

HARTZELL - ALL WOOD PROPELLERS --

Model	Cert. Basis	Maximum Continuous		Diameter	Std. Pitch	Hub Drilling			Hub Dimension		Wt. (lb.)	NOTES
		HP	RPM			No. Holes	Dia. Holes	Dia. Bolt Circle	Diameter	Thick-ness		
43K10107	TC 813	(Same as 7210B-42)										
43K26463	TC 814	(Same as 8611D-57)										
44K13397	TC 821	(Same as 9612E-69)										
44K18151	TC 822	(Same as 9613E-54)										
44K15005	TC 837	(Same as 3516E)										
15	TC 616	180	1800	106"	52"	8	9/16"	6-11/16"	9-1/4"	6-1/2"	33	1,2,10
50	TC 30	220	2000	102"	64"	8	1/2"	6.693"	9-1/4"	6-1/2"	33	1,2,10
316	TC 373	65	1950	81"	43"	6	13/32"	4-9/16"	7"	4"	17	2,11
313	TC 373	65	1950	81"	43"	6	13/32"	4-9/16"	7"	4"	19	2,11
322	TC 29	102	1400	104"	60"	8	3/8"	5-1/4"	7-7/8"	4"	26	1,2,11
322-A	TC 29	102	1400	104"	60"	8	3/8"	5-1/4"	7-7/8"	4"	26	1,2,11
324	TC 496	65	1950	84"	43"	6	13/32"	4-9/16"	6-1/2"	4"	19	2,10
345	TC 617	125	1400	104"	48"	8	3/8"	5-1/4"	6-3/4"	4"	23	1,2,10
363	TC 29	102	1400	104"	52"	8	3/8"	5-1/4"	7-7/8"	4"	26	1,2,11
366	TC 29	102	1400	104"	43"	6	13/32"	4-9/16"	6-1/2"	4"	19	2,10
367	TC 29	102	1400	104"	60"	8	3/8"	5-1/4"	7-7/8"	4"	26	1,2,11
368	TC 29	102	1400	102"	64"	8	3/8"	5-1/4"	7-7/8"	4"	26	1,2,11
370	TC 29	102	1400	102"	60"	8	3/8"	5-1/4"	7-7/8"	4"	26	1,2,11
372	TC 29	102	1400	104"	56"	8	3/8"	5-1/4"	7-7/8"	4"	26	1,2,11
389	TC 381	175	2000	102"	57"	8	3/8"	5-1/4"	7-7/8"	4"	26	1,2,11
400	TC 411	125	2050	93"	52"	8	1/2"	6-11/16"	8-1/4"	6"	31	2,10
400-K	TC 411	125	2050	93"	53"	8	3/8"	5-1/4"	7-1/4"	4"	21	2,11
401	TC 417	125	1925	93"	53"	8	3/8"	5-1/4"	7-1/4"	4"	21	2,11
409	TC 412	125	2050	93"	56"	8	3/8"	5-1/4"	7-1/8"	4"	21	2,11
409-W	TC 412	125	2050	93"	58"	8	3/8"	5-1/4"	7-1/2"	4"	20	2,11
413	TC 446	180	1800	104"	58"	8	3/8"	5-1/4"	7-1/2"	4"	20	2,11
419	TC 618	100	2100	78"	60"	8	9/16"	6-11/16"	9-1/4"	6-1/2"	39	2,10
419-A	TC 511	100	2100	78"	56"	8	3/8"	4-23/32"	7"	4"	18	2,11
419-B	TC 594	90	2250	78"	52"	6	13/32"	4-21/32"	7-1/4"	4-3/8"	19	2,10
420	TC 619	90	1975	84"	52"	6	13/32"	4-9/16"	7"	4-1/8"	19	2,8,11
421	TC 620	150	1450	102"	84"	6	1/2"	6.693"	9"	7-1/4"	43	2,10
430-B	TC 769	145	2050	96"	70"	8	3/8"	5-1/4"	8"	4"	20	2,10
430-D	TC 769	145	2050	96"	96"	8	3/8"	5-1/4"	8"	4"	20	2,10
433	TC 621	175	2000	101"	36-1/2"	8	1/2"	6-11/16"	9-1/4"	6-1/2"	31	2,10
