

## **KAWG report.**



### **Dear CIVA Delegates**

We have received for the next year:

- 16 proposals for Unlimited (A to P)
- 18 proposals for Advanced (A to R)
- 11 proposals for Yak52/Intermediate (A to K)

For Unlimited the 2020 set was submitted again but the CIVA Bureau decision is not to include it .to the list for voting.

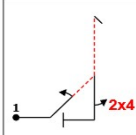
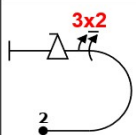
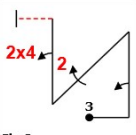
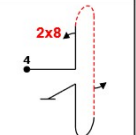
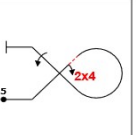
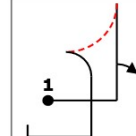
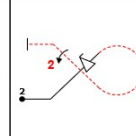
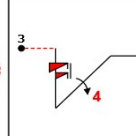
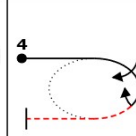
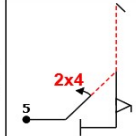
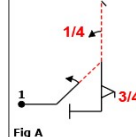
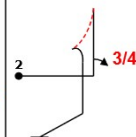
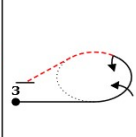
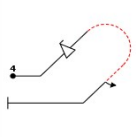
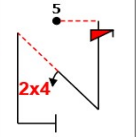
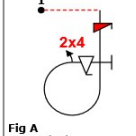
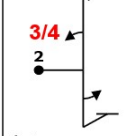
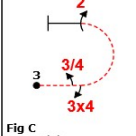
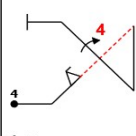
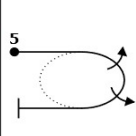
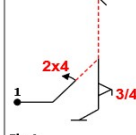
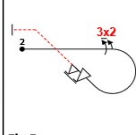
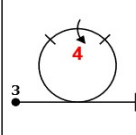
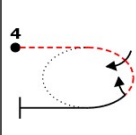
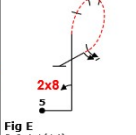
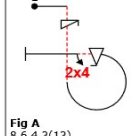
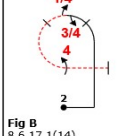
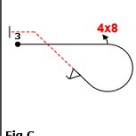
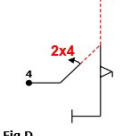
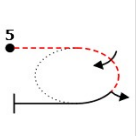
Opinions of KAWG experts were very diverse.

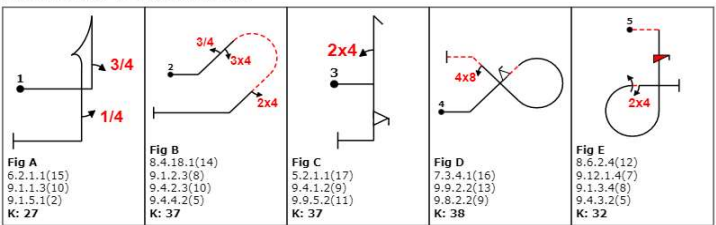
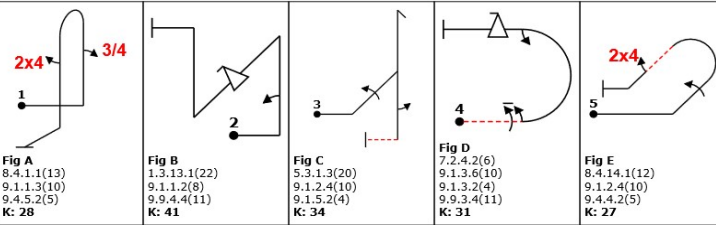
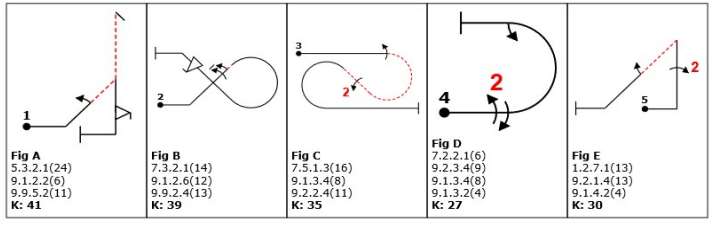
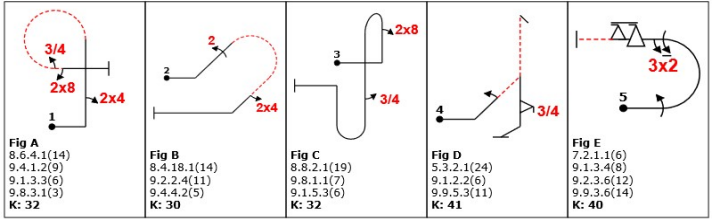
You can find the full analysis in the attached Excel and .pdf files. The mark 'X' means that a set was either not considered or not ranked or not accepted by an expert.

