



International Aerobatic Commission

Please reply to:
18 Woodhurst Road
Maidenhead
Berkshire SL6 8TF
England

19 October 2018

Tel: +44-(0)7808-059881
Fax: +44-(0)1628-777083
Email: ACCassidy@aol.com

To:

President and Delegates,
CIVA Meeting 2018

Known Analysis Working Group Report for 2019 Season

Following a request for proposals, sent to all Delegates earlier in the year, a total of 19 Free Known Programme compulsory figures proposals has been received. These break down as:

Yak52/Intermediate - 6 proposals.
Advanced - 7 proposals.
Unlimited - 6 proposals.

Copies of all the proposals are attached.

The consensus view of the Known Analysis Working Group ranks the following options as first, second and third choices in each category. CIVA Delegates are requested to bear these recommendations in mind when voting to choose the figure groups that will be mandatory in 2019.

Intermediate:

1. Free Known A - 2. Free Known C - 3. Free Known D.

Advanced:

1. Free Known C - 2. Free Known A - 3. Free Known G.

Unlimited:

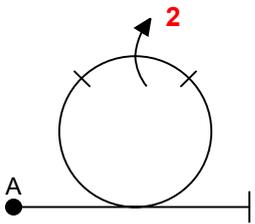
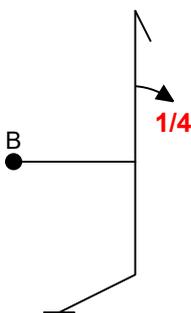
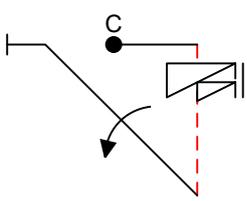
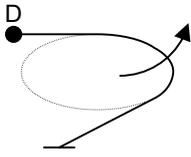
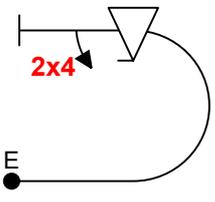
1. Free Known A; 2. Free Known B - No agreement that any other figures proposal was suitable.

Delegates will hopefully have the opportunity to ask questions before voting.

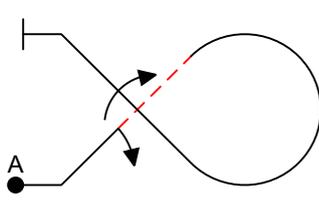
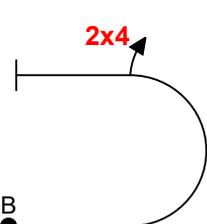
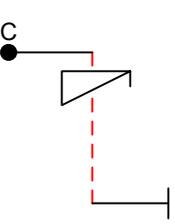
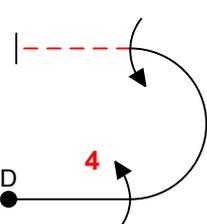
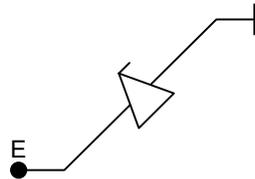
Yours sincerely

Alan Cassidy
Chairman, CIVA Known Analysis Working Group

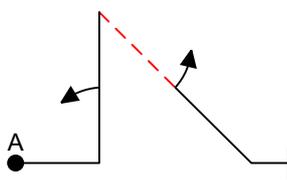
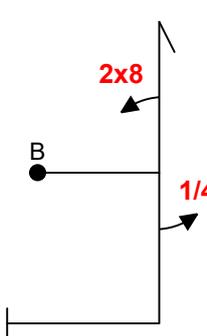
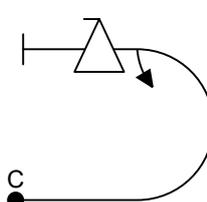
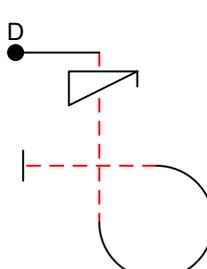
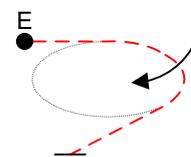
Yak52/Intermediate Free Known A