436	TC 505	65	1950	83"	56"	6	13/32"	4-9/16"	7"	4"	16	2,10
447	TC 505	65	1950	83"	46"	6	13/32"	4-9/16"	7"	4"	16	2,10
462	TC 500	145	2050	83"	44"	6	13/32"	4-9/16"	7"	4"	16	2,10
463	TC 505	65	1950	80"	44"	6	3/8"	5-1/4"	7-1/8"	4"	21	2,10
464	TC 505	65	1950	78"	44"	6	13/32"	4-9/16"	7"	4"	16	2,10
485	TC 444	26	2400	64"	44"	6	3/8"	4-31/32"	6-1/2"	2-9/16"	7	2,11
500	TC 622	75	1975	80"	33"	6	3/8"	4-19/32"	7"	3-11/16"	17	2,10
503	TC 623	100	2100	78"	48"	6	3/8"	4-11/16"	7"	4-1/4"	18	2,10
520	TC 431	125	1925	93"	60"	6	3/8"	5-1/4"	7-1/8"	4"	21	2,11
524	TC 505	65	1950	81"	57"	8	13/32"	4-9/16"	7"	4"	16	2,10
533	TC 391	125	2050	93"	44"	6	3/8"	5-1/4"	7-1/8"	4"	20	2,11
548	TC 419	145	2050	93"	56"	8	3/8"	5-1/4"	7-1/8"	4"	20	2,10
556	TC 394	125	2050	91"	54"	8	3/8"	5-1/4"	7-1/8"	4"	20	2,10
559	TC 650	125	2050	91"	52"	8	3/8"	5-1/4"	7-1/8"	4"	21	2,10
559-B	TC 501	125	2050	90"	57"	8	3/8"	5-1/4"	7-1/8"	4"	21	2,11
571	TC 505	65	1950	81-1/2"	45"	6	13/32"	4-9/16"	7"	4"	16	2,10
588	TC 624	125	1950	98"	46"	6	3/8"	5-1/4"	7-1/4"	4"	26	1,2,11
610	TC 625	36	2400	72"	30"	6	3/8"	4-31/32"	5-1/2"	2-9/16"	8	1,2,11
629	TC 622	75	1975	82-1/2"	48"	6	3/8"	4-19/32"	6-1/2"	3-3/4"	18	2,10
631	TC 626	165	2000	98-3/4"	56"	8	1/2"	6-11/16"	8-3/4"	6-1/2"	30	2,10
638	TC 627	750	1050	158"	140"	12	3/4"	10-7/16"	14-3/16"	4-7/8"	166	2,4,10
640	TC 628	165	2000	102"	48"	8	1/2"	6-11/16"	9-1/4"	6-1/8"	29	2,10
642	TC 629	165	2000	98-3/4"	48"	8	1/2"	6-11/16"	9-1/4"	6-1/2"	30	2,11
660	TC 630	750	1050	154"	54"	12	3/4"	10-7/16"	14-3/16"	4-7/8"	166	2,4,10
667)	(TC 631	225	2100	98"	152"	8	1/2"	6.693"	9-1/4"	6"	29	2,3,11
667)	(TC 631	225	2100	98"	66"-58"	8	7/16"	7"	9-1/4"	6"	29	8,11
667K	TC 631	225	2100	98"	66"-58"	8	640"	6-11/16"	9-1/4"	6"	29	8,11
669	TC 632	210	2000	99"	68"	8	1/2"	6-21/32"	9-1/4"	6"	30	2,10
669-A	TC 378	210	2000	96-3/4"	68"	8	1/2"	6.693"	9-1/4"	6"	30	2,10
669-C	TC 563	225	2000	96-1/2"	68"	8	1/2"	6-11/16"	9-1/4"	6"	29	2,10
669-E	TC 488	225	2000	99-1/2"	68"	8	1/2"	6-11/16"	9-1/4"	6"	30	2,10
669-F	TC 458	225	2000	97"	69"	8	1/2"	6-11/16"	9-1/4"	6"	30	2,11
669-G	TC 461	225	2000	99"	68"	8	1/2"	6-11/16"	9-1/4"	6"	30	2,11
669-I	TC 502	225	2000	95"	77"	8	1/2"	6-11/16"	9-1/4"	6"	29	2,11
669-J	TC 502	225	2000	95-1/2"	75"	8	1/2"	6-11/16"	9-1/4"	6"	29	2,11
