

Officiating Throwing Events



Agenda

- Safety
- Conduction of the competition
 - Event Order
 - Roles of the officials
- Fouls
 - Sector, Circle/Runway
 - Throwing form
- Recording
 - Measuring, marking
 - Recording, ranking



SAFETY!



Accidents both in or out of sector



Implements could land outside the sector and hit athletes at adjacent events or spectators and bystanders in danger zone



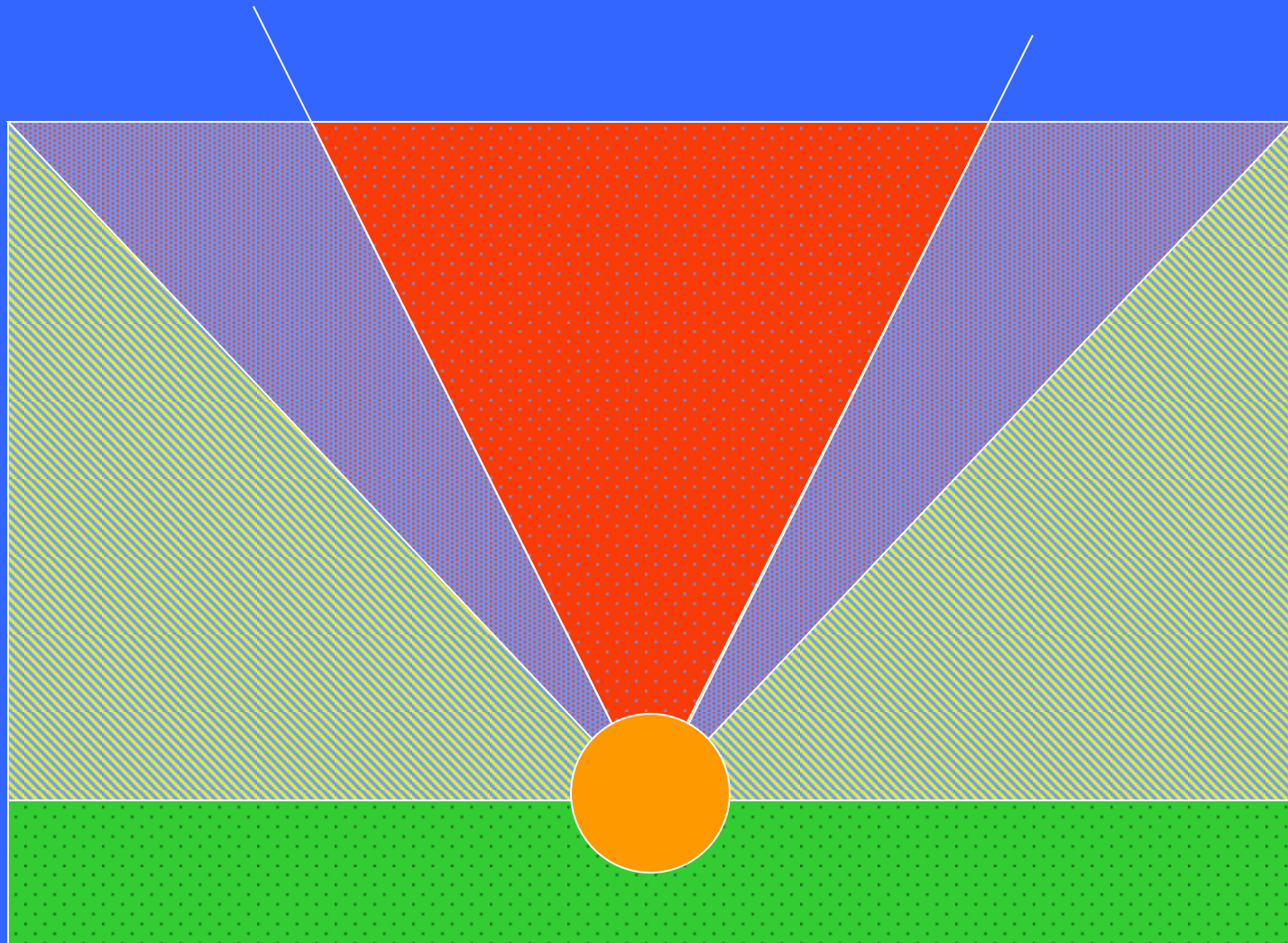
Sometimes Implements change flight path and could hit an official too eager to spot the mark

