2014

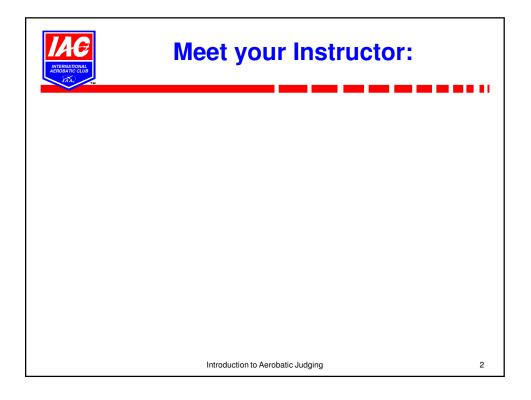


INTRODUCTION TO AEROBATIC JUDGING

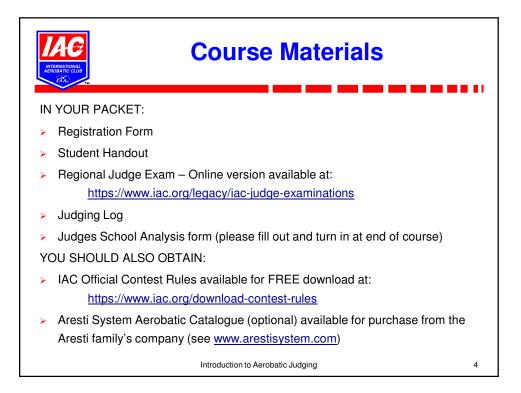
Student Handout

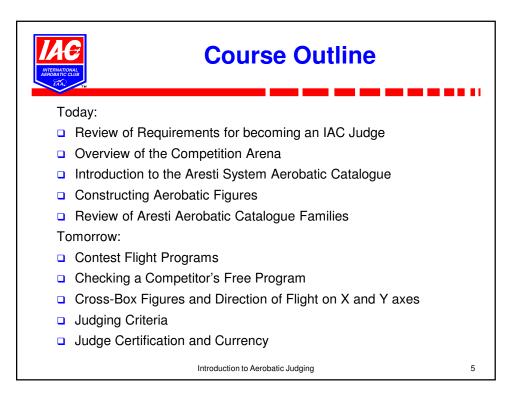
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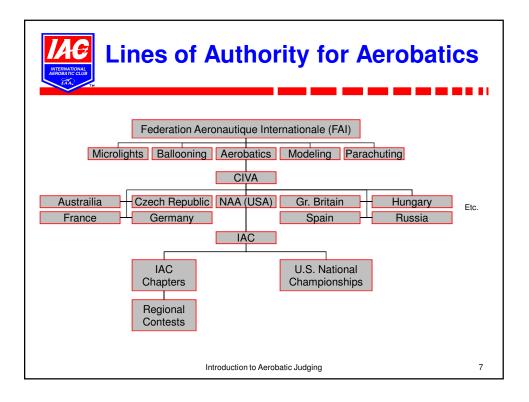


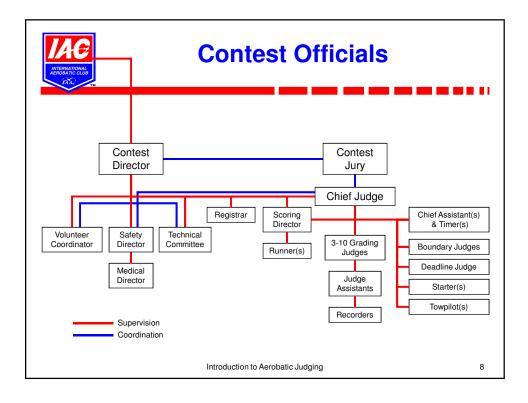


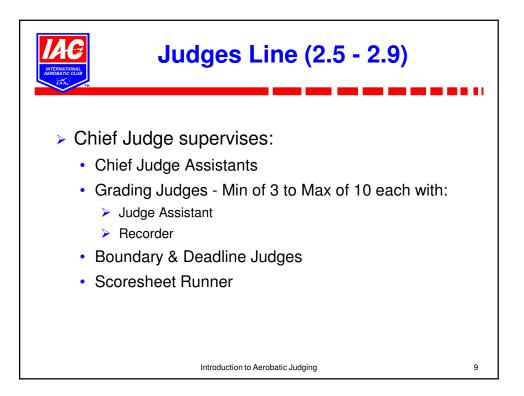




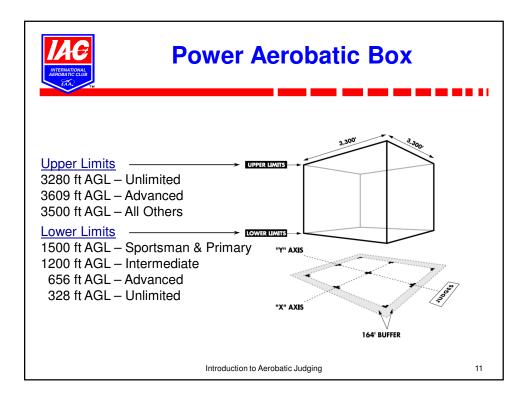




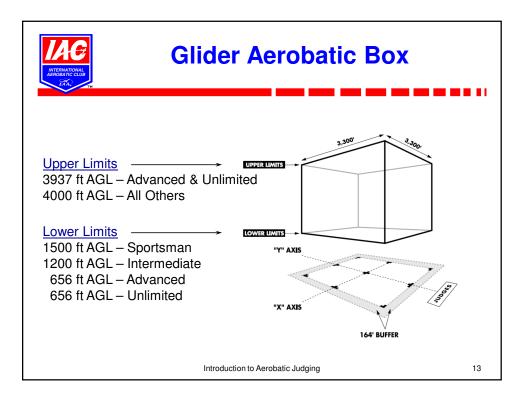


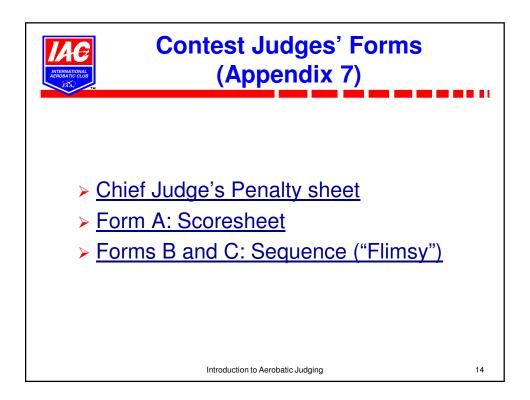


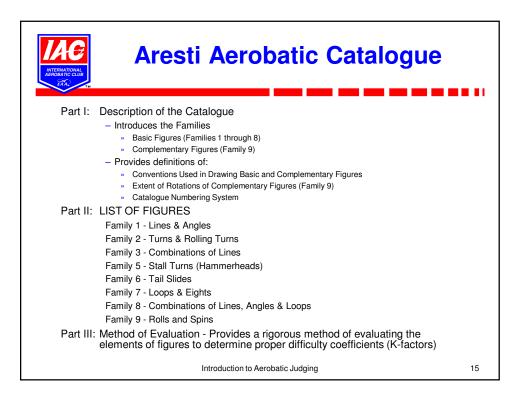
POWER COMPETITION FLIGHT PROGRAMS Table 5.1.1							
CATEGORY	KNOWN	FREE	UNKNOWN				
Primary	X	X					
Sportsman	×	(See 5.1.3	;)				
Intermediate	X	X	×				
Advanced	×	X	×				
Unlimited	×	X	×				
CD option for scheduling For competitors flying a F - Known Program, Repeat K - If 3 rd flight program flown, r CD may schedule Option	ree Program in Sportsmanown or optional Free Program nust repeat program flown or	an: am ^{1 2nd flight n for Unlimited and <i>qual</i>}	<i>lified</i> Advanced competitor				