669-K	TC 502	225	2000	96"	73"	8	1/2"	6-11/16"	9-1/4"	6"	29	2,11
669-L	TC 502	225	2000	95"	77"	8	1/2"	6-11/16"	9-1/4"	6"	29	2,11
669-M	TC 502	225	2000	97"	77"	8	1/2"	6-11/16"	9-1/4"	6"	29	2,11
669-O	TC 502	225	2000	97"	77"	8	1/2"	6-11/16"	9-1/4"	6"	29	2,11
670	TC 633	170	2125	93"	57"	8	3/8"	5-1/4"	8-1/2"	4-1/4"	22	2,11
671	TC 634	160	1975	91"	57"	8	3/8"	5-1/4"	8-1/2"	4-1/4"	22	2,11
671-A	TC 634	150	1975	90"	61"	8	3/8"	5-1/4"	8-1/2"	4-1/4"	22	3,11
671-B	TC 634	160	1850	92"	60"	8	3/8"	5-1/4"	8-1/2"	4-1/4"	22	3,11
671-C	TC 634	160	1850	94"	60"	8	3/8"	5-1/4"	8-1/2"	4-1/4"	22	3,11
675	TC 635	125	2175	82"	56"	8	3/8"	5-1/4"	7-1/4"	4"	14	2,10
675-A	TC 635	125	2175	81"	48"	8	3/8"	5-1/4"	7-1/4"	4"	14	2,10
675-B	TC 635	125	2175	80"	60"	8	3/8"	5-1/4"	7-1/4"	4"	14	2,10
675-C	TC 635	120	2100	84"	57"	8	3/8"	5-1/4"	7-1/4"	4"	14	3,10

Model	Cert. Basis	Maximum		Diameter	Std. Pitch	No. Holes	Hub Drilling			Hub Dimension		Wt. (lb.)	NOTES
		Continuous HP	RPM				Dia. Holes	Dia. Bolt Circle	Diameter	Thick-ness			
706	TC 500	145	2050	83"	64"	8	3/8"	5-1/4"	7-1/8"	4"	21	2,10	
706-A	TC 460	125	2050	83"	64"	8	3/8"	5-1/4"	7-1/4"	4"	20	2,11	
706-B	TC 460	145	2050	83"	67"	8	3/8"	5-1/4"	7-1/4"	4"	20	2,11	
706-C	TC 500	145	2050	86"	65"	8	3/8"	5-1/4"	7-1/8"	4"	21	2,10	
706-D	TC 500	145	2050	86"	63"	8	3/8"	5-1/4"	7-1/8"	4"	21	2,10	
706-E	TC 460	145	2050	83"	67"	8	3/8"	5-1/4"	7-1/4"	4"	20	2,11	
706-EI	TC 460	145	2050	83"	67"	8	3/8"	5-1/4"	7-7/8"	4"	20	3,11	
706-I	TC 460	145	2050	82"	64"	8	3/8"	5-1/4"	7-1/4"	4"	20	3,11	
707	TC 457	225	2000	90"	80"	8	1/2"	6-11/16"	9-1/4"	6"	26	2,11	
707-A	TC 497	225	2000	90"	77"	8	1/2"	6-11/16"	9-1/4"	6"	26	2,10	
710	TC 484	95	2100	84"	55"	8	3/8"	4-11/16"	6-1/2"	3-17/32"	16	2,10	
711-A	TC 467	250	2000	99"	71"	8	3/8"	6-3/4"	9-1/4"	6"	30	2,11	
711-B	TC 467	250	2000	99"	76"	8	3/8"	6-3/4"	9-1/4"	6"	30	2,11	
711-C	TC 467	250	2000	99"	75"	8	3/8"	6-3/4"	9-1/4"	6"	30	2,11	
714	TC 503	145	2050	82"	80"	8	3/8"	5-1/4"	7-1/8"	4"	16	2,11	
714-A	TC 503	145	2050	83-1/2"	78"	8	3/8"	5-1/4"	7-1/8"	4"	16	2,11	
714-B	TC 503	145	2050	82"	76"	8	3/8"	5-1/4"	7-1/8"	4"	16	2,11	
714-D	TC 503	145	2050	83-1/2"	78"	8	3/8"	5-1/4"	7-1/8"	4"	16	2,11	
714-E	TC 503	145	2050	82"	78"	8	3/8"	5-1/4"	7-1/8"	4"	16	2,11	
