6.63	12	0.75	1.50
11.00-12	10	TL	160	8200	60	11890	22100	Aircraft Rib	112T06-3		32.2	31	11.2	10.5	28.55	9.5	12.69	8.10	0.902	11.00-12	8.25	12	1.00	1.40
12.50-16	10	TL	160	10600	60	15370	28600	Aircraft Rib	126G06G1		38.45	37.5	12.75	12	34.4	10.85	15.6	10.50	0.888	12.50-16	10.00	16	1.25	1.80
12.50-16	12	TL	160	12800	75	18560	34600	Aircraft Rib	461B-1876-TL		38.45	37.5	12.75	12	34.4	10.85	15.6	10.90	0.888	12.50-16	10.00	16	1.25	1.90
15.00-12	14	TL	160	12700	65	18410	34300	Aircraft Rib	152T46-1		36.3	35.35	14.7	13.95	31.95	12.5	14.1	8.39	0.832	15.00-12	11.00	12	1.00	2.50
15.00-16	10	TL	160	12200	53	17690	32900	Aircraft Rib	156G06G1		42.4	41.4	15.3	14.4	37.65	13	16.8	10.60	0.871	15.00-16	11.25	16	1.19	1.75
15.00-16	16	TL	160	19700	80	28560	53200	Aircraft Rib	156T66G1		42.4	41.4	15.3	14.4	37.65	13	16.89	11.00	0.871	16.00-16	11.25	16	1.38	1.90
17.00-16	12	TT	160	16000	60	23200	43200	Aircraft Rib	176C26B1		45.05	43.7	17.4	16.35	39.79	14.8	17.7	11.00	0.841	17.00-16	13.25	16	1.38	2.00
20.00-20	26	TL	174K	46500	125	67420	125600	Aircraft Rib	461B-2598-TL		56	54.3	20.1	19.2	49.5	17.1	22.1	13.80	0.893	20.00-20	15.50	20	2.00	3.50

Type VII

Size	CONSTRUCTION			SERVICE RATING				Tread Design / Trademark	Part Number		INFLATED DIMENSIONS						Static Loaded Radius (In)	Flat Tire Radius (In)	Aspect Ratio	WHEEL				
	Ply Rating	TT or TL	Rated Speed (MPH)	Rated Load (Lbs)	Rated Inflation (PSI)	Maximum Braking Load (Lbs)	Maximum Bottoming Load (Lbs)				Outside Diameter		Section Width		Shoulder					Wheel (Rim) Size	Width Between Flanges	Specified Rim Diameter	Flange Height	Min Ledge Width
											Max	Min	Max	Min	Diameter Max	Width Max								
16x4.4	4	TL	210	1100	55	1650	3300	Flight Eagle	164F43-2		16	15.5	4.45	4.15	14.55	3.9	6.9	5.90	0.901	16x4.4	3.50	8	0.81	0.80
16x4.4	6	TT	160	1700	85	2550	5100	Aircraft Rib	164F66-2 461B-2494		16	15.5	4.45	4.15	14.55	3.9	6.9	5.90	0.901	16x4.4	3.50	8	0.81	0.80
16x4.4	6	TL	210	1700	85	2550	5100	Flight Eagle	164F63-1		16	15.5	4.45	4.15	14.55	3.9	6.9	5.90	0.901	16x4.4	3.50	8	0.81	0.90
16x4.4	6	TL	210	1700	85	2550	5100	Flight Eagle DT	164F63-2		16	15.5	4.45	4.15	14.55	3.9	6.9	5.90	0.901	16x4.4	3.50	8	0.81	0.90
16x4.4	10	TL	190	2900	155	4400	7800	Flight Eagle DDT	164F08-2		16	15.5	4.45	4.15	14.55	3.9	6.9	5.90	0.901	16x4.4	3.50	8	0.81	0.80
16x4.4	10	TL	210	2900	155	4400	7800	Flight Eagle DT	164F03-1		16	15.5	4.45	4.15	14.55	3.9	6.9	5.90	0.901	16x4.4	3.50	8	0.81	0.90
16x4.4	10	TL	210	2900	155	4400	7800	Flight Eagle DT	164F03-2		16	15.5	4.45	4.15	14.55	3.9	6.9	5.90	0.901	16x4.4	3.50	8	0.81	0.80
16x4.4	12	TL	190	3475	185	5213	10425	Flight Eagle	164F28-1		16	15.5	4.45	4.15	14.55	3.9	6.9	5.90	0.901	16x4.4	3.50	8	0.81	3.50
18x4.4	6	TL	174K	2100	100	3150	6300	Aircraft Rib	461B-2741-TL		17.9	17.4	4.45	4.15	16.5	3.9	7.9	6.90	0.889	18x4.4	3.50	10	0.81	1.05