Golden Safety Rules

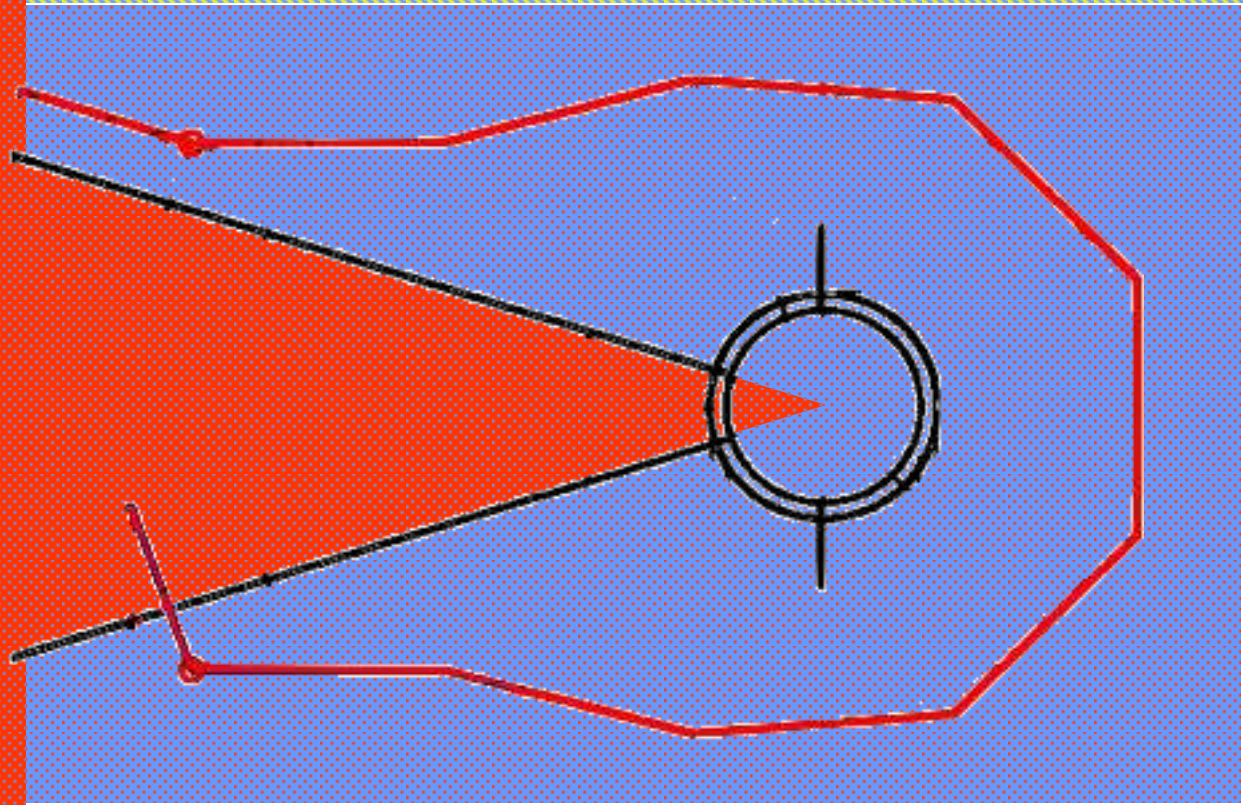
1. NEVER TURN YOUR BACK TO THE CIRCLE OR RUNWAY!
2. KEEP YOUR EYES ON THE CIRCLE, EVEN WHEN SEPERATED BY A CAGE.

Cages are designed to dissipate the energy of the implement – **they may not be able to stop it!**