717	TC 520	110	2420	83"	40"	8	3/8"	4-21/32"	6-1/2"	4-7/16"	19	2,11	
718	TC 499	125	2200	77"	66"	8	3/8"	5-1/4"	6-5/8"	3-15/16"	15	2,11	
718-A	TC 512	125	2200	77"	68"	8	3/8"	5-1/4"	6-5/8"	3-15/16"	18	2,10	
718-C	TC 499	125	2200	77"	66"	8	3/8"	5-1/4"	6-5/8"	3-15/16"	15	2,11	
718-F	TC 499	70	1950	76"	57"	6	13/32"	4-5/8"	6-1/2"	4"	13	3,11	
718-G	TC 499	70	1950	79"	55"	6	13/32"	4-5/8"	6-1/2"	4"	16	3,11	
718-H	TC 499	125	2200	77"	75"	8	3/8"	5-1/4"	6-5/8"	3-15/16"	15	3,11	
729	TC 509	150	2350	83"	60"	8	3/8"	5-1/4"	7-3/4"	4"	23	2,10	
729-A	TC 509	150	2350	84"	60"	8	3/8"	5-1/4"	7-3/4"	4"	23	2,10	
729-B	TC 509	150	2350	84"	58"	8	3/8"	5-1/4"	7-3/4"	4"	23	2,10	
729-C	TC 509	150	2350	85"	60"	8	3/8"	5-1/4"	7-3/4"	4"	23	2,10	
729-D	TC 509	150	2350	85"	58"	8	3/8"	5-1/4"	7-3/4"	4"	23	2,10	
729-E	TC 509	150	2350	80"	68"	8	3/8"	5-1/4"	7-3/4"	4"	20	2,10	
736	TC 541	125	2175	80"	56"	8	3/8"	5-1/4"	6-1/2"	3-15/16"	15	2,10	
736-A	TC 541	125	2175	80"	56"	8	3/8"	5-1/4"	6-1/2"	3-15/16"	15	2,10	
736-B	TC 541	125	2175	80"	51"	8	3/8"	5-1/4"	6-1/2"	3-15/16"	15	2,10	
740	TC 530	55	2125	79"	43"	8	3/8"	5"	6-1/2"	3-3/4"	14	2,10	
741	TC 523	98	2100	83"	50"	6	13/32"	4-23/32"	6-15/16"	3-3/4"	18	2,11	
742	TC 524	115	2250	81"	55"	6	13/32"	4-23/32"	6-15/16"	3-3/4"	18	2,10	
742-A	TC 524	120	2225	81"	54"	6	13/32"	4-5/8"	7"	4"	18	3,10	
A-752	TC 561	145	2050	90"	60"	8	3/8"	5-1/4"	8-1/8"	4"	21	3,11	
752	TC 561	145	2050	90"	60"	8	3/8"	5-1/4"	7-1/2"	4"	21	2,11	
752-E	TC 582	145	2050	93"	69"	8	3/8"	5-1/4"	7-3/4"	4"	22	2,11	
752-F	TC 582	145	2050	92"	66"	8	3/8"	5-1/4"	7-3/4"	4"	22	2,11	
752-G	TC 582	145	2050	90"	58"	8	3/8"	5-1/4"	7-1/2"	4"	21	3,11	
752-H	TC 582	145	2050	87"	51"	8	3/8"	5-1/4"	8-1/16"	4"	22	3,11	
777	TC 656	150	2260	80"	74"	8	3/8"	6"	8-1/4"	4-15/16"	17	3,10	
778	TC 655	145	2050	80"	68"	8	3/8"	5-1/4"	7"	4"	15	3,11	
778-A	TC 655	145	2050	84"	68"	8	3/8"	5-1/4"	7"	4"	15	3,11	
778-C	TC 655	145	2050	86"	66"	8	3/8"	5-1/4"	7"	4"	15	3,11	
C-778	TC 655	145	2050	86"	66"	8	3/8"	5-1/4"	7-5/8"	4"	15	3,11	
781	TC 664	40	2575	69"	33"	6	3/8"	5-1/2"	5-1/4"	3-1/8"	9	3,11	
781-A	TC 664	40	2575	69"	31"	6	3/8"	4"	5-1/2"	3-1/8"	9	3,11	
786-B	TC 703	40	2575	64"	36"	6	3/8"	5"	6-1/2"	2-1/2"	8	3,10	
796	TC 801	145	2050	86"	60"	8	3/8"	5-1/4"	7-3/4"	4"	19	3,7,10	