18x4.4	6	TL	190	2100	100	3150	6300	Aircraft Rib DDT	184F68-1		17.9	17.4	4.45	4.15	16.5	3.9	7.9	6.90	0.889	18x4.4	3.50	10	0.81	1.05
18x4.4	10	TL	190	3550	185	5320	10600	Aircraft Rib DDT	184F08-1		17.9	17.4	4.45	4.15	16.5	3.9	7.9	7.10	0.889	18x4.4	3.50	10	0.81	1.25
18x4.4	10	TL	210	3550	185	5320	10600	Flight Eagle DT	184F03-2		17.9	17.4	4.45	4.15	16.5	3.9	7.9	7.10	0.889	18x4.4	3.50	10	0.81	1.25
18X4.4	10	TL	210	3550	185	5320	10600	Aircraft Rib DDT	184F10-2		17.9	17.4	4.45	4.15	16.5	3.9	7.9	7.10	0.889	18x4.4	3.50	10	0.81	1.25
18x4.4	10	TL	210	3550	185	5320	10600	Aircraft Rib DDT	184F13-5		17.9	17.4	4.45	4.15	16.5	3.9	7.9	7.10	0.889	18x4.4	3.50	10	0.81	1.25
18x4.4	12	TL	210	4350	225	6520	13000	Flight Eagle DT	184F23-2		17.9	17.4	4.45	4.15	16.5	3.9	7.9	7.00	0.889	18x4.4	3.50	10	0.81	1.25
18x4.4	12	TL	210	4350	225	6520	13000	Aircraft Rib DT	184F23-4		17.9	17.4	4.45	4.15	16.5	3.9	7.9	7.00	0.889	18x4.4	3.50	10	0.81	1.25
18x5.5	8	TT	120	3050	105	4570	9200	Flight Special II	185F81-1		17.9	17.3	5.75	5.35	16.2	5	7.5	5.90	0.869	18x5.5	4.25	8	0.88	1.25
18x5.5	8	TL	139K	3050	105	4570	9200	Aircraft Rib	461B-3075-TL		17.9	17.3	5.75	5.35	16.2	5	7.5	5.90	0.869	18x5.5	4.25	8	0.88	1.25
18X5.5	8	TL	190	3050	105	4570	9200	Flight Eagle	185F88-6		17.9	17.3	5.75	5.35	16.2	5	7.5	5.90	0.869	18x5.5	4.25	8	0.88	1.25
18x5.5	8	TL	210	3050	105	4570	9200	Flight Leader	185F83G1		17.9	17.3	5.75	5.35	16.2	5	7.5	5.90	0.869	18x5.5	4.25	8	0.88	1.25
18X5.5	10	TL	210	4000	140	6000	12000	Flight Eagle	185F03-5		17.9	17.3	5.75	5.35	16.2	5	7.5	6.10	0.869	18x5.5	4.25	8	0.88	1.25
18x5.5	10	TL	210	4000	140	6000	12000	Flight Leader DT	185K03-1		17.9	17.3	5.75	5.35	16.2	5	7.5	6.10	0.869	18x5.5	4.25	8	0.88	1.25
18x5.5	14	TL	239K	6200	215	9300	18600	Aircraft Rib	185P4HG1		17.9	17.3	5.75	5.35	16.2	5	7.5	6.30	0.869	18x5.5	4.25	8	0.88	1.50
20x4.4	14	TL	255	6500	265	9750	19500	Aircraft Rib	461B-3779-TL		20	19.5	4.45	4.15	19.45	3.95	8.9	8.10	0.901	20x4.4	3.50	12	0.81	1.28
22x5.5	12	TL	174K	7100	235	10650	21300	Rib All Weather	461B-3247-TL		22.15	21.55	5.7	5.35	21.3	4.95	9.65	8.30	0.890	22x5.5	4.25	12	0.88	1.45
24x5.5	12	TL	139K	8070	250	12110	24200	Rib All Weather	461B-3246-TL		24.15	23.55	5.7	5.35	23.3	4.95	10.65	9.10	0.887	24x5.5	4.25	14	0.88	1.38
24x5.5	16	TT	174K	11500	355	17250	34500	Rib All Weather	461B-2482-AS		24.15	23.55	5.7	5.35	23.3	4.95	10.65	9.50	0.887	24x5.5	4.25	14	0.88	1.38
26x6.6	10	TL	225	6900	155	10350	20700	Flight Leader DT	266F02-6		25.75	25.05	6.65	6.25	23.55	5.85	11.2	9.30	0.884	26x6.6	5.00	14	1.00	1.40
26x6.6	12	TL	225	8600	185	12900	25800	Flight Leader	266F22-3		25.75	25.05	6.65	6.25	23.55	5.85	11.2	9.40	0.884	26x6.6	5.00	14	1.00	1.70
26x6.6	14	TL	210	10000	225	15000	30000	Flight Eagle	266F43-2		25.75	25.05	6.65	6.25	23.55	5.85	11.2	9.39	0.884	26x6.6	5.00	14	1.00	1.70
24x7.7	6	TL	190	2950	55	4420	8800	Flight Leader	247F68G1		24.15	23.3	7.65	7.2	21.5	6.75	10	7.00	0.924	24x7.7	5.50	10	0.91	1.25