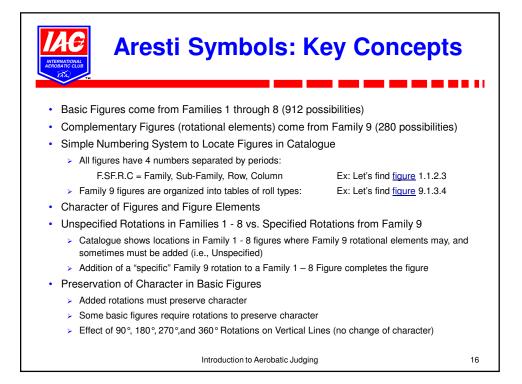


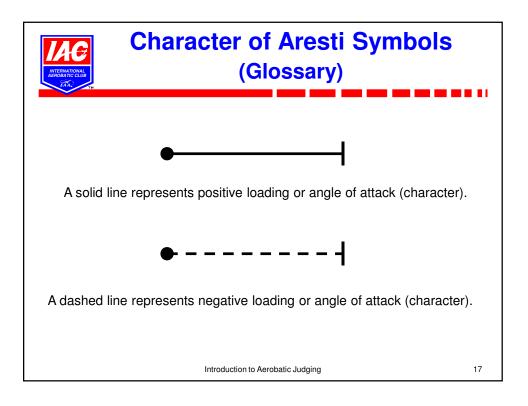
	GLIDER COMPETITION FLIGHT PROGRAMS Table 5.1.2						
CATEGORY	KNOWN	FREE	UNKNOWN				
Sportsman	\not	¥ (See 5.1.3)					
Intermediate	$\not\prec$	¥	$\not\prec$				
Advanced	$\not\prec$	4	$\not\prec$				
Unlimited	$\not\prec$	×	×				