Max Fig K No Limit	<p>1A</p>  <p>7.4.1.1 10 9.2.3.4 9</p>	<p>6F</p>	<input type="checkbox"/>	
Min Fig K 0				<p>19</p>
Total Fig K 107				
Positioning 30 Harmony	<p>2B</p>  <p>5.2.1.1 17 9.1.1.1 6</p>	<p>7G</p>	<input type="checkbox"/>	
				<p>23</p>
	<p>3C</p>  <p>1.2.6.3 15 9.11.1.6 3 9.1.2.4 10</p>	<p>8H</p>	<input type="checkbox"/>	
				<p>28</p>
	<p>4D</p>  <p>9.4.3.2 15</p>	<p>9I</p>	<input type="checkbox"/>	
				<p>15</p>
	<p>5E</p>  <p>7.2.2.1 6 9.9.3.4 11 9.4.3.2 5</p>	<p>10J</p>	<input type="checkbox"/>	
				<p>22</p>

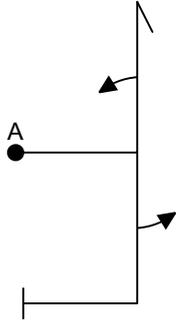
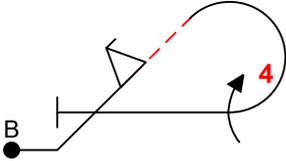
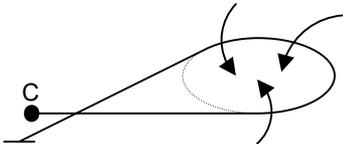
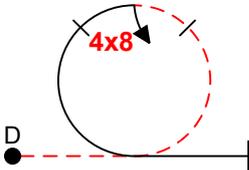
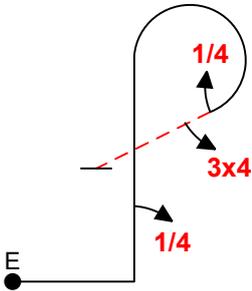
Yak52/Intermediate Free Known C

Max Fig K No Limit	<p>1A</p>  <p>7.3.2.1 14 9.1.2.2 6 9.1.2.4 10</p>	6F	<input type="text"/>
Min Fig K 0			
Total Fig K 101			
Positioning 30	<p>2B</p>  <p>7.2.2.1 6 9.4.3.2 5</p>	7G	<input type="text"/>
Harmony			
	<p>3C</p>  <p>1.1.6.3 10 9.11.1.4 5</p>	8H	<input type="text"/>
	<p>4D</p>  <p>7.2.1.1 6 9.4.3.4 11 9.1.3.4 8</p>	9I	<input type="text"/>
	<p>5E</p>  <p>1.1.2.1 7 9.9.2.4 13</p>	10J	<input type="text"/>

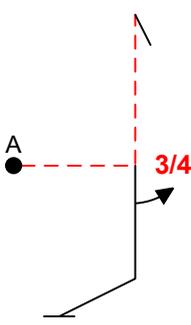
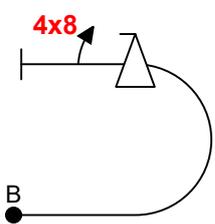
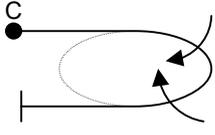
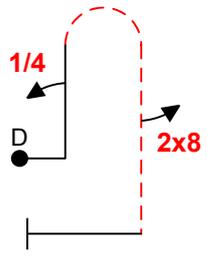
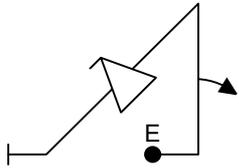
Yak52/Intermediate Free Known D

Max Fig K No Limit	<p>1A</p>  <p>1.2.7.1 13 9.1.1.2 8 9.1.4.2 4</p>	6F	<input type="text" value="25"/>	<input type="text"/>
Min Fig K 0				
Total Fig K 105				
Positioning 30	<p>2B</p>  <p>5.2.1.1 17 9.8.1.1 7 9.1.5.1 2</p>	7G	<input type="text" value="26"/>	<input type="text"/>
Harmony				
	<p>3C</p>  <p>7.2.2.1 6 9.1.3.2 4 9.9.3.4 11</p>	8H	<input type="text" value="21"/>	<input type="text"/>
	<p>4D</p>  <p>8.6.3.3 13 9.11.1.4 5</p>	9I	<input type="text" value="18"/>	<input type="text"/>
	<p>5E</p>  <p>2.1.3.2 15</p>	10J	<input type="text" value="15"/>	<input type="text"/>