805-A	TC 713	165	2100	86"	74-1/2"	8	3/8"	5-1/4"	7-1/8"	4"	14	3,11	
824	TC 722	65	2350	72"	45"	6	3/8"	4-3/8"	6"	3-1/4"	10	3,11	
824-A	TC 722	65	2350	72"	45"	6	3/8"	4-3/8"	6"	3-1/4"	10	3,6,11	
824-C	TC 722	65	2350	72"	45"	6	3/8"	4-3/8"	6"	3-1/4"	10	3,11	
829	TC 530	50	1900	77"	45"	6	3/8"	4-3/8"	6-1/2"	3-3/8"	13	3,10	
829-A	TC 530	50	1900	77"	38"	6	3/8"	4-3/8"	6-1/2"	3-3/8"	13	3,10	
829-B	TC 530	50	1900	77"	41"	6	3/8"	4-3/8"	6-1/2"	3-3/8"	13	3,10	
843	TC 722	65	2350	76"	46"	6	3/8"	4-3/8"	6-3/8"	3-1/4"	11	3,11	
850	TC 722	65	2350	76"	46"	6	3/8"	4-3/8"	6-3/8"	3-1/4"	11	3,11	
889	TC 419	145	2050	93"	54"	8	3/8"	5-1/4"	8-1/4"	4-7/32"	22	3,10	
7210A	TC 813*	65	2350	72"	47"-37"	6	3/8"	4-3/8"	6-1/8"	3-1/4"	10	8	
7210B	TC 813*	65	2350	72"	47"-37"	6	3/8"	4-3/8"	6-1/8"	3-3/8"	10	8	
7210C	TC 813*	65	2350	72"	47"-37"	6	3/8"	4"	6-1/8"	3-1/4"	10	8	
7315W	TC 852*	125	2550	73"	54"-48"	8	3/8"	5-1/4"	7"	4"	17	3,8,9	
7315P	TC 852*	125	2550	73"	54"-48"	8	3/8"	5-1/4"	7"	4"	17	3,8,9	
8222L	TC 503	145	2050	82"	80"-76"	8	3/8"	5-1/4"	7-1/4"	4"	16	8,11	
8516E	TC 837*	190	2550	85"	62"-52"	6	3/8"	6-3/16"	8"	4-1/8"	24	8	
8611D	TC 814	200	2450	86"	61"-51"	8	7/16"	7"	9-1/4"	6"	26	8,11	
8612E	TC 821	165	2100	86"	73"-63"	6	3/8"	6.187"	8"	4-1/8"	26	8,11	
8613E	TC 822	200	2450	86"	58"-48"	6	3/8"	6.187"	8"	4-1/8"	26	8,11	

- NOTE 1. Laminated birch, oak, or walnut construction.
NOTE 2. Serial numbers above 16566 eligible only in birch.
NOTE 3. Laminated birch construction.
NOTE 4. Four-bladed construction.
NOTE 5. Deleted - May 22, 1943.
NOTE 6. Eligible with or without fabric tipping.
NOTE 7. Hub diameter propeller serial number 17010 is 7-1/8" to accommodate No. 1 taper hub.
NOTE 8. Effective March 15, 1945, on Serial No. 42035 and up, pitch to nearest inch is stamped after the model designation as "667-60" (pitch of 60 inches).
NOTE 9. Model 7315P propeller has a hub bore of 2-1/4" diameter to fit SAE No. 3 integral flange crankshaft; model 7315W has a 2-3/4" diameter bore.
NOTE 10. Approvals expired April 20, 1949. No propellers of these models manufactured after that date eligible for use on certificated aircraft.
NOTE 11. Approvals expired December 31, 1954. No propellers of these models manufactured after that date eligible for use on certificated aircraft.