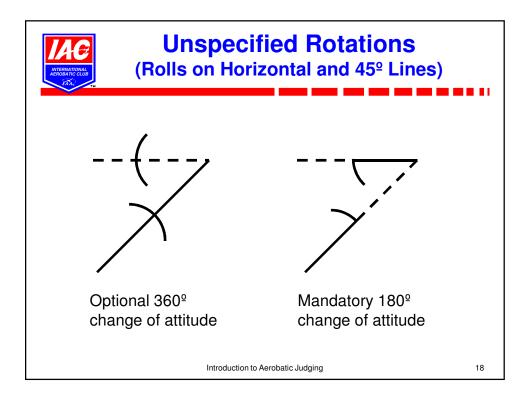


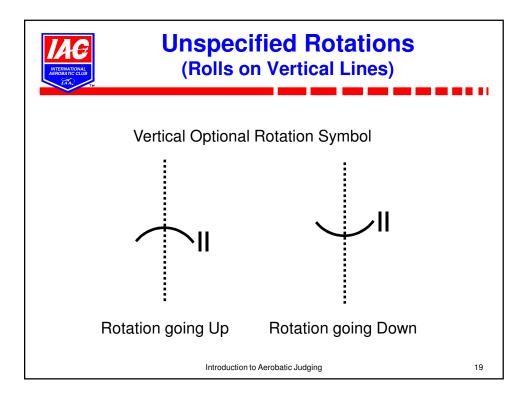


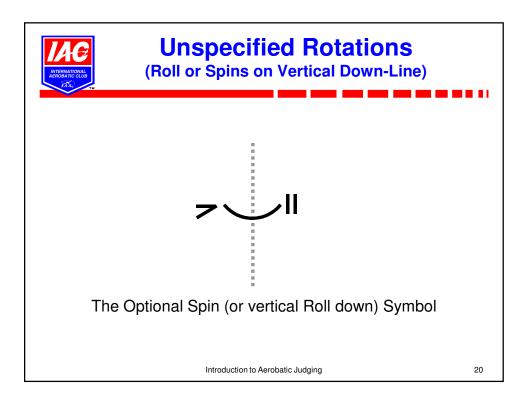


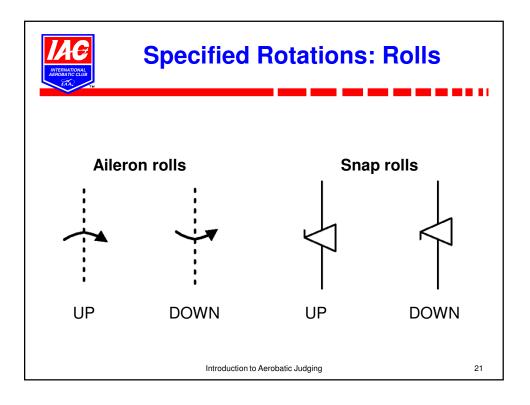


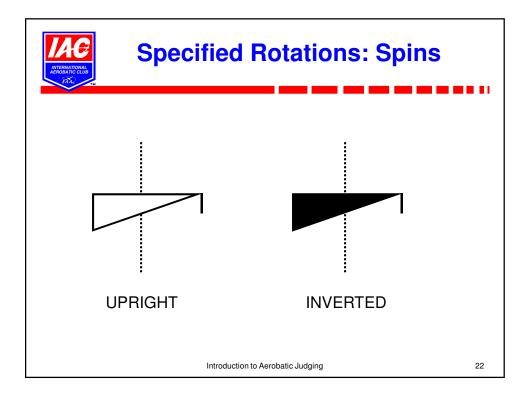


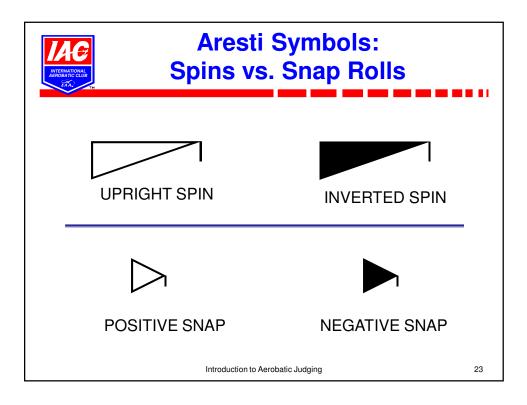


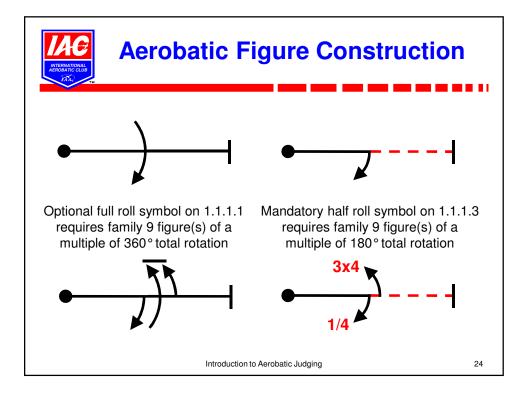


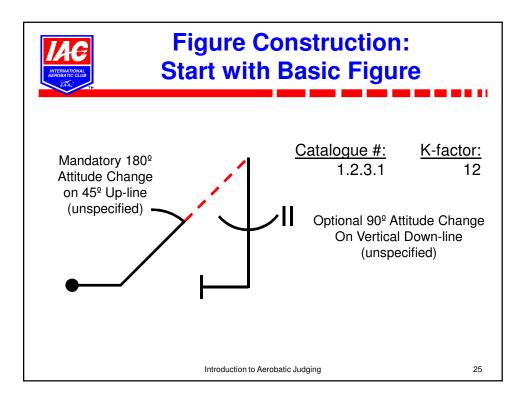


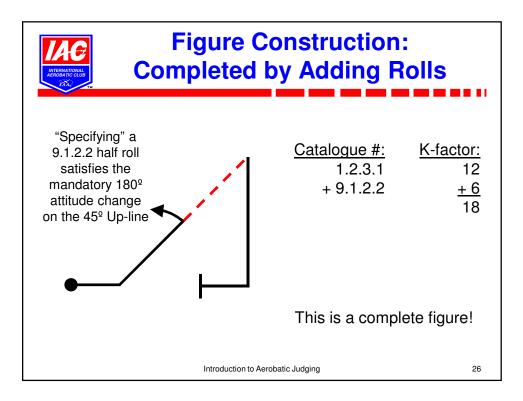


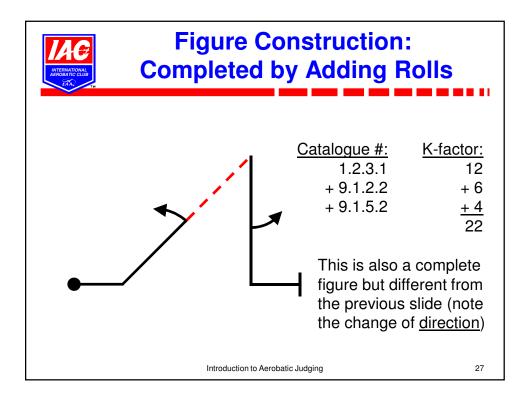


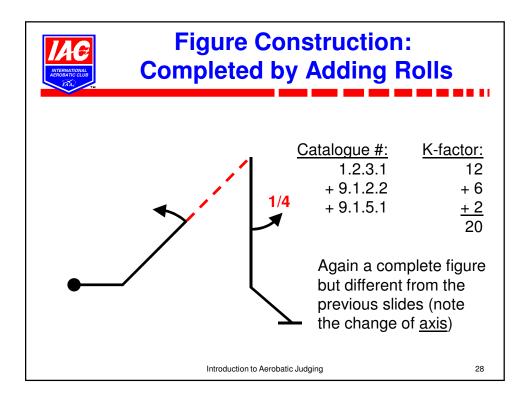


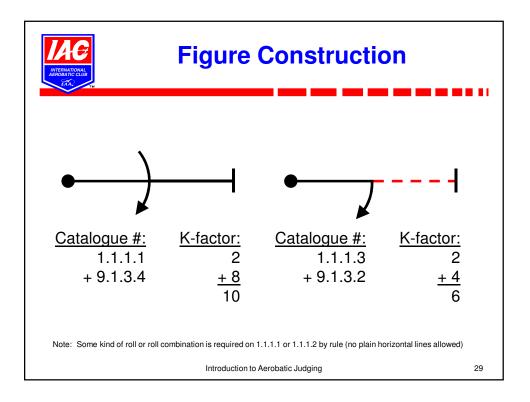


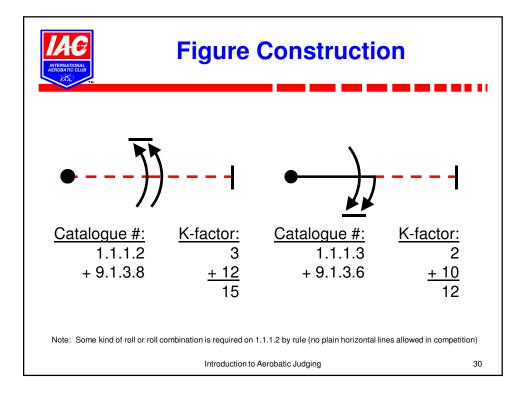


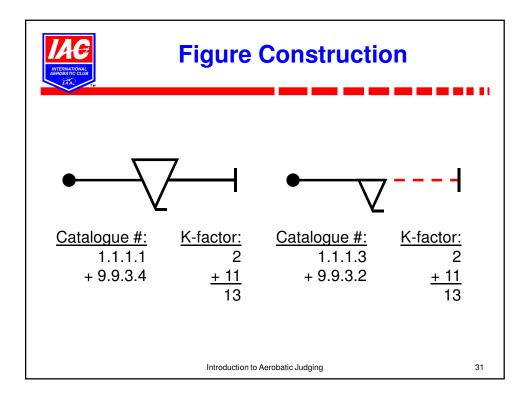


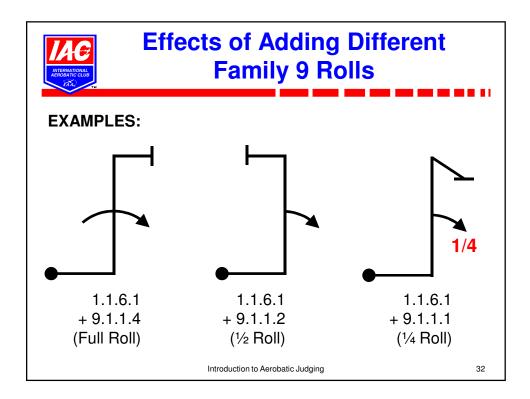


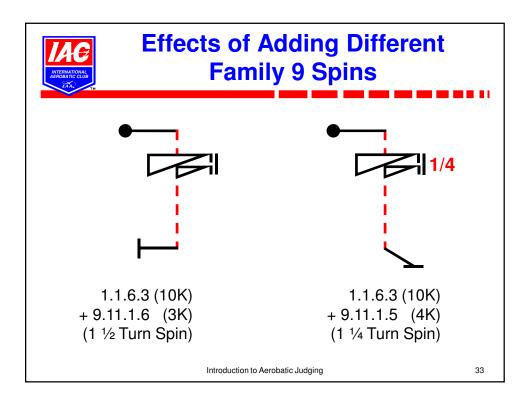


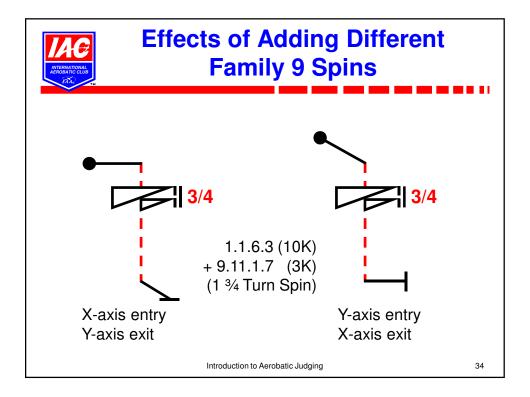


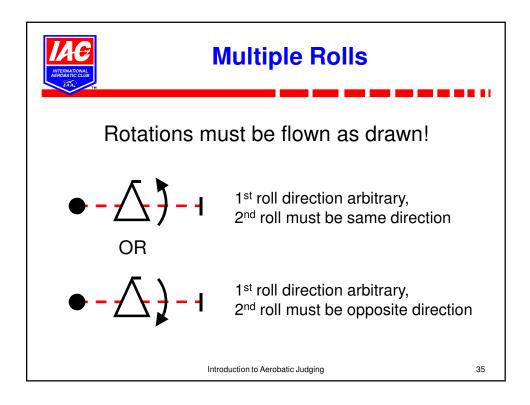