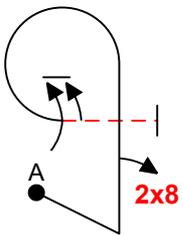
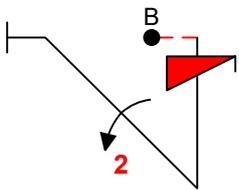
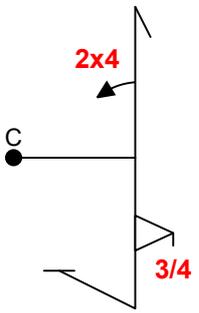
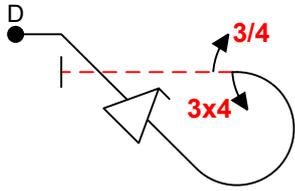
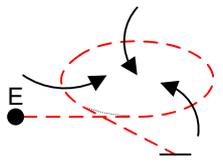
Yak52/Intermediate Free Known E

Max Fig K No Limit	<p>1A</p>  <p>5.2.1.1 17 9.1.1.2 8 9.1.5.2 4</p> <p style="text-align: right;">29</p>	6F	<input type="text"/>
Min Fig K 0			
Total Fig K 140			
Positioning	<p>2B</p>  <p>8.5.2.1 10 9.9.2.2 13 9.4.3.4 11</p> <p style="text-align: right;">34</p>	7G	<input type="text"/>
30			
Harmony			
	<p>3C</p>  <p>2.3.4.1 30</p> <p style="text-align: right;">30</p>	8H	<input type="text"/>
	<p>4D</p>  <p>7.4.2.2 12 9.8.3.2 7</p> <p style="text-align: right;">19</p>	9I	<input type="text"/>
	<p>5E</p>  <p>8.6.2.1 12 9.1.1.1 6 9.1.3.1 2 9.4.3.3 8</p> <p style="text-align: right;">28</p>	10J	<input type="text"/>

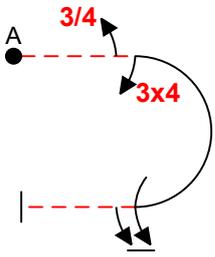
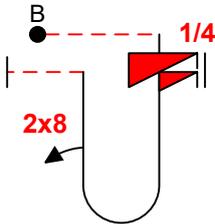
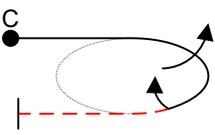
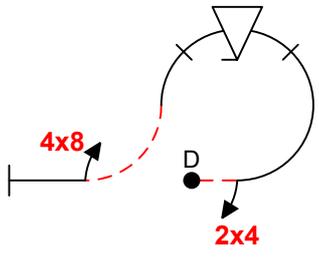
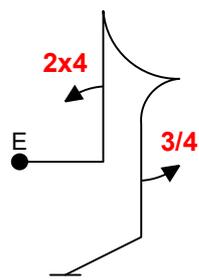
Yak52/Intermediate Free Known F

Max Fig K No Limit	<p>1A</p>  <p>5.2.1.4 22 9.1.5.3 6</p> <p style="text-align: right;">28</p>	<p>6F</p> <p style="text-align: right;">□</p>
Min Fig K 0		
Total Fig K 131		
Positioning 30	<p>2B</p>  <p>7.2.2.1 6 9.9.3.4 11 9.8.3.2 7</p> <p style="text-align: right;">24</p>	<p>7G</p> <p style="text-align: right;">□</p>
Harmony		
	<p>3C</p>  <p>2.2.5.1 22</p> <p style="text-align: right;">22</p>	<p>8H</p> <p style="text-align: right;">□</p>
	<p>4D</p>  <p>8.4.3.1 15 9.1.1.1 6 9.8.5.1 3</p> <p style="text-align: right;">24</p>	<p>9I</p> <p style="text-align: right;">□</p>
	<p>5E</p>  <p>1.2.6.1 14 9.1.1.2 8 9.9.4.4 11</p> <p style="text-align: right;">33</p>	<p>10J</p> <p style="text-align: right;">□</p>