The following short lists have been created including sets which at least one of KAWG experts ranked 1 through 3 and taking into consideration the Bureau decision.

We hope this report can help you to make the right decision for pilots to enjoy the challenge.

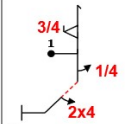
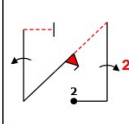
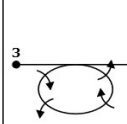
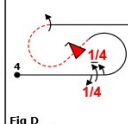
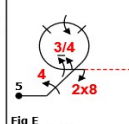
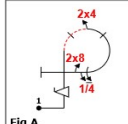
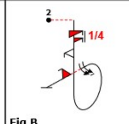
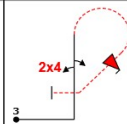
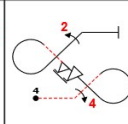
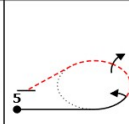
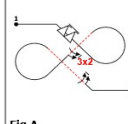
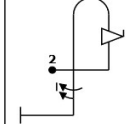
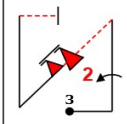
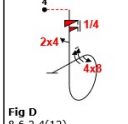
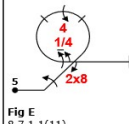
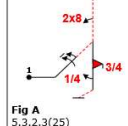
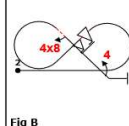
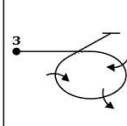
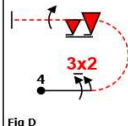
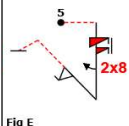
Elena Klimovich, KAWG secretary

Free Known figures 2021 proposals					Expert Name					Objections	
					Cassidy (AC)	Bessiere (CB)	Mamistov (MM)	Holland (RH)	Hopkins (NH)		
<b>Advanced</b>					Order of preference						
<b>A</b>	Advanced A Total K 175					<b>4</b>	<b>1</b>	<b>16</b>	<b>1</b>	<b>2</b>	
											
	Fig A 5.3.2.1(24) 9.1.2.2(6) 9.4.5.2(5) K: 35	Fig B 7.2.2.1(6) 9.2.3.6(12) 9.9.3.4(11) K: 29	Fig C 1.3.14.1(22) 9.1.1.2(8) 9.2.4.4(9) 9.4.1.2(9) K: 48	Fig D 8.8.6.1(21) 9.8.1.1(7) 9.1.5.2(4) K: 32	Fig E 7.3.2.1(14) 9.4.2.2(7) 9.1.2.4(10) K: 31						
<b>D</b>	Advanced D Total K 161					<b>X</b>	<b>X</b>	<b>3</b>	<b>X</b>	<b>X</b>	AC Slide is not appropriate
											
	Fig A 6.2.2.1(15) 9.1.1.2(8) K: 23	Fig B 7.3.1.1(16) 9.9.2.4(13) 9.2.2.4(11) K: 40	Fig C 1.2.5.4(14) 9.12.1.6(5) 9.4.2.4(13) K: 32	Fig D 2.2.3.1(24) K: 24	Fig E 5.3.2.1(24) 9.4.2.2(7) 9.9.5.2(11) K: 42						
<b>E</b>	Advanced E Total K 171					<b>X</b>	<b>X</b>	<b>2</b>	<b>X</b>	<b>X</b>	AC Fig.B - Slide with rolls up not allowed
											
	Fig A 5.3.2.1(24) 9.1.2.2(6) 9.1.1.1(6) 9.9.5.3(11) K: 47	Fig B 6.2.2.1(15) 9.1.1.3(10) K: 25	Fig C 2.3.2.1(34) K: 34	Fig D 8.4.18.1(14) 9.9.2.4(13) 9.1.4.2(4) K: 31	Fig E 1.3.11.4(20) 9.12.1.4(7) 9.4.2.2(7) K: 34						
<b>F</b>	Advanced F Total K 165					<b>X</b>	<b>8</b>	<b>5</b>	<b>X</b>	<b>1</b>	AC Fig.A –G-loc risk high
											