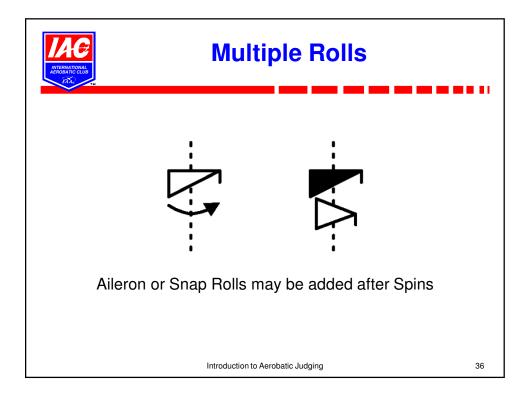


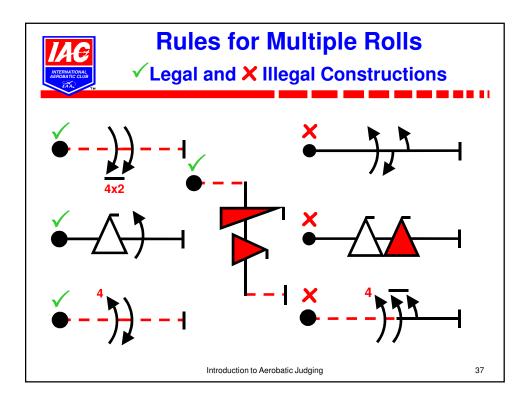


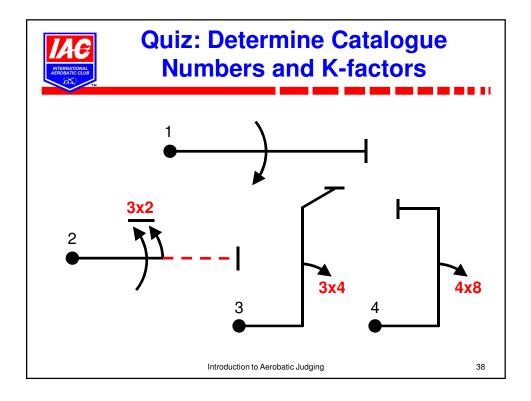


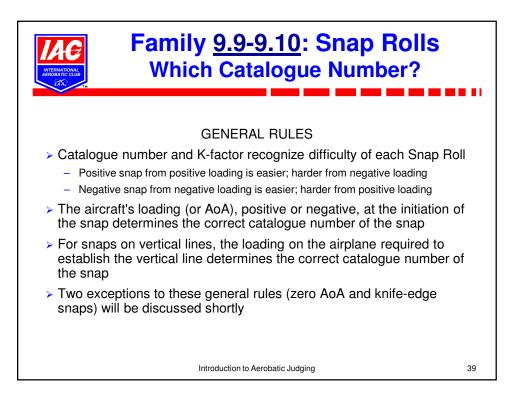


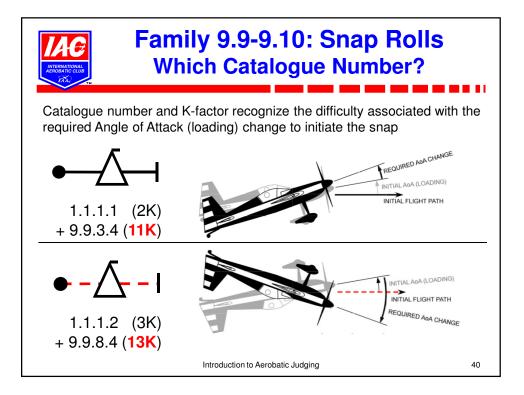


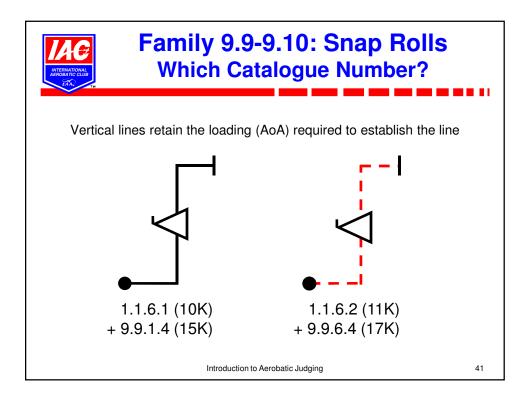


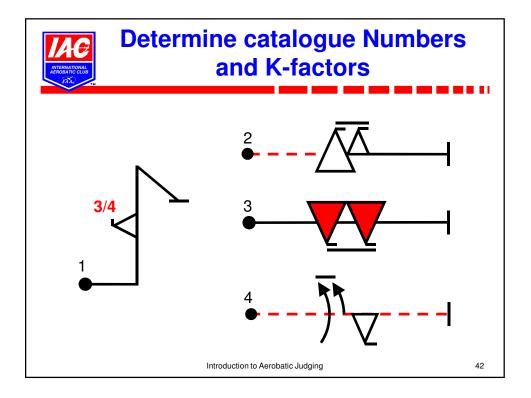


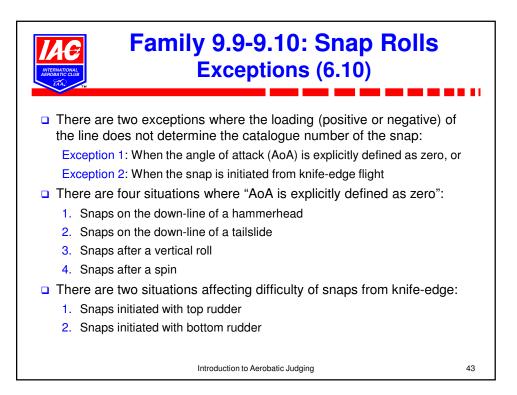


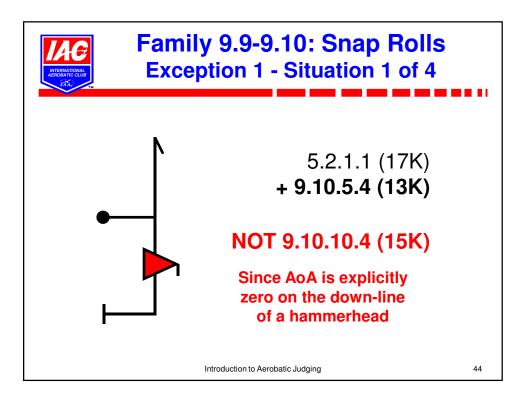


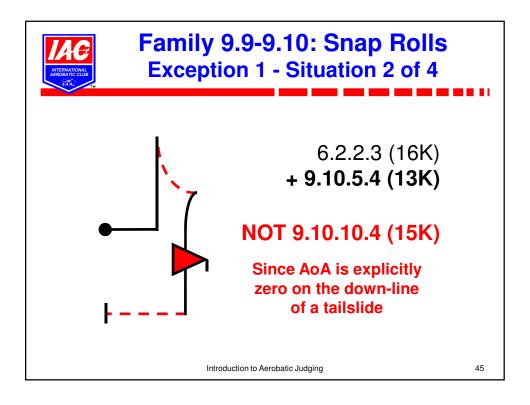


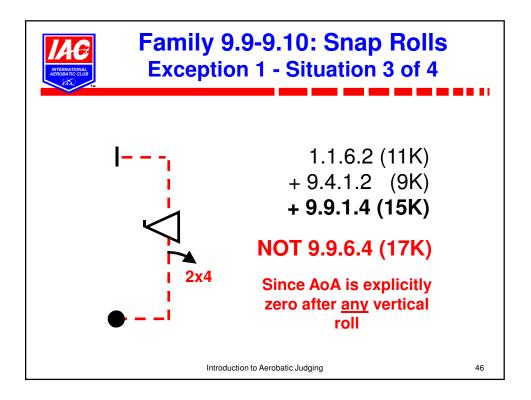


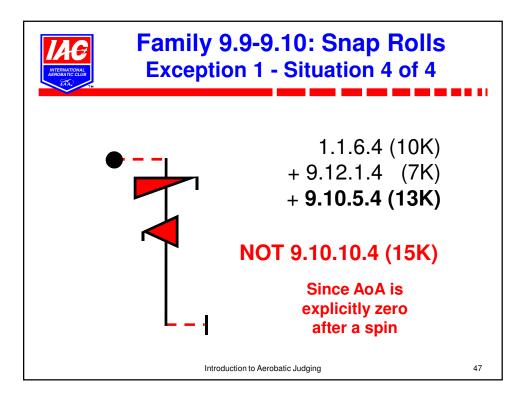


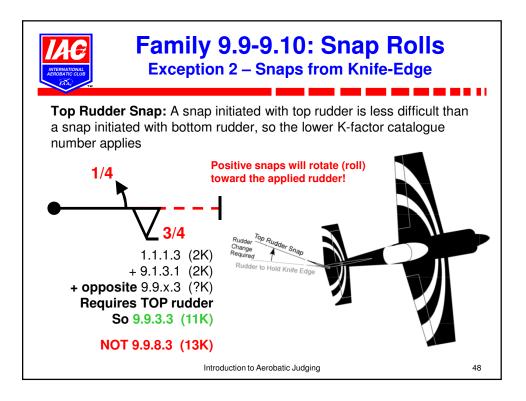


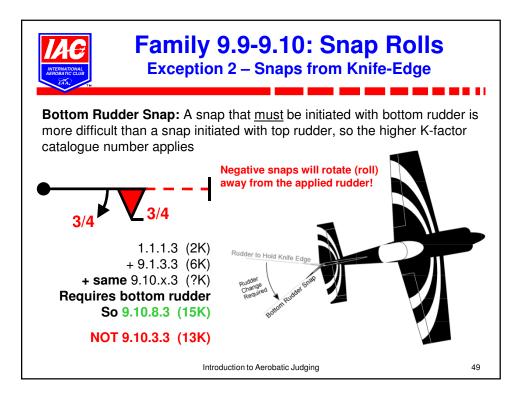




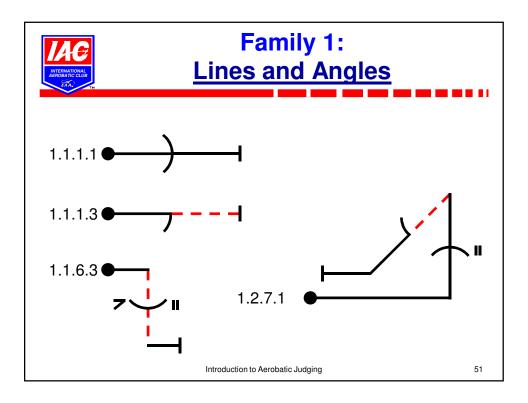


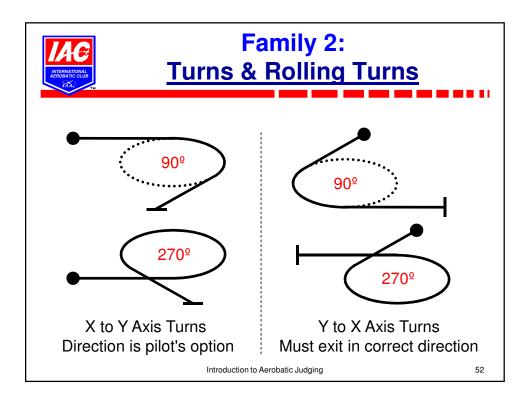


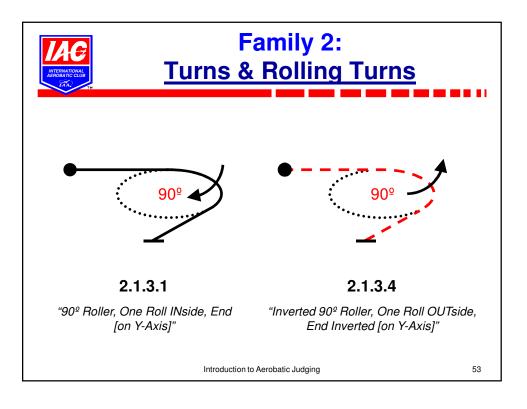


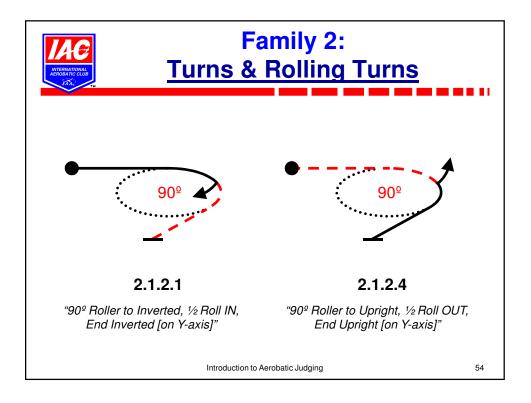


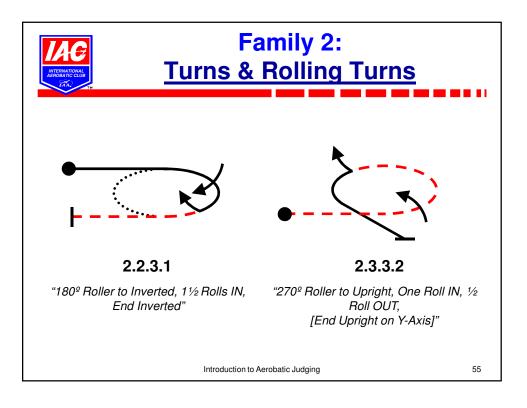
AID FOR CORRECT K-FACTOR OF KNIFE-EDGE SNAP ROLLS											
RUDDER REQUIRED FOR SNAP FROM KNIFE EDGE Table 6.10.1											
	Attitude		Positive Snap		Negative Snap						
	Preceding Initial Roll	Initial Roll	Same Direction	Opposite Direction	Same Direction	Opposite Direction					
		¼ or 1 ¼	Bottom Rudder (higher K)	Top Rudder (lower K)	Top Rudder (lower K)	Bottom Rudder (higher K)					
υρι	Upright	3⁄4 or 1 3⁄4	Top Rudder (lower K)	Bottom Rudder (higher K)	Bottom Rudder (higher K)	Top Rudder (lower K)					
	Inverted	1⁄4 or 1 1⁄4	Top Rudder (lower K)	Bottom Rudder (higher K)	Bottom Rudder (higher K)	Top Rudder (lower K)					
		34 or 1 34	Bottom Rudder (higher K)	Top Rudder (lower K)	Top Rudder (lower K)	Bottom Rudder (higher K)					
Introduction to Aerobatic Judging 5											