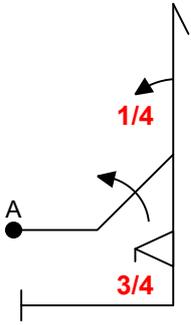
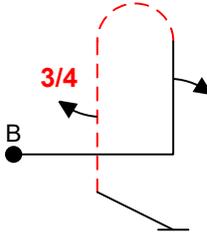
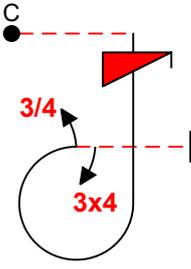
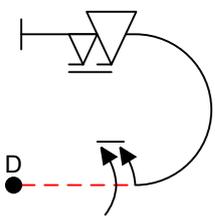
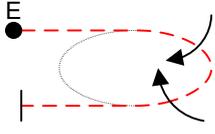
Advanced Free Known A

Max Fig K No Limit	1A	 <p>8.6.2.1 12 9.8.1.1 7 9.1.3.6 10</p>	6F	<input type="checkbox"/>
Min Fig K 0				
Total Fig K 164		29		<input type="checkbox"/>
Positioning	2B	 <p>1.2.5.4 14 9.12.1.4 7 9.2.2.4 11</p>	7G	<input type="checkbox"/>
30				
Harmony				
		32		<input type="checkbox"/>
	3C	 <p>5.2.1.1 17 9.4.1.2 9 9.9.5.3 11</p>	8H	<input type="checkbox"/>
		37		<input type="checkbox"/>
	4D	 <p>8.5.1.3 10 9.9.4.4 11 9.4.3.3 8 9.1.3.3 6</p>	9I	<input type="checkbox"/>
		35		<input type="checkbox"/>
	5E	 <p>2.3.4.2 31</p>	10J	<input type="checkbox"/>
		31		<input type="checkbox"/>

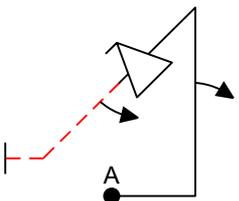
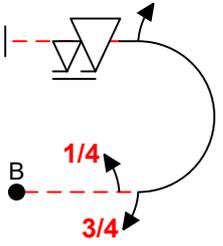
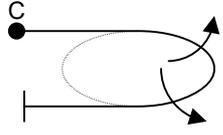
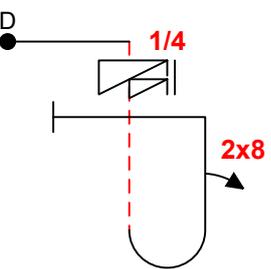
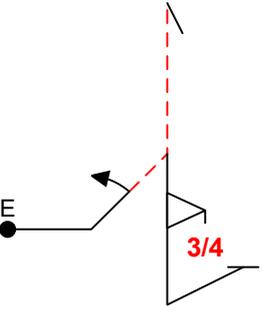
Advanced Free Known B

Max Fig K No Limit	1A		<p>7.2.2.4 7 9.1.3.3 6 9.4.3.3 8 9.1.3.6 10</p>	6F	
Min Fig K 0					
Total Fig K 148			31		<input type="checkbox"/>
Positioning	2B		<p>8.4.1.4 13 9.12.1.5 6 9.8.1.1 7</p>	7G	
30					
Harmony					
			26		<input type="checkbox"/>
	3C		<p>2.2.4.3 27</p>	8H	
			27		<input type="checkbox"/>
	4D		<p>7.4.10.2 11 9.4.3.2 5 9.9.3.4 11 9.8.3.2 7</p>	9I	
			34		<input type="checkbox"/>
	5E		<p>6.2.1.1 15 9.4.1.2 9 9.1.5.3 6</p>	10J	
			30		<input type="checkbox"/>