	Fig A 8.6.2.4(12) 9.12.1.4(7) 9.4.3.2(5) 9.9.3.4(11) K: 35	Fig B 5.2.1.1(17) 9.1.1.3(10) 9.1.5.2(4) K: 31	Fig C 7.2.1.2(8) 9.1.3.3(6) 9.4.3.3(8) 9.2.3.4(9) K: 31	Fig D 1.3.2.1(18) 9.9.2.2(13) 9.4.2.4(13) K: 44	Fig E 2.2.5.3(24) K: 24						
<b>G</b>	Advanced G Total K 165					<b>2</b>	<b>X</b>	<b>4</b>	<b>X</b>	<b>X</b>	CB Fig B Physically and technically not for Advanced
											
	Fig A 5.3.2.1(24) 9.4.2.2(7) 9.9.5.3(11) K: 42	Fig B 8.5.8.3(11) 9.2.3.6(12) 9.9.2.6(16) K: 39	Fig C 7.4.1.1(10) 9.4.3.4(11) K: 21	Fig D 2.2.3.2(24) K: 24	Fig E 8.6.4.1(14) 9.8.1.1(7) 9.1.3.4(8) 9.1.3.6(10) K: 39						
<b>H</b>	Advanced H Total K 166					<b>1</b>	<b>3</b>	<b>8</b>	<b>X</b>	<b>X</b>	RH Fig. B. Not a good figure for advanced
											
	Fig A 8.6.4.3(13) 9.1.1.1.4(5) 9.9.3.4(11) 9.4.3.2(5) K: 34	Fig B 8.6.17.1(14) 9.1.3.3(6) 9.1.3.1(2) 9.4.3.4(11) K: 33	Fig C 8.5.8.3(11) 9.8.3.2(7) 9.9.2.2(13) K: 31	Fig D 5.3.2.1(24) 9.4.2.2(7) 9.9.5.2(11) K: 42	Fig E 2.2.4.2(26) K: 26						

Free Known figures 2021 proposals		Expert Name					Objections	
		Cassidy (AC)	Bessiere (CB)	Mamistov (MMM)	Holland (RH)	Hopkins (NH)		
<b>Advanced</b>		<b>Order of preference</b>						
<b>I</b>	<b>Advanced I Total K 171</b> 	X	X	1	X	5	<b>AC</b> Fig.A Slide with rolls up not allowed <b>CB</b> Fig A is not advanced level. <b>RH</b> Fig.A. Not a good	
	<b>K</b>	<b>Advanced K total K 161</b> 	3	X	10	2	X	<b>CB</b> Fig.C is too physical (neg G)
		<b>M</b>	<b>Advanced M Total K 172</b> 	X	7	14	3	4
<b>N</b>			<b>Advanced N Total K 175</b> 	X	2	7	4	3