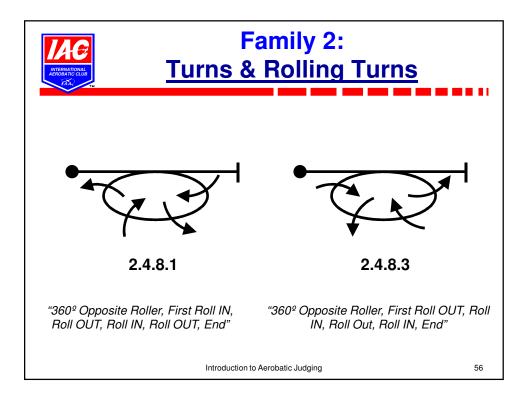


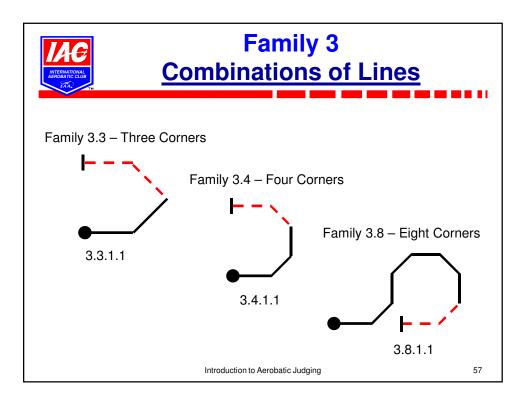


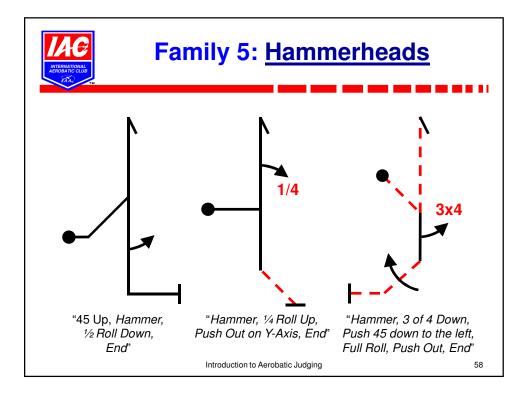


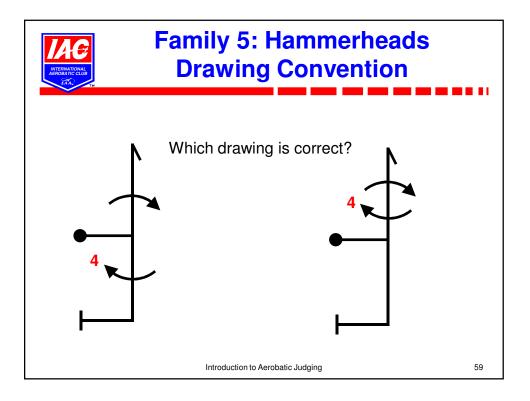


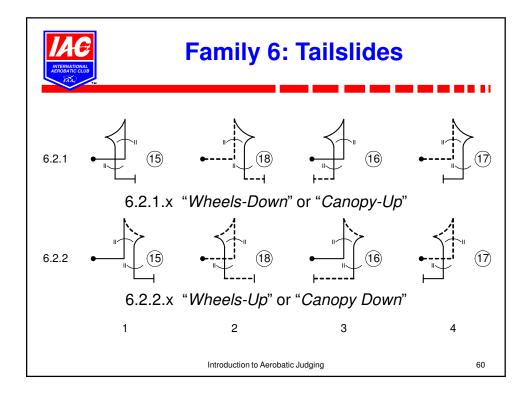


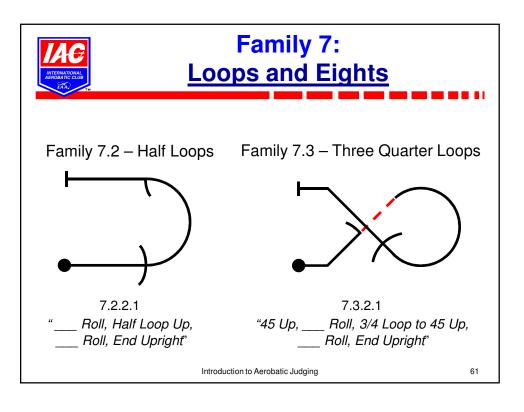


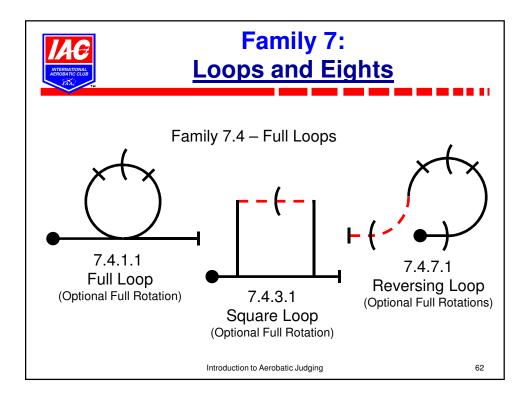


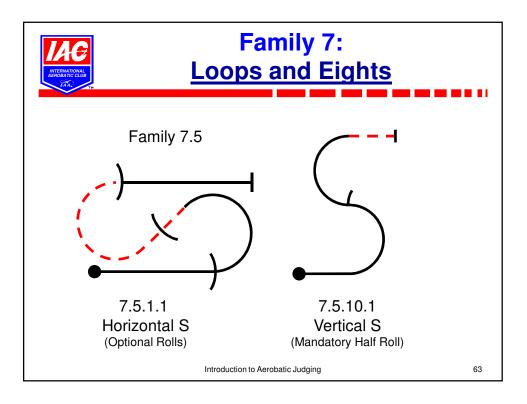


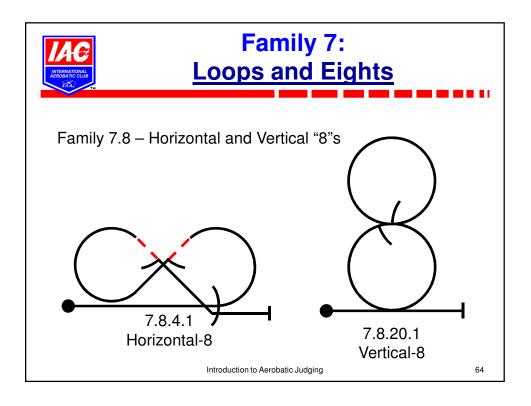


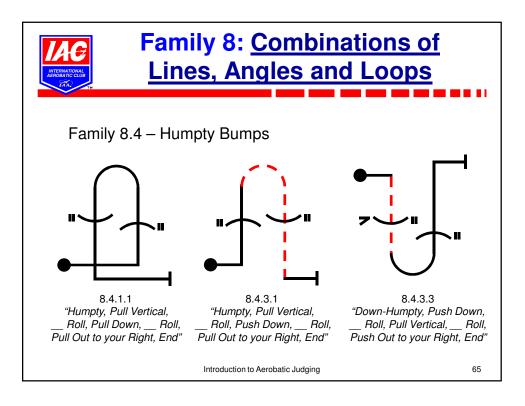


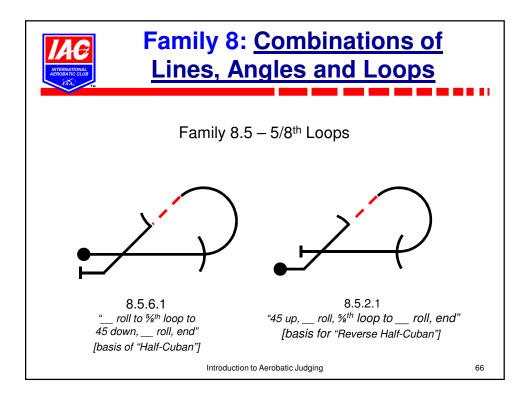


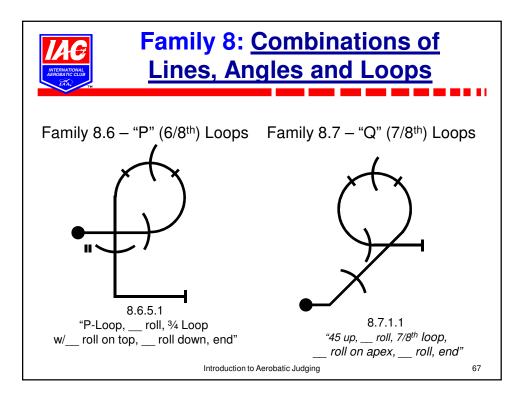


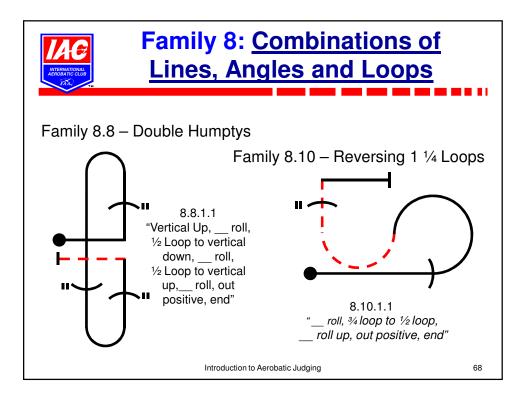


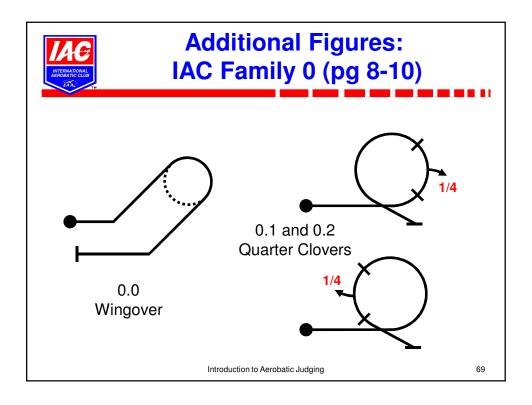


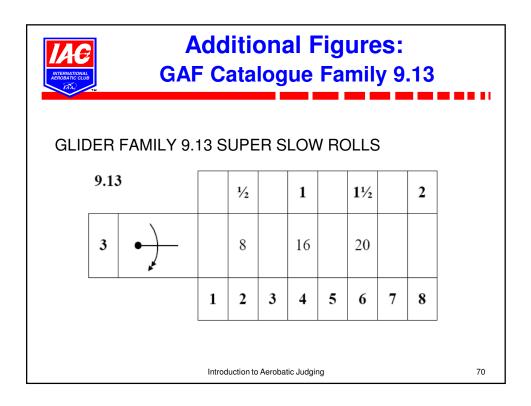




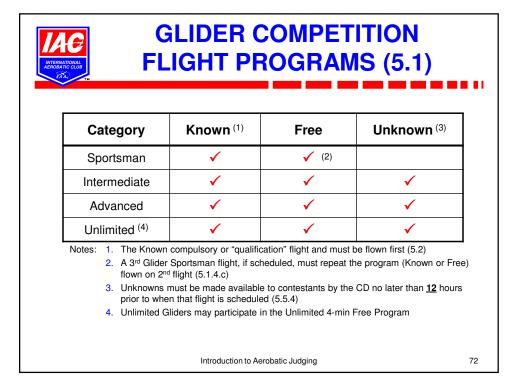


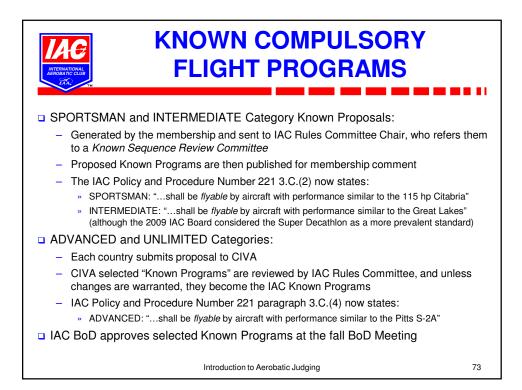




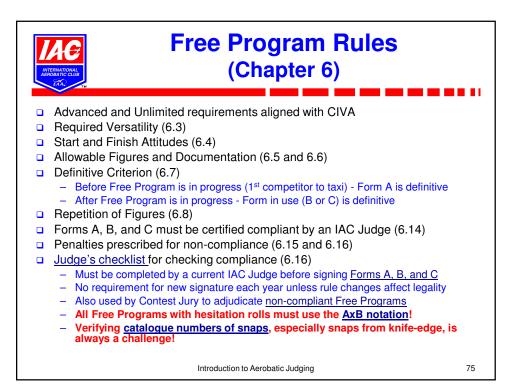


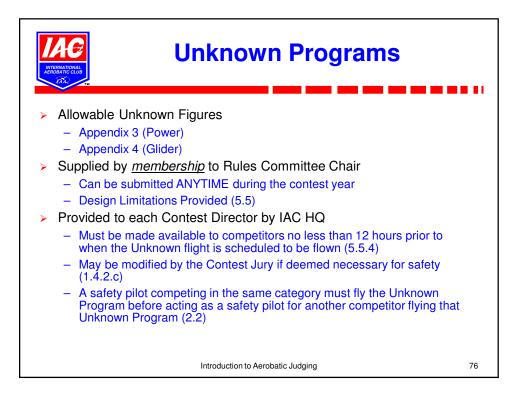
POWER COMPETITION FLIGHT PROGRAMS (5.1)									
Category	Known ⁽¹⁾	Free	Unknown ⁽⁴⁾	4 Minute Freestyle ⁽⁵⁾					
Primary	🖌 (2)								
Sportsman	✓	(2), (3)							
Intermediate	 ✓ 	✓	✓						
Advanced	 ✓ 	✓	✓	✓ (5)					
Unlimited	 ✓ 	✓	✓	✓					