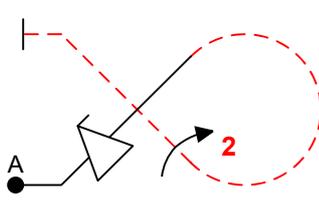
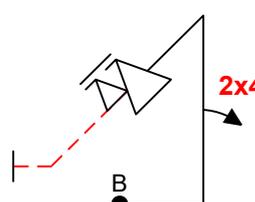
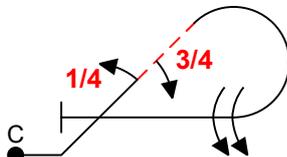
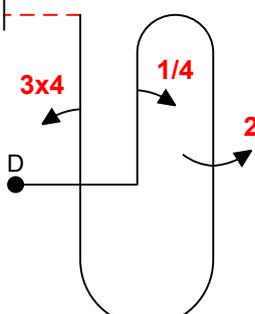
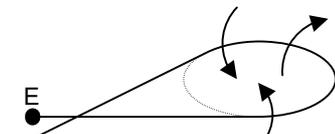
Advanced Free Known C

Max Fig K No Limit	<p>1A</p>  <p>5.3.1.1 18 9.1.2.4 10 9.1.1.1 6 9.9.5.3 11</p> <p>45</p>	<p>6F</p>
Min Fig K 0		
Total Fig K 160		
Positioning	<p>2B</p>  <p>8.4.3.1 15 9.1.1.2 8 9.1.5.3 6</p> <p>29</p>	<p>7G</p>
30		
Harmony		
	<p>3C</p>  <p>8.6.1.4 12 9.12.1.4 7 9.1.3.3 6 9.4.3.3 8</p> <p>33</p>	<p>8H</p>
	<p>4D</p>  <p>7.2.4.2 6 9.1.3.6 10 9.9.3.6 14</p> <p>30</p>	<p>9I</p>
	<p>5E</p>  <p>2.2.5.2 23</p> <p>23</p>	<p>10J</p>

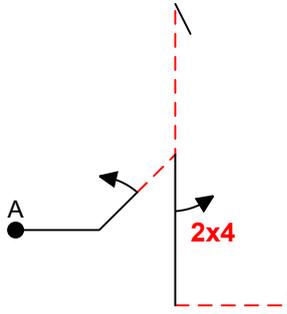
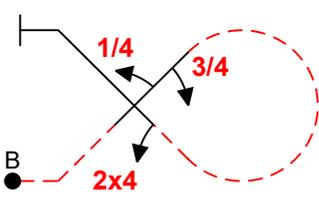
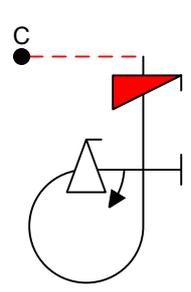
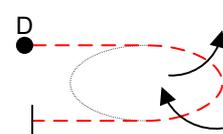
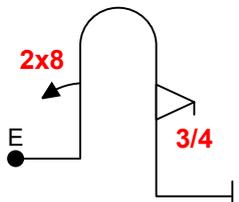
Advanced Free Known D

Max Fig K No Limit	<p>1A</p>  <p>1.2.8.1 16 9.1.1.2 8 9.9.4.4 11 9.1.4.2 4</p>	6F	39	<input type="checkbox"/>		
Min Fig K 0			<p>2B</p>  <p>7.2.3.2 7 9.1.3.1 2 9.1.3.3 6 9.1.3.2 4 9.9.3.6 14</p>	7G	33	<input type="checkbox"/>
Total Fig K 163					<p>3C</p>  <p>2.2.5.3 24</p>	8H
Positioning 30	<p>4D</p>  <p>8.4.3.3 15 9.11.1.5 4 9.8.1.1 7</p>	9I	26	<input type="checkbox"/>		
Harmony			<p>5E</p>  <p>5.3.2.1 24 9.1.2.2 6 9.9.5.3 11</p>	10J		

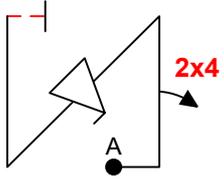
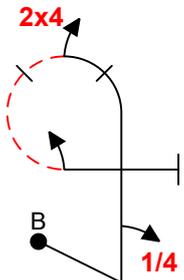
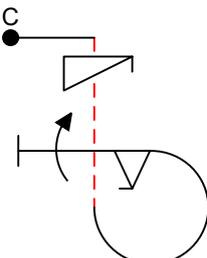
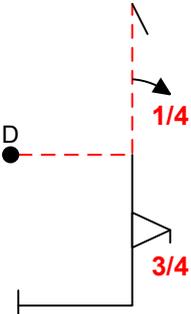
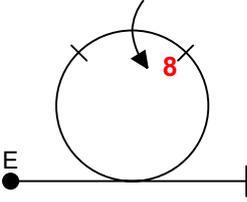
Advanced Free Known E