24x7.7	8	TL	160	4150	75	6220	12500	Flight Leader	247F86T1		24.15	23.3	7.65	7.2	21.5	6.75	10	7.00	0.924	24x7.7	5.50	10	0.91	1.25
24x7.7	10	TL	210	5400	90	8100	16200	Flight Leader	247F03G3		24.15	23.3	7.65	7.2	21.5	6.75	10	7.20	0.924	24x7.7	5.50	10	0.91	1.25
24x7.7	10	TL	225	5400	90	8100	16200	Flight Leader DT	247F02G1		24.15	23.3	7.65	7.2	21.5	6.75	10	7.20	0.924	24x7.7	5.50	10	0.91	1.25
24x7.7	12	TL	225	6800	110	10200	20400	Flight Leader	247F22-1		24.15	23.3	7.65	7.2>										

Type VII

Size	CONSTRUCTION			SERVICE RATING				Tread Design / Trademark	Part Number		INFLATED DIMENSIONS						Static Loaded Radius (In)	Flat Tire Radius (In)	Aspect Ratio	WHEEL				
	Ply Rating	TT or TL	Rated Speed (MPH)	Rated Load (Lbs)	Rated Inflation (PSI)	Maximum Braking Load (Lbs)	Maximum Bottoming Load (Lbs)				Outside Diameter		Section Width		Shoulder					Wheel (Rim) Size	Width Between Flanges	Specified Rim Diameter	Flange Height	Min Ledge Width
											Max	Min	Max	Min	Diameter Max	Width Max								
39x13	14	TL	210	15000	100	22500	45000	Flight Leader	393F43-1		38.25	37.3	13	12.25	34.25	11.44	15.8	10.69	0.861	12.50-16	10.00	16	1.25	2.20
39x13	16	TL	195K	17200	115	25800	51600	Aircraft Rib	461B-2787-TL		38.25	37.3	13	12.25	34.25	11.44	15.8	11.00	0.861	12.50-16	10.00	16	1.25	2.30
39x13	16	TL	225	17200	115	25800	51600	Flight Leader	393F62G5 393F62T2		38.25	37.3	13	12.25	34.25	11.44	15.8	11.00	0.861	12.50-16	10.00	16	1.25	2.30
39x13	18	TL	210	19400	130	29100	58200	Flight Leader	393F83-1		38.25	37.3	13	12.25	34.25	11.45	15.8	11.00	0.861	12.50-16	10.00	16	1.38	2.30
39x13	24	TL	210	27400	188	41100	82200	Flight Leader	393F53-1		38.25	37.3	13	12.25	34.25	11.44	15.85	11.00	0.861	12.50-16	10.00	16	1.38	2.80
40x14	16	TL	210	17300	105	25950	51900	Flight Leader	404F63T2		39.8	38.85	14	13.25	35.09	12	16.45	10.30	0.856	40x14	11.00	16	1.63	2.40
40x14	24	TL	225	27700	170	41500	83100	Flight Leader	404F42-9 404F42T2		39.8	38.85	14	13.25	35.09	12	16.45	10.60	0.856	40x14	11.00	16	1.63	2.95
40X14	28	TL	174K	33500	200	50250	100500	Aircraft Rib	461B-3208-TL		39.8	38.85	14	13.25	35.09	12	16.45	10.80	0.856	40x14	11.00	16	1.63	3.10
44x16	28	TL	174K	38400	200	57600	115200	Aircraft Rib	461B-2886-TL		43.25	42.3	16	15.05	38.2	13.7	17.95	12.80	0.797	44x16	13.25	18	1.63	3.25
44x16	30	TL	225	41700	210	62550	125100	Flight Leader	446F02-4		43.25	42.3	16	15.05	38.2	13.7	17.95	12.80	0.797	44x16	13.25	18	1.63	3.40
46x16	28	TL	195K	41800	210	62700	125400	Flight Leader ER	461B-3562-TL		45.25	44.3	16	15.05	40.7	14.1	19	13.70	0.797	46x16	13.25	20	1.75	3.25
46x16	28	TL	225	41800	210	62700	125400	Flight Leader	466F82T6		45.25	44.3	16	15.05	40.7	14.1	19	13.70	0.797	46x16	13.25	20	1.75	3.25
46x16	30	TL	225	44800	225	67200	134400	Flight Leader	466F02-6 461B-3393-TL 466F02T5		45.25	44.3	16	15.05	40.7	14.1	19	14.00	0.797	46x16	13.25	20	1.88	3.40