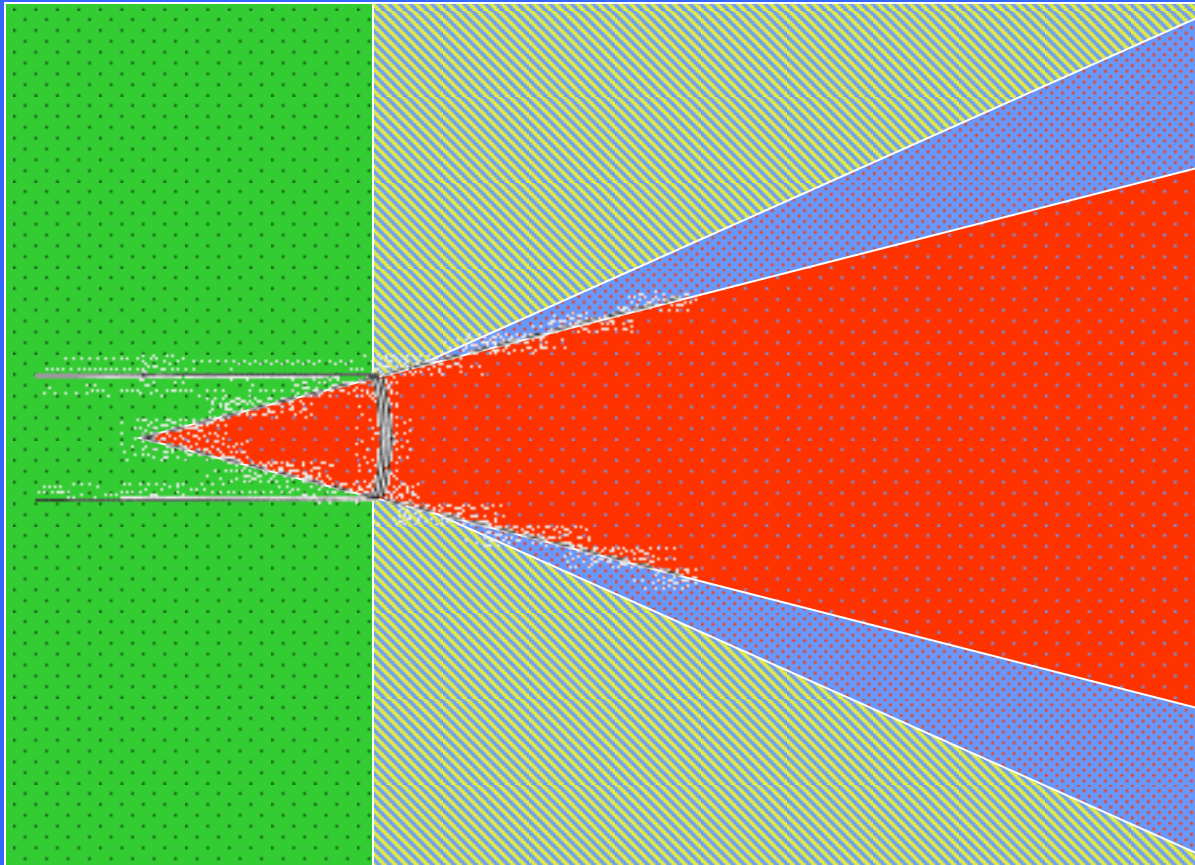
SHOT PUT Safety Zone



HAMMER / DISCUS Safety Zone



JAVELIN Safety Zone



Tips for Conducting Safe Competitions



- Limit access to jumps and throws areas
- Provide adequate time for warm-up, prior to (30 min.) and between flights (10 min.)
- Closely supervise all warm-up activities
- Use calls, rules and assertive leadership
- Weather – Broom, Towel, Doormat
- Adjacent events – Track, Jumps
- Check barriers; Flag sector

Tips for Conducting Safe Competitions



- Practice throws within sectors only
- Control access to implements (impound)
- Check implements for damage and for weights&measures ‘mark of the day’
- Walk all implements back, no tossing
- Retrieve on ONE SIDE – communicate which

Implements Inspection

All throwing implements should be weighed and measured prior to the competition



← Know the mark of the day!

Conducting the Competition

- Definitions

- Trial
 - An attempt in a throwing event
- Flight
 - A round of trials for a group of competitors
- Qualify
 - Earn the right to be finals
- Foul
 - An attempt counted as a trial but not measured because of a rule violation

Conducting the Competition

- Event Order

- Check in
 - Implements, Athletes
- Plan flights and athlete order
- Warm up
- Calls**: “Up”, “On deck”, “On hold”
- Time limit – 1min*
 - yellow flag @ 15sec to go

*Limit is 2min for consecutive throws

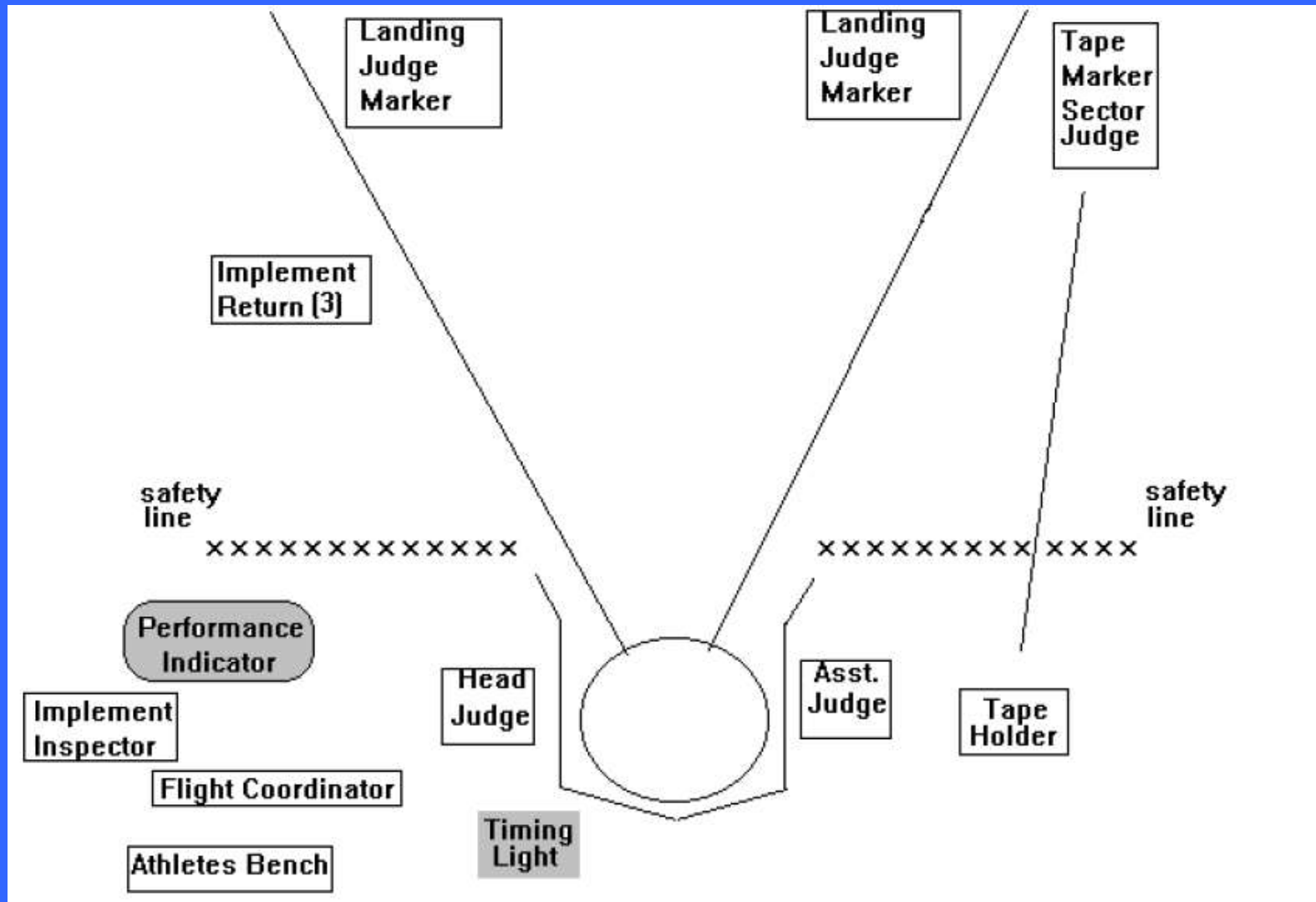
** Head judge is often the flight coordinator and the recorder

