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30	CALULATION OF CHORD PITCH ANGLE FOR VARIOUS COMMERCIAL PROPS								
31	Prop description	Diameter	pitch inches	C @ 75%	angle degrees				
32	-----2-blade 150 hp								
33	2bl Thorp for 150 hp O-320	74	62	174.27	19.58				
34	2bl? Tiff for 150 hp	62	75	146.01	27.19				
35	2bl Catto recommend for 150 hp	70	68	164.85	22.42				
36	2bl Hertzler for 150hp	65	76	153.08	26.40				
37	2bl Unk 150hp O320 for LEZ	62	75	146.01	27.19				
38	-----2-blade 160 hp				#DIV/0!				
39	2bl my LSE prop for 135? hp	64.75	77.7	152.49	27.00	not enough prop for 160 hp, <u>overspeeds</u>			
40	2bl Catto for 160 hp	70	70	164.85	23.01				
41	2bl Catto for 160 hp RV4	70	72	164.85	23.59				
42	2bl Hertzler for 160 hp	65	80	153.08	27.59				
43	2bl Catto recommend for 160 hp	70	70	164.85	23.01				
44	2bl Catto recommend for 160hpRV4	70	72	164.85	23.59				
45	2 bl my busted prop for RV4 160hp	68	78	160.14	25.97				
46	-----3 blade for 150 hp				#DIV/0!				
47	3bl Catto for 150 hp RV4 174tas/8K	66	72	155.43	24.86				
48	-----3 blade for higher hp				#DIV/0!				
49	3bl Catto for 175 hp RV6 (emph. Climb)	66	72	155.43	24.86				
50	-----2 blade 180 hp				#DIV/0!				
51	2bl Sens. For 180hp Cozy	70	87	164.85	27.82	Nat in Cozy NL: low static but good cruise RPM			
52	2bl Sens. For 180hp Cozy	70	85	164.85	27.28	Nat in Cozy NL: ditto, as good as his Perf Prop			
53	2bl Unk for 200 hp CZ	68	77	160.14	25.68				
54	2bl Unk for 200 hp CZ	68	78	160.14	25.97				
55	2bl Unk for 180 hp CZ	67	73	157.79	24.83				
56	2bl Unk for 200 hp CZ	68	77	160.14	25.68				
57	2bl Hertzler for 180 hp	66	78	155.43	26.65				
58	2bl LSE for 190 hp LEZ (Blackler)	68	92	160.14	29.88				
59	-----3-blade for 180 hp				#DIV/0!				
60	3bl my Perf prop (C-IV) preMod – 26.7	64	76	150.72	26.76	pitch OK, tips too thick, low cruise RPM			
61	3bl my Perf prop (c-IV) postMod	61.25	76	144.24	27.78	thinned tips, good cruise RPM			
62	3bl Perf Prop for 180hp Cozy	64	76	150.72	26.76	Nat suggests in Cozy NL			
63	3bl Perf Prop for 180hp Cozy	64	72	150.72	25.53	Nat in Cozy NL: best prop yet			
64	3bl for Cozy 180hp	68	72.41	160.14	24.33	from Johnson data from Bates program 75% angle 29.56?			
65	----- 2 and 3 blade for 135 hp				#DIV/0!				
66	2bl Varieze for O-290	56	70	131.88	27.96				
67	2bl Unk for 135 hp LEZ	60	76	141.30	28.27				
68	2bl Sterba for 135 hp LEZ	60	74	141.30	27.64				
69	2 bl B&T for 135 hp LEZ	58	67	136.59	26.13				
70	2bl Ted for 135hp LEZ	58	72	136.59	27.79				
71	3bl Catto for 135 hp LEZ	58	66	136.59	25.79	Note 158 KTAS			