Max Fig K No Limit	<p>1A</p>  <p>7.3.1.1 16 9.9.2.4 13 9.2.2.4 11</p>	6F	40	<input type="checkbox"/>		
Min Fig K 0			<p>2B</p>  <p>1.2.8.1 16 9.4.1.2 9 9.9.4.6 14</p>	7G	39	<input type="checkbox"/>
Total Fig K 193					<p>3C</p>  <p>8.5.2.1 10 9.1.2.1 4 9.1.2.3 8 9.1.3.8 12</p>	8H
Positioning 30	<p>4D</p>  <p>8.8.1.1 18 9.1.1.1 6 9.2.5.4 9 9.4.1.3 12</p>	9I	45	<input type="checkbox"/>		
Harmony			<p>5E</p>  <p>2.3.5.1 35</p>	10J		

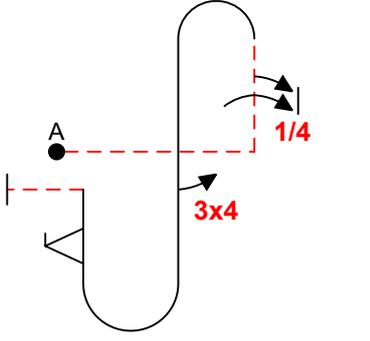
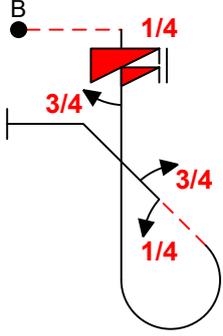
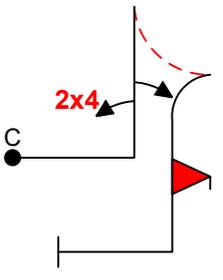
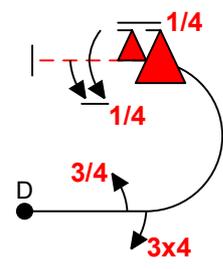
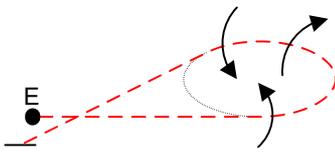
Advanced Free Known F

Max Fig K No Limit	<p>1A</p>  <p>5.3.2.3 25 9.1.2.2 6 9.4.5.2 5</p> <p style="text-align: right;">36</p>	6F	<input type="text"/>
Min Fig K 0			
Total Fig K 166			
Positioning	<p>2B</p>  <p>7.3.4.2 20 9.1.2.1 4 9.1.2.3 8 9.4.2.2 7</p> <p style="text-align: right;">39</p>	7G	<input type="text"/>
30			
Harmony			
	<p>3C</p>  <p>8.6.2.4 12 9.12.1.4 7 9.9.3.4 11 9.1.3.2 4</p> <p style="text-align: right;">34</p>	8H	<input type="text"/>
	<p>4D</p>  <p>2.2.6.4 26</p> <p style="text-align: right;">26</p>	9I	<input type="text"/>
	<p>5E</p>  <p>8.4.1.1 13 9.8.1.1 7 9.9.5.3 11</p> <p style="text-align: right;">31</p>	10J	<input type="text"/>

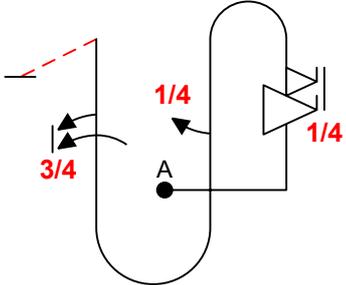
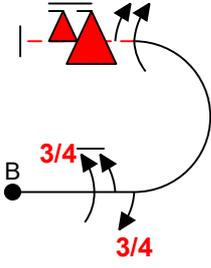
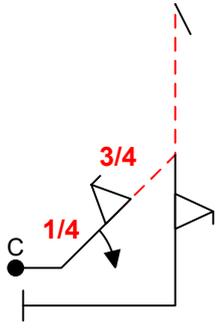
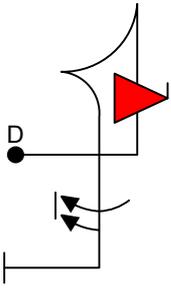
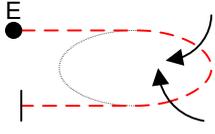
Advanced Free Known G