Rules - Conducting the Competition

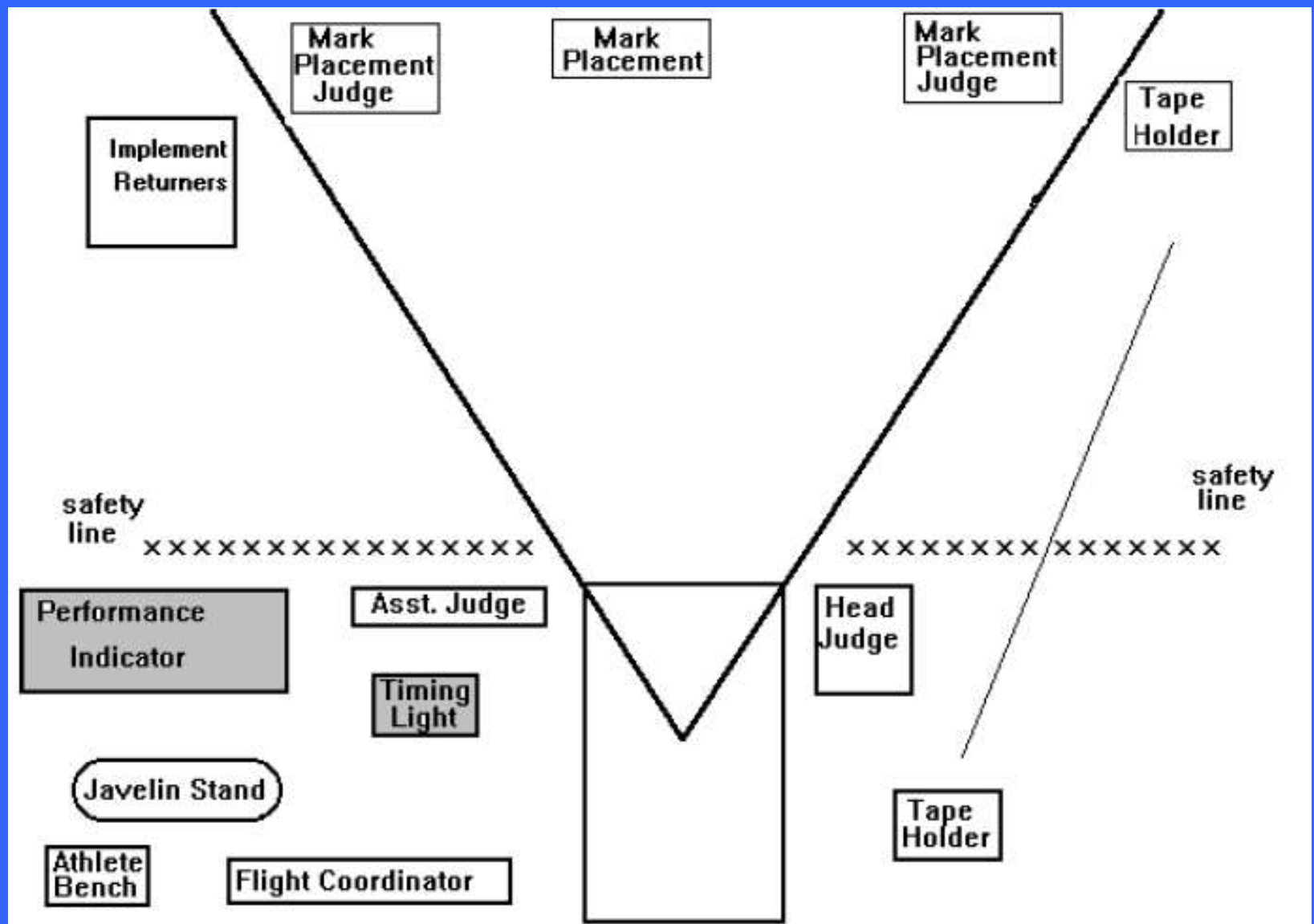
- Event Order

<u>GOVERNING BODY</u>	<u>USATF</u>	<u>NCAA</u>	<u>NFHS</u>
OUT OF ORDER FOR MULTIPLE ENTERED	By round at a time	Only in prelim, not finals	OK both prelim & finals
LATE ARRIVAL AFTER COMPETITION STARTS	Take remaining trials - if entered	Can't compete	Can't compete
USE FLIGHTS IN PRELIMS.	Yes if > 15 throwers	Yes if > 16 throwers	Yes
NUMBER TO FINALS	8/9	Scoring places + 1	Scoring places + 1
FINALS ORDER	Reverse of perform. in trials	Reverse of perform in trials	Reverse of perform in trials
<u>NUMBER OF THROWS</u>			
MORE THAN 8/9 IN COMPET	3 prelims; 3 finals	3 prelims; 3 finals Games committee 4 throws	3 prelims; 3 finals