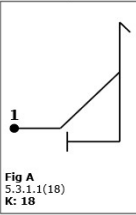
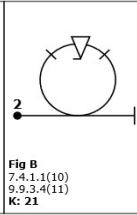
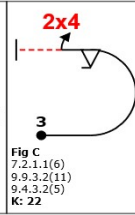
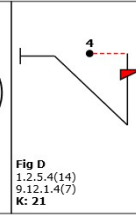
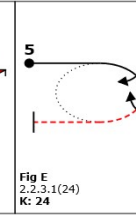
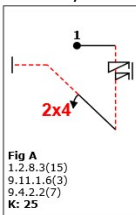
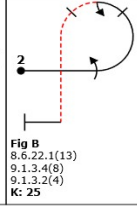
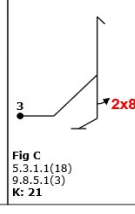
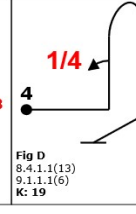
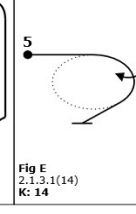
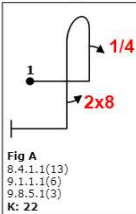
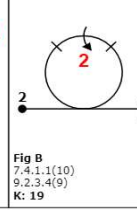
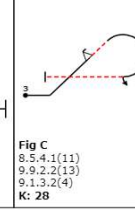
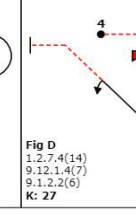
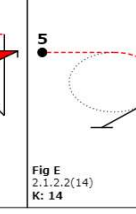
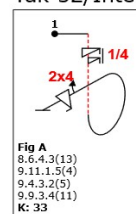
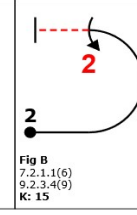
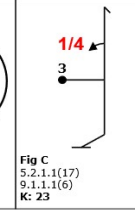
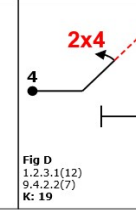
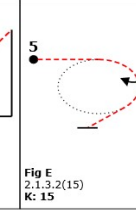
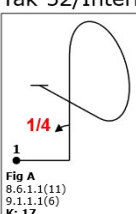
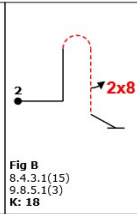
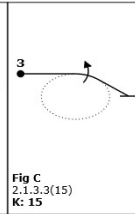
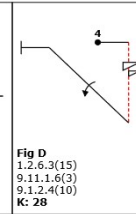
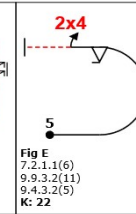
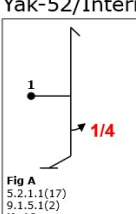
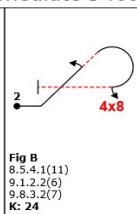
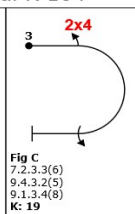
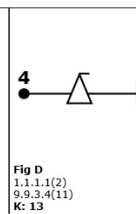
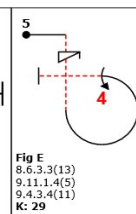
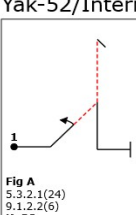
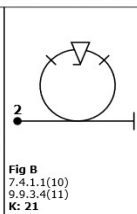
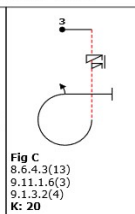
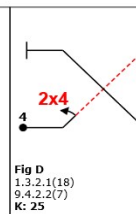
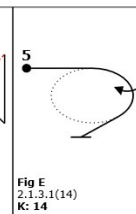
The mark 'X' means that a set was either not considered or not ranked or not accepted by an expert.