Max Fig K No Limit	1A		1.3.14.1 22 9.4.1.2 9 9.9.4.4 11	6F	<input type="checkbox"/>
Min Fig K 0					
Total Fig K 171			42		<input type="checkbox"/>
Positioning	2B		8.6.18.1 13 9.1.1.1 6 9.4.3.2 5 9.1.3.2 4	7G	<input type="checkbox"/>
30			28		
Harmony	3C		8.6.4.3 13 9.11.1.4 5 9.9.3.2 11 9.1.3.4 8	8H	<input type="checkbox"/>
			37		
	4D		5.2.1.4 22 9.1.1.1 6 9.9.5.3 11	9I	<input type="checkbox"/>
			39		
	5E		7.4.1.1 10 9.8.3.4 15	10J	<input type="checkbox"/>
			25		

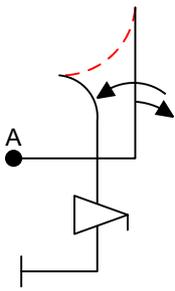
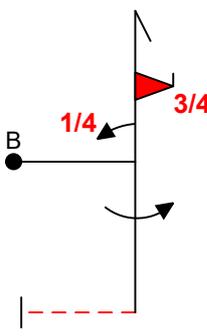
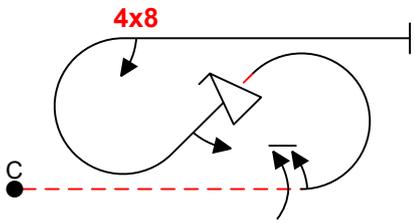
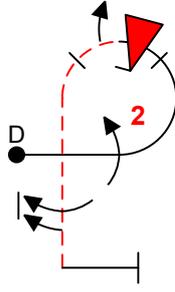
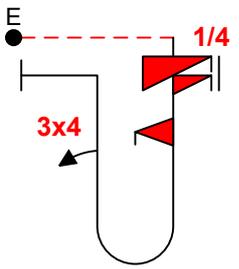
Unlimited Free Known B

Max Fig K No Limit	<p>1A</p>  <p>8.8.8.2 20 9.1.1.5 14 9.4.5.3 8 9.9.1.2 15</p> <p>57</p>	<p>6F</p>
Min Fig K 0		
Total Fig K 223		
Positioning 40	<p>2B</p>  <p>8.5.18.4 15 9.12.1.5 6 9.1.5.3 6 9.1.2.1 4 9.1.2.3 8</p> <p>39</p>	<p>7G</p>
Harmony		
	<p>3C</p>  <p>6.2.2.1 15 9.4.1.2 9 9.1.1.2 8 9.10.5.2 13</p> <p>45</p>	<p>8H</p>
	<p>4D</p>  <p>7.2.1.1 6 9.1.3.3 6 9.4.3.3 8 9.10.8.5 17 9.1.3.5 9</p> <p>46</p>	<p>9I</p>
	<p>5E</p>  <p>2.3.5.2 36</p> <p>36</p>	<p>10J</p>