8/9 OR FEWER IN COMPET.	6 - finals	6 - finals (only if 1 valid prelim throw)	3 prelims, 3 finals/4 finals
<u>GOVERNING BODY</u>	<u>USATF</u>	<u>NCAA</u>	<u>NFHS</u>
<u>TIME RULES</u>			
2 OR MORE THROWERS	1 Min	1 Min	1 Min
CONSECUTIVE THROWS	2 Min	1 Min	1 Min
TIME EXPIRATION WARNING METHOD	Clock and hold up yellow flag w/15 seconds left, at end drop flag, verbal	Clock, or hold up yellow flag w/15 seconds left	Not addressed

Shot Put, Discus and Hammer Officiating Positions



Javelin Officiating Positions

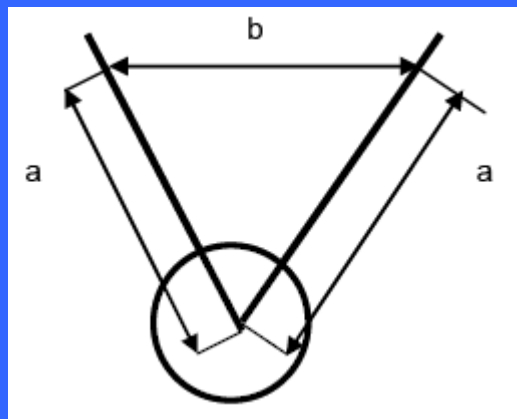


Measuring Arcs

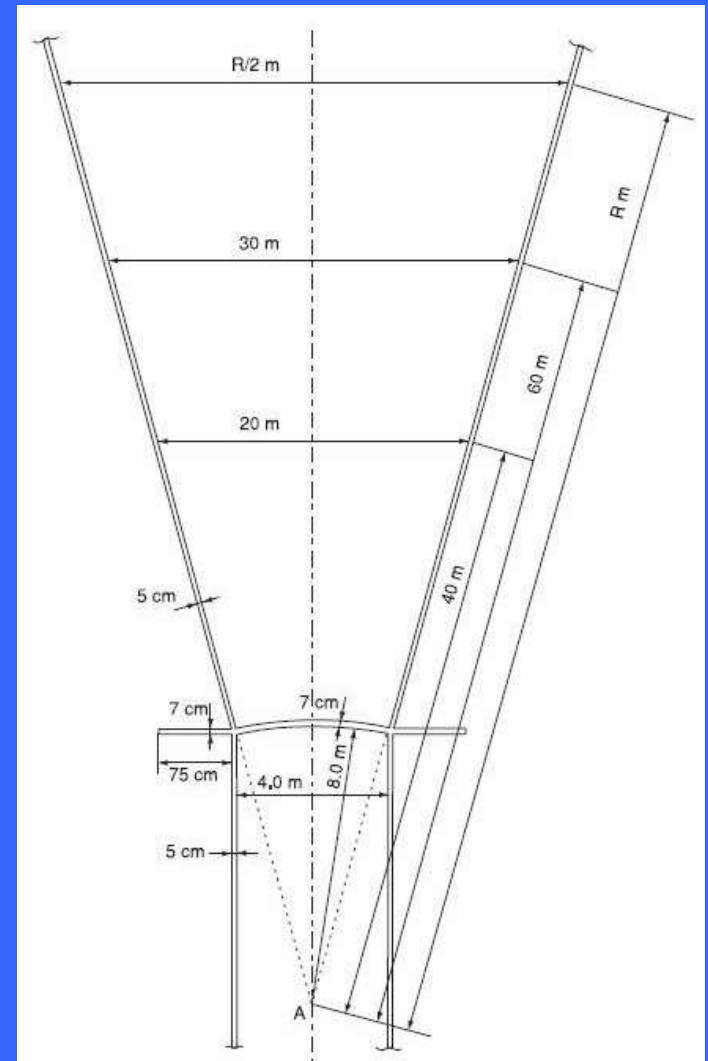
Event	Currently
Shot	34.92°
Discus	34.92°
Hammer/Weight	34.92°
Javelin	28.95°