Free Known figures 2021 proposals		Expert Name					Objections
		Cassidy (AC)	Bessiere (CB)	Mamistov (MM)	Holland (RH)	Hopkins (NH)	
<b>Unlimited</b>		Order of preference					
<b>B</b>	<b>Unlimited B Total K 225</b> 	<b>X</b>	<b>2</b>	<b>1</b>	<b>X</b>	<b>X</b>	<b>AC</b> Fig.B&C Double flicks at low speed very variable judging. Fig.E Flick initiated knife edge hard to see inputs.  <b>RH</b> Fig. B&C takes up too much room
	<b>Fig A</b> 5.2.1.1(17) 9.9.1.5(17) 9.1.5.5(9) K: 43  <b>Fig B</b> 8.7.5.1(11) 9.1.3.4(8) 9.9.3.8(17) 9.1.4.4(8) K: 44  <b>Fig C</b> 7.2.1.1(6) 9.8.3.2(7) 9.1.3.6(10) 9.10.8.8(23) K: 46  <b>Fig D</b> 6.2.1.1(15) 9.10.6.4(19) 9.1.5.6(10) K: 44  <b>Fig E</b> 7.3.2.1(14) 9.1.2.3(8) 9.9.2.3(13) 9.4.2.4(13) K: 48						
<b>C</b>	<b>Unlimited C Total K 225</b> 	<b>5</b>	<b>1</b>	<b>2</b>	<b>1</b> <b>(2)</b> <b>*</b>	<b>4</b>	<b>AC</b> Fig.A Too many elements for consistent judging.
	<b>Fig A</b> 8.6.1.1(11) 9.10.6.3(19) 9.2.3.4(9) 9.1.3.3(6) 9.4.3.3(8) K: 53  <b>Fig B</b> 1.3.1.1(20) 9.1.1.4(12) 9.10.4.5(15) 9.1.4.3(6) K: 53  <b>Fig C</b> 6.2.1.4(17) 9.1.1.3(10) 9.9.5.3(11) K: 38  <b>Fig D</b> 2.2.2.4(29) K: 29  <b>Fig E</b> 5.3.2.1(24) 9.8.2.2(9) 9.1.1.1(6) 9.9.5.5(13) K: 52						
<b>F</b>	<b>Unlimited F Total K 229</b> 	<b>2</b>	<b>4</b>	<b>13</b>	<b>X</b>	<b>2</b>	<b>MM</b> Whole set - not interesting set, too many routine elements  <b>RH</b> Whole set ok but difficult to build sequence
	<b>Fig A</b> 5.3.2.1(24) 9.1.2.3(8) 9.1.2.5(11) 9.2.5.6(12) K: 55  <b>Fig B</b> 8.8.2.1(19) 9.10.6.3(19) 9.4.5.2(5) 9.9.1.3(15) K: 58  <b>Fig C</b> 8.4.1.1(13) 8.4.1.2(9) 9.10.10.4(15) K: 37  <b>Fig D</b> 8.4.1.4(13) 9.12.1.7(5) 9.1.5.2(4) 9.1.1.3(10) K: 32  <b>Fig E</b> 2.4.4.4(47) K: 47						
<b>G</b>	<b>Unlimited G Total K 242</b> 	<b>X</b>	<b>8</b>	<b>3</b>	<b>X</b>	<b>X</b>	<b>AC</b> Fig.A Flicks up on slides always cheated/controversial Fig.B Flick from knife on 45, judging initiation!!  <b>CB</b> Whole set many points and fig.D too difficult  <b>RH</b> Whole set. Not considered because of too difficult fig.B
	<b>Fig A</b> 6.2.1.1(15) 9.9.1.3(15) 9.1.5.3(6) K: 36  <b>Fig B</b> 7.8.8.1(19) 9.1.2.6(12) 9.1.2.1(4) 9.9.2.7(18) K: 53  <b>Fig C</b> 5.2.1.1(17) 9.8.1.1(7) 9.9.1.2(15) 9.10.5.3(13) K: 52  <b>Fig D</b> 7.5.2.4(15) 9.1.3.7(11) 9.1.3.3(6) 9.10.7.6(21) 9.4.3.4(11) K: 64  <b>Fig E</b> 2.3.6.4(37) K: 37						
<b>H</b>	<b>Unlimited H Total K 232</b> 	<b>1</b>	<b>6</b>	<b>8</b>	<b>3</b> <b>(4)</b> <b>*</b>	<b>X</b>	<b>CB</b> Fig.A useless neg G  <b>MM</b> Whole set - not interesting set, too many routine elements
	<b>Fig A</b> 6.2.1.2(18) 9.1.1.2(8) 9.10.5.4(13) K: 39  <b>Fig B</b> 7.5.3.3(16) 9.1.3.6(10) 9.9.2.3(13) 9.1.2.3(8) 9.1.3.8(12) K: 59  <b>Fig C</b> 5.3.1.1(18) 9.4.2.2(7) 9.1.2.2(6) 9.1.1.1(6) 9.9.5.3(11) K: 48  <b>Fig D</b> 8.8.8.3(19) 9.4.2.2(7) 9.11.1.6(3) 9.2.5.4(9) 9.1.1.4(12) 9.1.5.3(6) K: 49  <b>Fig E</b> 2.3.5.4(37) K: 37						
<b>J</b>	<b>Unlimited J Total K 231</b> 	<b>X</b>	<b>9</b>	<b>9</b>	<b>X</b>	<b>1</b>	<b>AC</b> Fig.D Cannot judge both start and finish flick criteria. <b>CB</b> Difficult to judge C and random tail slide  <b>MM</b> Fig.C - positive high G after long negative G - can be LOC (loss of consciousness) <b>RH</b> Fig.C. takes a lot of room
	<b>Fig A</b> 8.8.5.1(21) 9.8.1.1(7) 9.1.1.2(8) 9.10.5.3(13) 9.1.1.4(12) K: 61  <b>Fig B</b> 8.4.2.4(14) 9.12.1.5(6) 9.9.5.2(11) 9.1.1.5(14) K: 45  <b>Fig C</b> 7.4.10.1(13) 9.4.3.2(5) 9.1.3.8(12) 9.1.3.6(10) K: 40  <b>Fig D</b> 6.2.2.4(17) 9.9.6.3(17) 9.1.5.3(6) K: 40  <b>Fig E</b> 5.2.1.1(17) 9.1.1.1(6) 9.4.1.2(9) 9.9.5.5(13) K: 45						

