Revision 2015-12-30

ACES points table

Minutes			0	1	2	3	4	5	6
Seconds		0	0	20	40	60	80	100	120
1	2	3	1	21	41	61	81	101	121
4	5	6	2	22	42	62	82	102	122
7	8	9	3	23	43	63	83	103	123
10	11	12	4	24	44	64	84	104	124
13	14	15	5	25	45	65	85	105	125
16	17	18	6	26	46	66	86	106	126
19	20	21	7	27	47	67	87	107	127
22	23	24	8	28	48	68	88	108	128
25	26	27	9	29	49	69	89	109	129
28	29	30	10	30	50	70	90	110	130
31	32	33	11	31	51	71	91	111	131
34	35	36	12	32	52	72	92	112	132
37	38	39	13	33	53	73	93	113	133
40	41	42	14	34	54	74	94	114	134
43	44	45	15	35	55	75	95	115	135
46	47	48	16	36	56	76	96	116	136
49	50	51	17	37	57	77	97	117	137
52	53	54	18	38	58	78	98	118	138
55	56	57	19	39	59	79	99	119	138
58	59	60	20	40	60	80	100	120	138

	yes
Cut	**+100**
Streamer ok	**+ 50**

	yes	
Safetyline	**-200**	
Non engagemanet	**-50**	overpowered rpm >100 über Limit

	WWII
max rpm .15 (2,5ccm) engines	17.000 rpm propsum 12
max rpm .21 &.25 (3,5-4ccm)engines	15.500 rpm propsum 13
WWII -.30 (5ccm) Fourstroke	13.000 rpm propsum 15

WWII engine class	max Wh	max. prop Durch-messer	PSS	min Gewicht	max Gewicht
- .10	30 Wh	9 inch	72.000	500g	1500g
- .15	40 Wh	9 inch	72.000	700g	1500g
- .21	50 Wh	10 inch	72.000	900g	1500g
- .25	67 Wh	11 inch	72.000	1100g	1500g
- .25	Single ducted fan			700g	1500g
Twin two .10 E-engines	2x 30 Wh	9 inch	72.000	1000g	1700g
Twin two .15 E-engines	2x 40 Wh	9 inch	72.000	1200g	1700g
all other Multi-engine models	Power and weight, regard table on top		3x.10 Setup is possible 1x.10+1x.15 Setup is possible		

Prop pitch in Zoll	max E-rpm bei PSS von 72.000
4	18.000
4,5	16.000
5	14.400
5,5	13.091
6	12.000
6,5	11.077
7	10.286
7,5	9.600

WWI engine table	Max. rpm	Max. prop diameter, bei Minimal gewicht <1100g	Max. prop diameter, bei Minimal gewicht >=1100g	Max. pitch in inch	PSS*)
.30 IC-engine, FS	12.000	9	10	4	
E-engine, example	12.500	9	10	4	50.000
E-engine, example	10.000	9	10	5	50.000
E-engine, example	8.333	9	10	6	50.000

§ 3.4.2 **Engine over rpm limit, Drehzahlüberschreitung**

The pilot must ensure his aircraft, when ready to fly, does not exceed the maximum rpm measurement allowed for his model engine.
If the model exceeds the maximum permitted rpm limit by 100rpm or more, he will be awarded a single -50 points written into his non engagement box on his score sheet. Adjustments must be made to the engine to reduce the rpm to below the maximum permitted level before starting. Once the rpm level has been checked the pilot is not allowed to alter the engine settings without a judge's consent.