Sector	Event	Jurisdiction	Formula
28.95°	Javelin	All Currently	$b=0.5*a=a/2$
34.92°	All but Javelin	All Currently	$b=0.6*a$

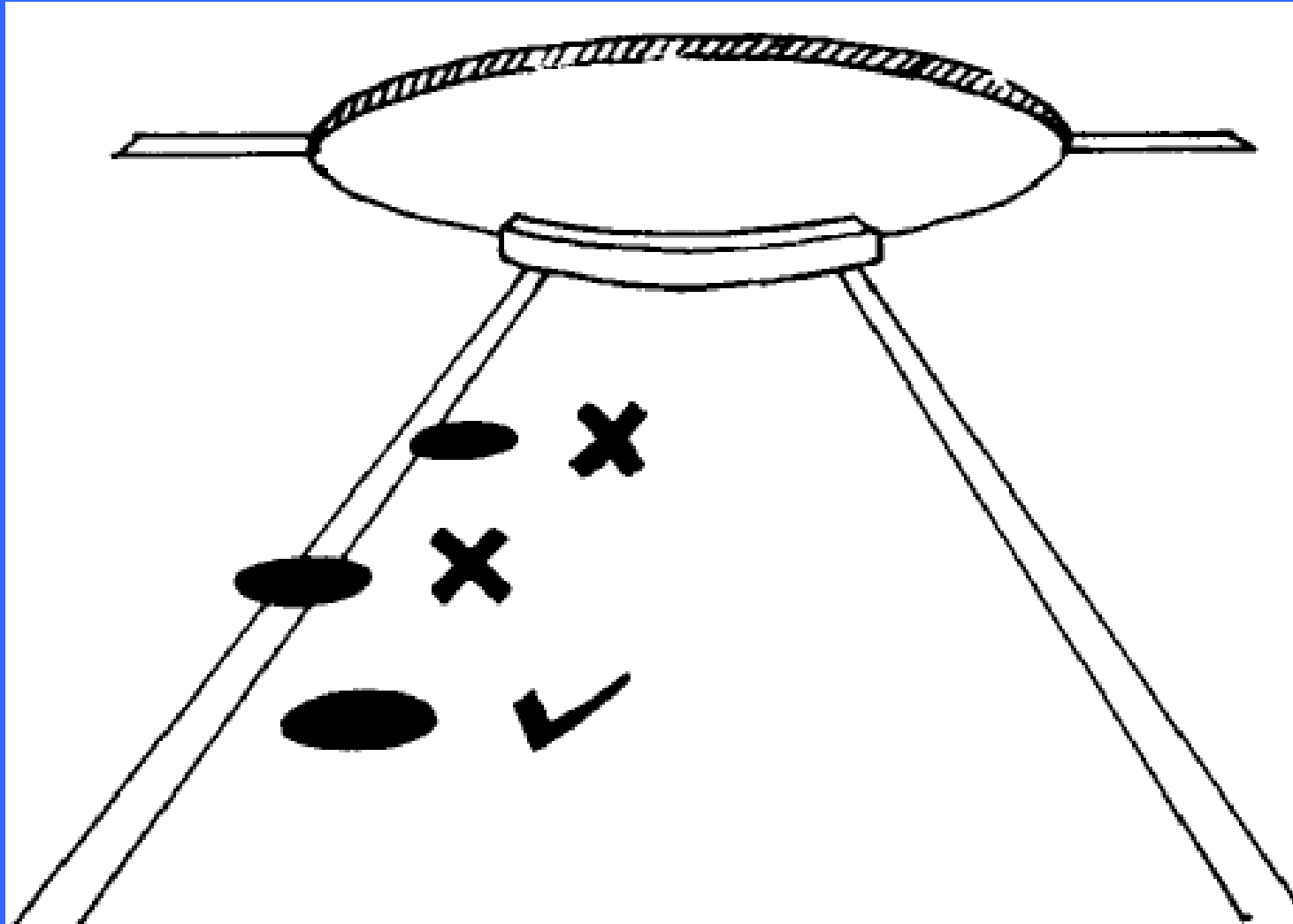
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Sector - Fair/Foul





- Must start from a stationary position
- Stay in the circle till the implement lands
- Must leave from back half of the circle
- Not a foul if body part swings out side the circle but does not touch the ground outside

Foul – Throwing form



Put from the shoulder with one hand
Shot can't drop below shoulder



Held at the grip with one hand only
Thrown over the shoulder
Not slung, hurled or thrown side-armed
Last contact must be the grip
No rotations!