Free Known figures 2021 proposals		Expert Name					Objections				
		Cassidy (AC)	Bessiere (CB)	Mamistov (MM)	Holland (RH)	Hopkins (NH)					
Unlimited		Order of preference									
L	Unlimited L Total K 241										
							<b>MM</b> Fig.E - This fig. gives the preference to more powerful aircraft <b>RH</b> Whole set. Not considered because of E				
	Fig A 5.3.4.1(20) 9.9.1.3(15) 9.1.5.1(2) 9.4.4.2(5) K: 42	Fig B 1.3.11.1(20) 9.2.1.4(13) 9.10.4.2(13) 9.1.1.4(12) K: 58	Fig C 2.4.8.3(46) K: 46	Fig D 7.5.1.1(16) 9.1.3.1(2) 9.1.3.5(9) 9.10.4.4(13) 9.1.3.4(8) K: 48	Fig E 8.7.3.1(12) 9.4.2.4(13) 9.1.3.4(8) 9.1.3.7(11) 9.8.3.1(3) K: 47	3		4	14	X	X
	Unlimited M Total K 245										
								<b>AC</b> Fig.B G-loc issue. Fig.C High speed for flick entry. <b>MM</b> Whole set- too many figures family 8 and 7 (4 figures) <b>RH</b> Fig,C too much speed for the outside flick			
Fig A 8.6.19.1(12) 9.9.1.4(15) 9.4.3.2(5) 9.1.3.5(9) 9.8.3.1(3) K: 44	Fig B 8.6.2.4(12) 9.12.1.5(6) 9.9.5.2(11) 9.1.3.8(12) 9.10.3.2(13) K: 54	Fig C 8.5.19.1(16) 9.4.1.2(9) 9.1.1.2(8) 9.10.4.4(13) K: 46	Fig D 7.8.11.2(23) 9.4.2.4(13) 9.9.2.6(16) 9.2.2.4(11) K: 63	Fig E 2.3.5.1(38) K: 38	X	3			15	X	X
Unlimited N Total K 235											
						<b>AC</b> Fig.D G-loc issue after inverted start. <b>MM</b> Whole set- too many figures family 8 and 7 (4 figures) <b>RH</b> Fig.E Difficult to fit in the Box					
Fig A 7.8.15.3(23) 9.9.4.8(17) 9.2.4.6(12) 9.1.4.6(10) K: 62	Fig B 8.4.1.1(13) 9.9.1.4(15) 9.1.5.6(10) K: 38	Fig C 1.3.11.1(20) 9.2.1.4(13) 9.10.4.6(16) K: 49	Fig D 8.6.2.4(12) 9.12.1.5(6) 9.4.5.2(5) 9.8.3.2(7) 9.1.3.8(12) K: 42	Fig E 8.7.1.1(11) 9.1.2.4(10) 9.4.3.4(11) 9.1.3.5(9) 9.8.3.1(3) K: 44	X		4		11	X	3
Unlimited P Total K 226											
							<b>AC</b> Fig.E 45 line on B-axis, query G-loc. <b>CB</b> Fig.A useless negative recovery Fig. B technic.difficult Fig.E very difficult in a box <b>MM</b> Fig.A - too high negative G for nothing				
Fig A 5.3.2.3(25) 9.1.2.6(12) 9.8.1.1(7) 9.10.5.3(13) 9.1.5.1(2) K: 59	Fig B 7.8.4.1(19) 9.4.3.4(11) 9.9.9.6(16) 9.8.4.2(7) K: 53	Fig C 2.3.5.1(35) K: 35	Fig D 7.2.4.1(8) 9.2.3.6(12) 9.10.3.6(16) 9.1.3.4(8) K: 44	Fig E 1.2.7.4(14) 9.12.1.6(5) 9.8.5.1(3) 9.9.2.2(13) K: 35	X			10	10	2 (3) *	X

\*(ranking including set A)

The mark 'X' means that a set was either not considered or not ranked or not accepted by an expert.