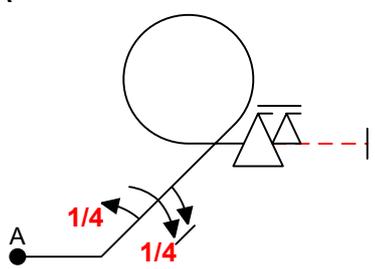
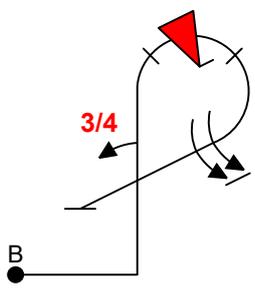
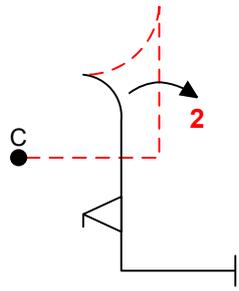
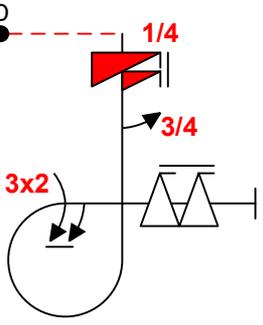
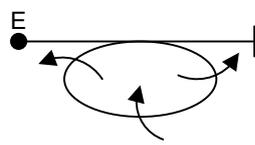
Unlimited Free Known C

Max Fig K No Limit	<p>1A</p>  <p>8.8.1.1 18 9.9.1.5 17 9.1.5.1 2 9.1.1.7 17</p> <p>54</p>	<p>6F</p> <p style="text-align: right;">□</p>
Min Fig K 0		
Total Fig K 225		
Positioning 40	<p>2B</p>  <p>7.2.1.1 6 9.1.3.7 11 9.1.3.3 6 9.1.3.6 10 9.10.8.6 19</p> <p>52</p>	<p>7G</p> <p style="text-align: right;">□</p>
Harmony		
	<p>3C</p>  <p>5.3.2.1 24 9.1.2.1 4 9.9.2.3 13 9.9.5.2 11</p> <p>52</p>	<p>8H</p> <p style="text-align: right;">□</p>
	<p>4D</p>  <p>6.2.1.1 15 9.10.6.4 19 9.1.5.6 10</p> <p>44</p>	<p>9I</p> <p style="text-align: right;">□</p>
	<p>5E</p>  <p>2.2.5.2 23</p> <p>23</p>	<p>10J</p> <p style="text-align: right;">□</p>

Unlimited Free Known D

Max Fig K No Limit	<p>1A</p>  <p>6.2.2.1 15 9.1.1.2 8 9.1.1.4 12 9.9.5.4 11</p> <p style="text-align: right;">46</p>	6F	<input type="checkbox"/>
Min Fig K 0			
Total Fig K 240			
Positioning 40	<p>2B</p>  <p>5.2.1.3 18 9.1.1.1 6 9.10.1.3 17 9.1.5.4 8</p> <p style="text-align: right;">49</p>	7G	<input type="checkbox"/>
Harmony			
	<p>3C</p>  <p>7.5.8.2 15 9.1.3.6 10 9.9.9.4 13 9.1.4.2 4 9.8.3.2 7</p> <p style="text-align: right;">49</p>	8H	<input type="checkbox"/>
	<p>4D</p>  <p>8.6.22.1 13 9.2.3.4 9 9.10.8.4 15 9.1.3.2 4 9.1.5.6 10</p> <p style="text-align: right;">51</p>	9I	<input type="checkbox"/>
	<p>5E</p>  <p>8.4.2.4 14 9.12.1.5 6 9.10.5.2 13 9.4.1.3 12</p> <p style="text-align: right;">45</p>	10J	<input type="checkbox"/>

Unlimited Free Known F

Max Fig K No Limit	<p>1A</p>  <p>8.7.3.1 12 9.1.2.1 4 9.1.2.5 11 9.9.3.6 14</p> <p>41</p>	<p>6F</p>	<input type="checkbox"/>
Min Fig K 0			
Total Fig K 229			
Positioning 40	<p>2B</p>  <p>8.6.1.1 11 9.1.1.3 10 9.10.8.4 15 9.1.3.8 12</p> <p>48</p>	<p>7G</p>	<input type="checkbox"/>
Harmony			
	<p>3C</p>  <p>6.2.2.4 17 9.2.1.4 13 9.9.5.2 11</p> <p>41</p>	<p>8H</p>	<input type="checkbox"/>
	<p>4D</p>  <p>8.6.2.4 12 9.12.1.5 6 9.1.5.3 6 9.2.3.6 12 9.9.3.8 17</p> <p>53</p>	<p>9I</p>	<input type="checkbox"/>
	<p>5E</p>  <p>2.4.6.3 46</p> <p>46</p>	<p>10J</p>	<input type="checkbox"/>