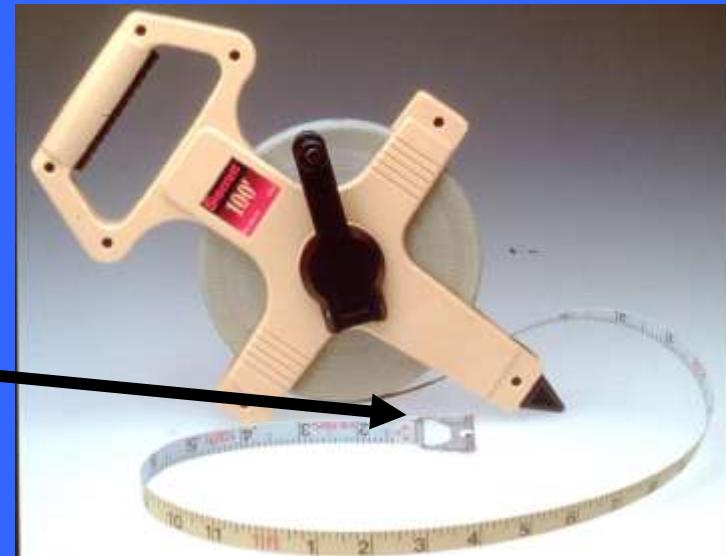
Thrown with both hands
Hammer hitting in or out of ring OK

Rules comparison - Fouls

<u>GOVERNING BODY</u>	<u>USATF</u>	<u>NCAA</u>	<u>NFHS</u>
ELECTRONIC DEVICES	Not allowed	Not allowed	No communic. device or viewing of video
SUBSTANCE ON HANDS	OK (Ham & Wt-on gloves)	OK	Not addressed
SUBSTANCE ON IMPLEMENT	Shot & Discus	SP, DT, JT - chalk only	Not addressed
GLOVES	Ham&Wt only-fingers open	Ham&Wt only-fingers open	No (Ham not addressed)
TAPE ON HANDS/FINGERS	No 2 fingers taped together	No (OK for open wound)	No (OK for open wound)
MARKS ADJACENT TO CIRCLE	1 temp marker for own throw	1 temp marker for own throw	Not addressed
IMPLEMENT HITS CAGE, LANDS IN	Fair	Fair	Foul
LEAVING CIRCLE AFTER THROW	After implement lands, from back half of circle	After implement lands, from back half of circle	After implement lands & official calls "Mark," from back half of circle
INTERRPT THROW, LEAVE CIRCLE	OK	Not addressed	Not addressed
<u>GOVERNING BODY</u>	<u>USATF</u>	<u>NCAA</u>	<u>NFHS</u>
TOUCH RUNWAY LINES	Foul	Foul	Foul
JAVELIN MUST LAND	Tip first	Tip first	Any part
LEAVE RUNWAY AFTER THROW	After implement lands, from behind arc extended lines	After implement lands, from behind arc ext'd lines	After implement lands & official calls Mark, from behind foul line arc & ext'd lines
MARKS ON RUNWAY	1 or 2 markers; no chalk/indelible marks	1 or 2 markers, 7x15cm max; no shoes	Allowed

Marking, Measuring

- Mark closest to scratch line
- Round down to nearest cm (or ¼" H.S.)
- Tape
 - Pull through arc center
 - No twists or slacks
 - Watch tape zero