 Primary fli Sportsmar A 3rd Spor Unknowns The 4-Min 	n may repeat the Knov tsman flight, if schedu s must be made availa	m for all flights (up to wn sequence for the uled, must repeat se able to contestants b parate trophy event f	o three flights). Instea e second flight (5.1.3) equence flown on 2 nd fl by the CD no later thar for Unlimited-Power (o	light (5.1.4.c) n <u>12</u> hours prior (5.5.					



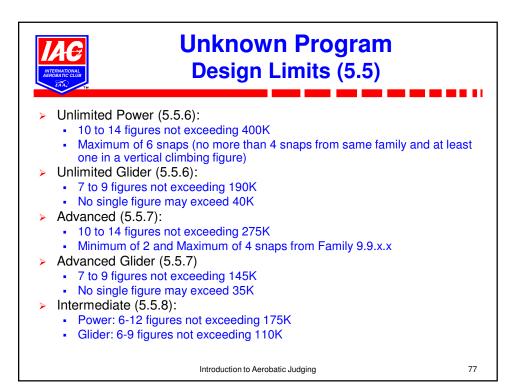


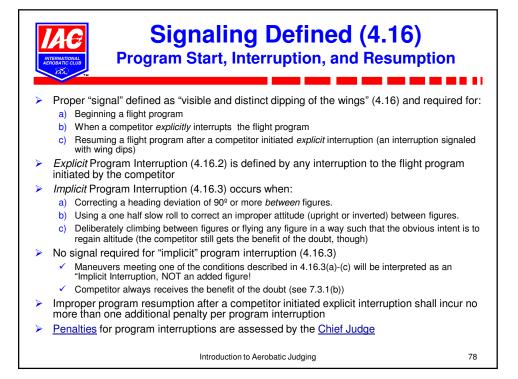
Free Programs (Tables 6.2.1 & 6.2.2) Created by each contestant and approved by a current Judge									
		Power		Glider					
Category	Max # of Figures	Max K-factor ¹	Presentation K-factor	Max # of Figures	Max K-factor ²	Presentation K-factor			
Sportsman	No limit	Same as current Known	6	No limit	Same as current Known	15			
Intermediate	15	190	8	No limit	140	15			
Advanced	12	300	12	10	175	35			
Unlimited	9	420	26	10	230	35			
	(see 6.2) Programs – Actua	I K can be up to 3 g with the highest	f a "Floating Point" 3K higher than thes K, and continuing ion to Aerobatic Ju	e limits but a "Flo with next lowest I	ating Point" mus	t be taken from			

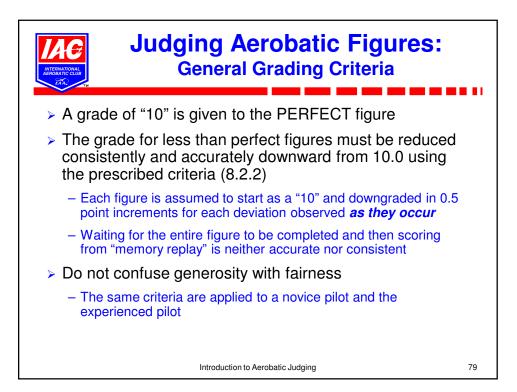


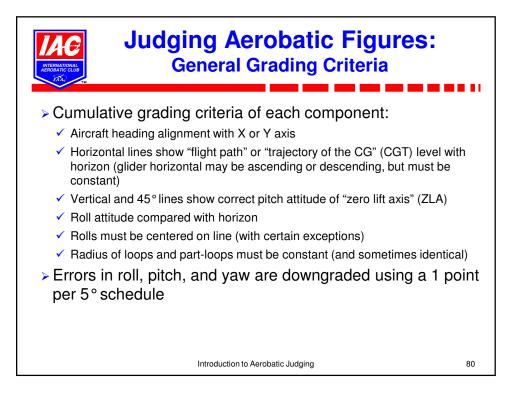


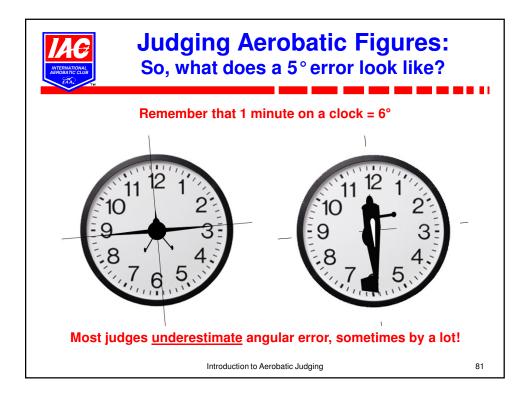
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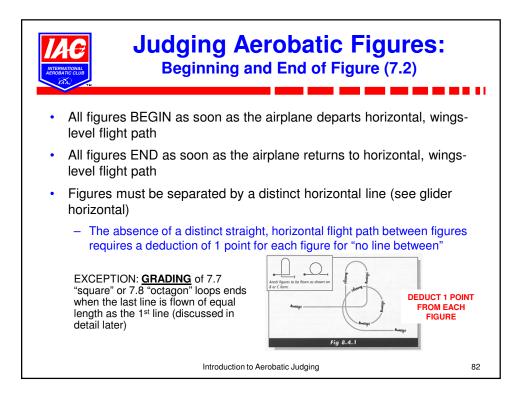