46x16	32	TL	225	48000	245	72000	144000	Flight Leader	466F22G1		45.25	44.3	16	15.05	40.7	14.1	19	14.00	0.797	46x16	13.25	20	1.88	3.40
49x17	26	TL	174K	39600	170	59400	118800	Aircraft Rib	461B-3505-TL		48.75	47.7	17.25	16.4	43	14.5	20.14	13.40	0.838	46x16	13.25	20	1.75	3.25
49x17	26	TL	195K	39600	170	59400	118800	Aircraft Rib	461B-2688-TL		48.75	47.7	17.25	16.4	43	14.5	20.14	13.40	0.838	46x16	13.25	20	1.75	3.25
49x17	30	TL	225	46700	195	70050	140100	Flight Leader	497F02-7 497F02T5 497F02T6		48.75	47.7	17.25	16.4	43	14.5	20.2	14.40	0.838	46x16	13.25	20	1.88	3.50
49x17	32	TL	235	50400	210	75600	151200	Flight Leader	497F29-3 497F29T1		48.75	47.7	17.25	16.4	43	14.5	20.2	14.00	0.838	46x16	13.25	20	1.88	3.65
56x16	38	TL	217K	76000	315	114000	228000	Aircraft Rib	461B-2403-TL		55.9	54.8	16.2	15.5	50.84	14.26	24	18.80	0.862	56x16	12.75	28	2.25	4.60

Metric

Size	CONSTRUCTION			SERVICE RATING				Tread Design / Trademark	Part Number		INFLATED DIMENSIONS						Static Loaded Radius (In)	Flat Tire Radius (In)	Aspect Ratio	WHEEL				
	Ply Rating	TT or TL	Rated Speed (MPH)	Rated Load (Lbs)	Rated Inflation (PSI)	Maximum Braking Load (Lbs)	Maximum Bottoming Load (Lbs)				Outside Diameter		Section Width		Shoulder					Wheel (Rim) Size	Width Between Flanges	Specified Rim Diameter	Flange Height	Min Ledge Width
											Max	Min	Max	Min	Diameter Max	Width Max								
380x150/15x6.0-6	6	TT	120	1600	45	2320	4300	Aircraft Rib	385M61-1		15.2	14.72	5.91	5.59	13.4	5.3	5.9	4.09	0.865	380x150	3.75	5	0.51	—
450x190-5	10	TL	190	3600	75	5400	10800	Flight Leader	459M08-2		18.31	17.52	7.68	7.28	15.94	6.88	7.09	4.30	0.850	450x190-5	6.30	5	0.71	1.38
450x190-5	10	TL	230	3822	90	5730	11500	Aircraft Rib	459M09B1 461B-2987-TL		18.11	17.32	7.72	7.24	15.87	6.81	7.05	4.50	0.850	450x190-5	6.30	5	0.71	1.38
450x190-5	22	TL	233	8880	225	13320	26640	Aircraft Rib	459M23B1 461B-3836-TL		18.11	17.32	7.72	7.24	15.87	6.81	7.15	5.09	0.850	450x190-5	6.30	5	0.95	2.60
605x155-13	10	TL	233	6610	164	9580	17800	Aircraft Rib	605M09G1		24.13	23.38	6.46	6.01	22.28	5.82	10.3	8.60	0.861	605x155-13	5.43	13	0.80	1.58
615x225-10	12	TL	244	8000	123	12000	24000	Aircraft Rib	612M2GG1		24.61	23.82	9.06	8.66	21.26	7.68	10.24	7.20	0.802	615x225-10	7.87	10	0.89	1.58
670x210-12	10	TL	160	6800	95	9860	18400	Aircraft Rib	670M06-2		26.77	25.79	8.46	7.86	24.09	7.44	10.89	7.90	0.874	670x210-12	6.93	12	0.79	2.05
670x210-12	18	TL	200K	13700	205	20550	41100	Aircraft Rib	670M8FB1		26.77	25.79	8.46	7.86	24.2	7.48	11.1	8.10	0.874	670x210-12	6.93	12	0.80	2.05
750x230-15	14	TL	262	13151	152	19730	39500	Aircraft Rib	753M47G2		29.96	29.09	9.33	8.77	27.2	8.14	12.75	10.10	0.801	750x230-15	7.00	15	0.95	2.16
750x230-15	22	TL	257	15620	232	23430	46900	Aircraft Rib	753M25G3		29.96	29.09	9.33	8.77	27.2	8.14	12.75	10.19	0.801	750x230-15	7.00	15	0.95	2.16