Free Known figures 2021 proposals					Cassidy (AC)	Bessiere (CB)	Mamistov (MM)	Holland (RH)	Hopkins (NH)	Objections							
<b>Yak-52/Intermediate</b>					<b>Order of preference</b>												
<b>A</b>	Yak-52/Intermediate A Total K 106					X	3	2	X	X	<b>AC</b> Fig.C - 1/2 flick too tech at that speed Fig.D - long pull after neg spin - g-loc risk Fig.E - prefer 4-roll circle at Int.						
																	
	Fig A 5.3.1.1(18) K: 18	Fig B 7.4.1.1(10) 9.9.3.4(11) K: 21	Fig C 7.2.1.1(6) 9.9.3.2(11) 9.4.3.2(5) K: 22	Fig D 1.2.5.4(14) 9.12.1.4(7) K: 21	Fig E 2.2.3.1(24) K: 24												
	Yak-52/Intermediate C Total K 104											3	1	not for Yak-52	X	4	<b>MM</b> Fig. B - not for Yak-52
																	
Fig A 1.2.8.3(15) 9.11.1.6(9) 9.4.2.2(7) K: 25	Fig B 8.6.2.2.1(13) 9.1.3.4(8) 9.1.3.2(4) K: 25	Fig C 5.3.1.1(18) 9.8.5.1(3) K: 21	Fig D 8.4.1.1(13) 9.1.1.1(6) K: 19	Fig E 2.1.3.1(14) K: 14													
Yak-52/Intermediate D Total K 110					X	2	5	X	1	<b>AC</b> Fig.D - long pull after neg spin - g-loc risk Fig.E - prefer 4-roll circle at Int.							
																	
Fig A 8.4.1.1(13) 9.1.1.1(6) 9.8.5.1(3) K: 22	Fig B 7.4.1.1(10) 9.2.3.4(9) K: 19	Fig C 8.5.4.1(11) 9.9.2.2(13) 9.1.3.2(4) K: 28	Fig D 1.2.7.4(14) 9.12.1.4(7) 9.1.2.2(6) K: 27	Fig E 2.1.2.2(14) K: 14													
Yak-52/Intermediate E Total K 105											X	2	1	X	X	<b>AC</b> Fig.A - too complex	
																	
Fig A 8.6.4.3(13) 9.11.1.5(4) 9.4.3.2(5) 9.9.3.4(11) K: 33	Fig B 7.2.1.1(6) 9.2.3.4(9) K: 15	Fig C 5.2.1.1(17) 9.1.1.1(6) K: 23	Fig D 1.2.3.1(12) 9.4.2.2(7) K: 19	Fig E 2.1.3.2(15) K: 15													
Yak-52/Intermediate H Total K 100					4	1	3	X	2	<b>AC</b> Fig.A - high entry speed							
																	
Fig A 8.6.1.1(11) 9.1.1.1(6) K: 17	Fig B 8.4.3.1(15) 9.8.5.1(3) K: 18	Fig C 2.1.3.3(15) K: 15	Fig D 1.2.8.3(15) 9.11.1.6(3) 9.1.2.4(10) K: 28	Fig E 7.2.1.1(6) 9.9.3.2(11) 9.4.3.2(5) K: 22													
Yak-52/Intermediate I Total K 104											2	1	7	X	3		
																	
Fig A 5.2.1.1(17) 9.1.5.1(2) K: 19	Fig B 8.5.4.1(11) 9.1.2.2(6) 9.8.3.2(7) K: 24	Fig C 7.2.3.3(6) 9.4.3.2(5) 9.1.3.4(8) K: 19	Fig D 1.1.1.1(2) 9.9.3.4(11) K: 13	Fig E 8.6.3.3(13) 9.11.1.4(5) 9.4.3.4(11) K: 29													
Yak-52/Intermediate K Total K 110					1	2	not for Yak-52	X	X	<b>MM</b> Fig.A- not for Yak-52							
																	
Fig A 5.3.2.1(24) 9.1.2.2(6) K: 30	Fig B 7.4.1.1(10) 9.9.3.4(11) K: 21	Fig C 8.6.4.3(13) 9.11.1.6(3) 9.1.3.2(4) K: 20	Fig D 1.3.2.1(18) 9.4.2.2(7) K: 25	Fig E 2.1.3.1(14) K: 14													

The mark 'X' means that a set was either not considered or not ranked or not accepted by an expert.