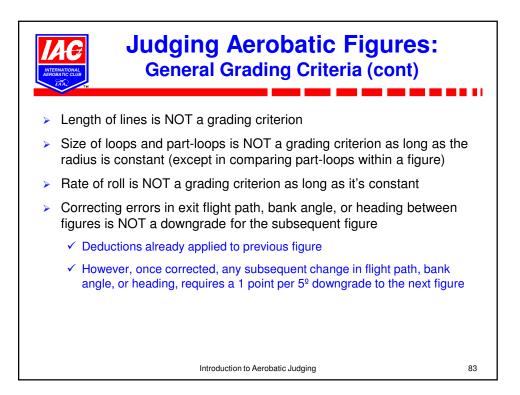


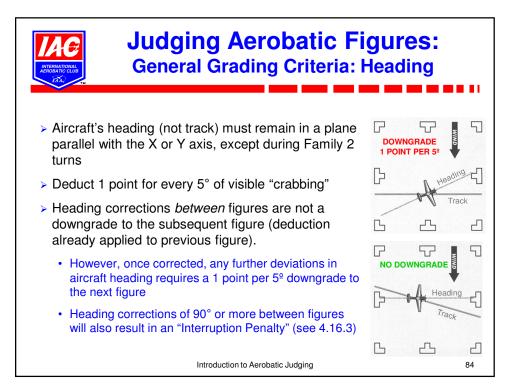


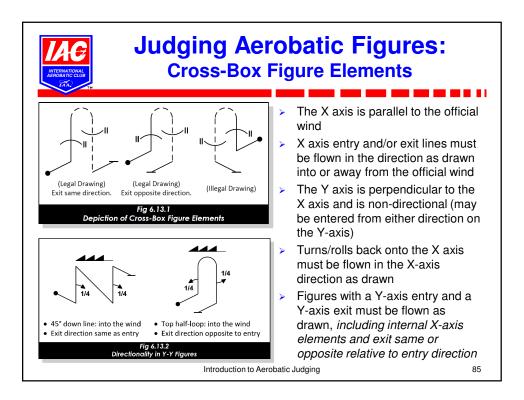


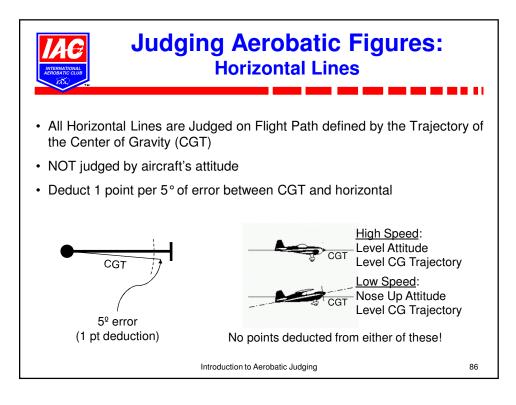


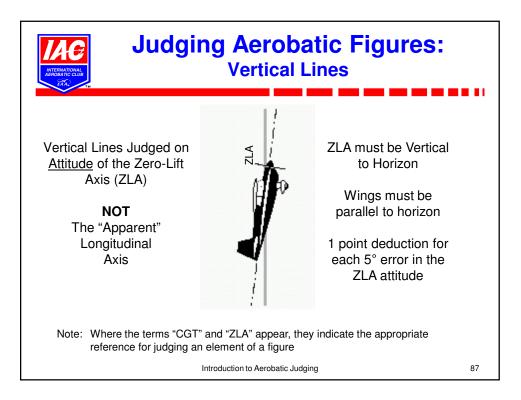


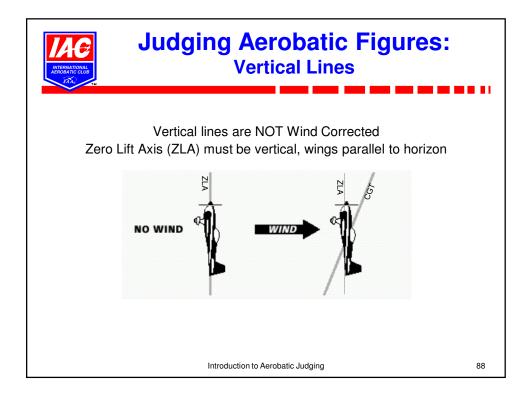


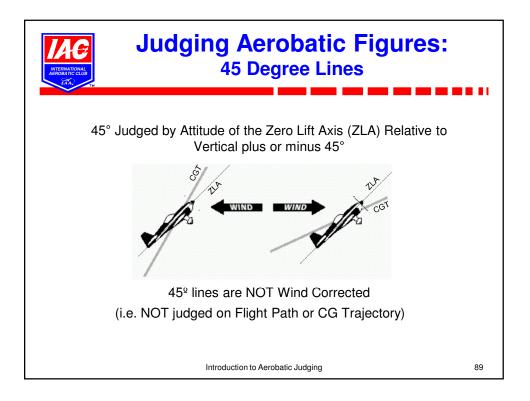


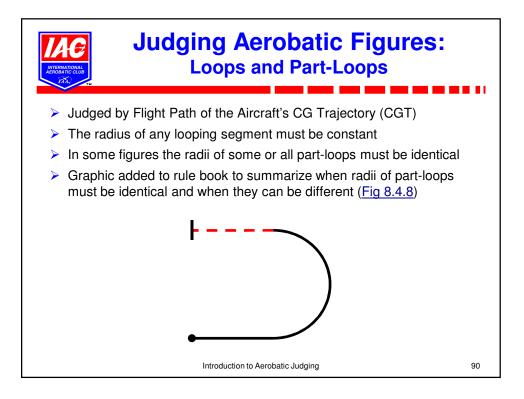


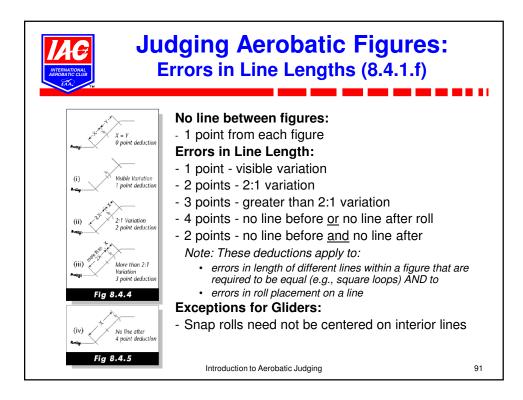


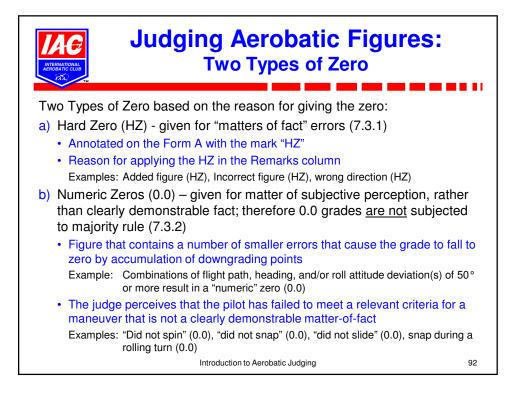


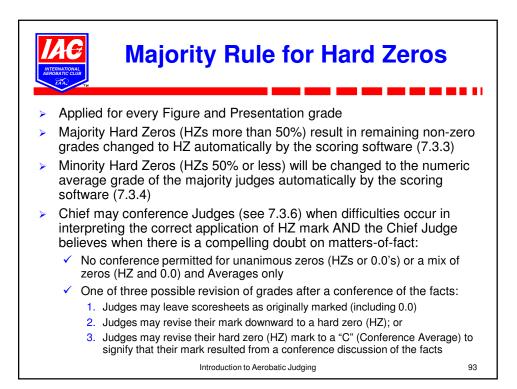


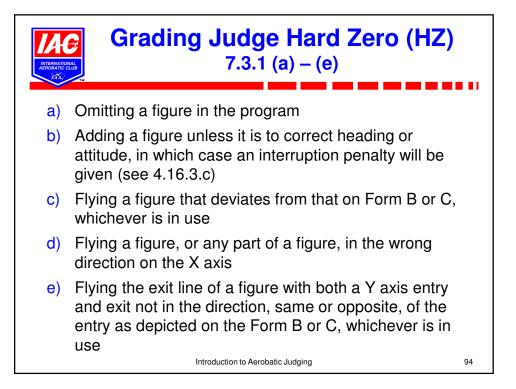












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