Shot Put, Discus and Hammer measurement

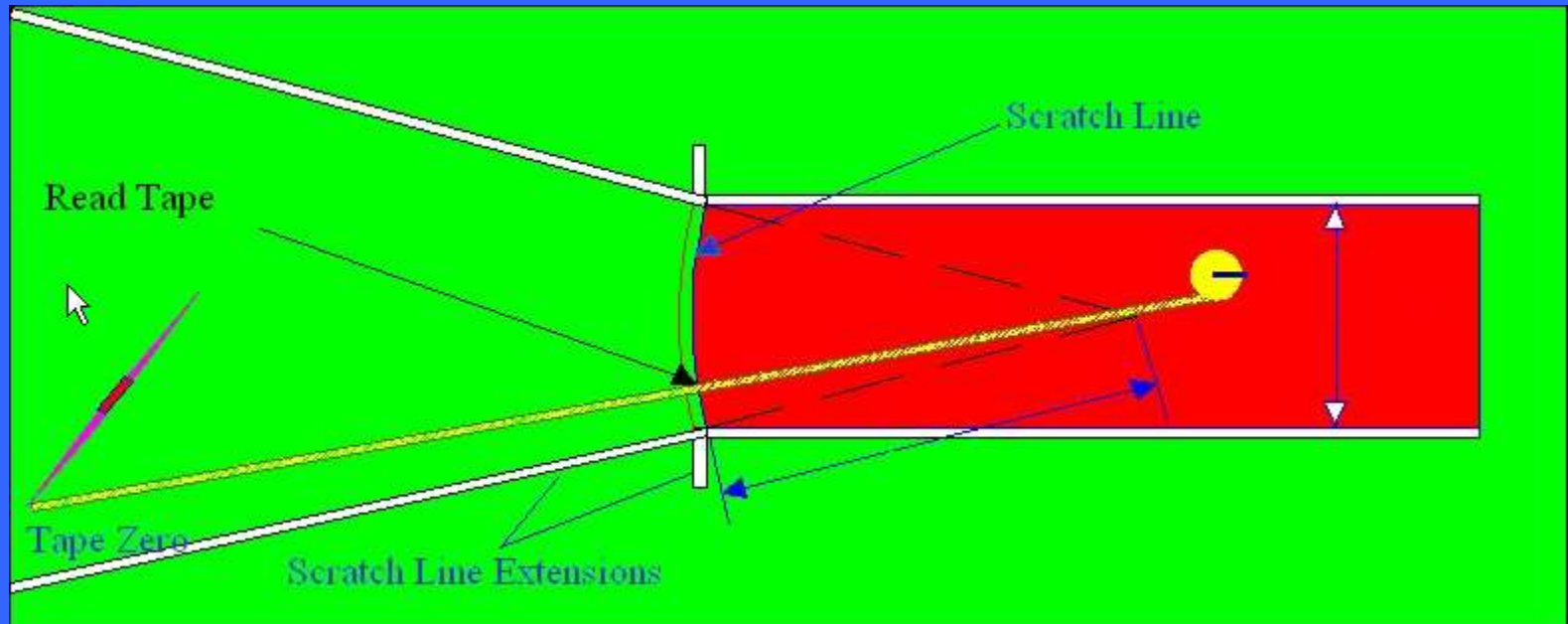


Qualifying
distance
marker



Use Pegs for
multiple marks

Javelin fouls, measurement



Watch for flats perpendicular view from outside the sector

Youth – Javelin & Turbo – flats allowed

Electronic Distance Measurement



- Laser
 - Point laser stick mirror towards the head end
 - Hold stick stable
 - Don't push stick hard in ground

Recording, Ranking - Prelims



Event: Discus

Meet: USATF vs Officials

Div.: Female/ 17-18

Place: Clinic

CLUB	COMPETITOR	NO.	DISTANCE METERS	DISTANCE METERS	DISTANCE METERS	PLACE	ORDER
USATF	A	1	35.53	34.30	36.48	10	
OFF.	B	2	36.48	32.12	34.42	11	
USATF	C	3	37.24	38.24	38.20	5	5
OFF.	D	4	22.36	24.52	23.64	13	
USATF	E	5	40.10	39.26	40.50	2	8
OFF.	F	6	39.32	39.36	38.00	4	6
OFF.	G	7	40.10	40.50	40.20	1	9
OFF.	H	8	38.32	39.32	39.36	3	7
OFF.	I	9	36.48	37.54	37.00	6	4
OFF.	J	10	32.10	33.16	34.18	12	
OFF.	K	11	35.44	36.20	37.50	8	2
OFF.	L	12	36.46	37.50	35.56	7	3
USATF	M	13	37.50	34.70	36.20	9	1

Recording, Ranking - Finals



Event: Discus

Meet: USATF vs Officials

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CLUB	COMPETITOR	NO.	DISTANCE METERS	DISTANCE METERS	DISTANCE METERS	PLACE	DISTANCE METERS	DISTANCE METERS	DISTANCE METERS	PLACE
USATF	A	1	35.53	34.30	36.48	10				10
OFF.	B	2	36.48	32.12	34.42	11				11
USATF	C	3	37.24	38.24	38.20	5	F	39.00	38.16	6
OFF.	D	4	22.36	24.52	23.64	13				13
USATF	E	5	40.10	39.26	40.50	2	41.00	F	41.02	1
OFF.	F	6	39.32	39.36	38.00	4	37.16	38.34	38.16	4
OFF.	G	7	40.10	40.50	40.20	1	41.02	F	F	2
OFF.	H	8	38.32	39.32	39.36	3	40.06	39.48	39.00	3
OFF.	I	9	36.48	37.54	37.00	6	38.00	36.54	39.02	5
OFF.	J	10	32.10	33.16	34.18	12				12
OFF.	K	11	35.44	36.20	37.50	8	F	F	35.00	9
OFF.	L	12	36.46	37.50	35.56	7	38.00	38.12	F	7
USATF	M	13	37.50	34.70	36.20	9	F	35.10	36.22	8

Recap – Let's go to field



- Think and practice safety
 - in warm-ups and competition
- Respect
 - Athlete-centered
 - Follow rules
 - Fellow officials

Next action

- Visit these web resources frequently
 - <http://www.pausatf.org/>
 - officials
 - <http://www.usatf.org/>
 - resources for officials - best practices
- Sign up for helping at various meets
 - Review rules prior to competition
 - Respect for others
 - Be firm, fair and in control

IMPLEMENT INSPECTION

- **Javelin**
 - Loose or non-secured grip cord
 - Loose point
 - Cracked shaft
- **Shot put**
 - “Burrs” or other protrusions from the shot surface
 - Loose core plugs (indoor)
 - Cracked shells (indoor)
- **Discus**
 - “Burrs” or other protrusions from the rim surface
 - Loose core plugs
 - Loose body plates
 - Cracked body plates
- **Hammer**
 - Cracked wires
 - Thin swivel attachments
 - Loose core plugs
 - Wires that are not secured
 - Cracked or damaged handles
- **#35 Weight**
 - Cracked handles
 - Cracked shells
 - Thin swivel attachments
 - Loose core plugs
 - Bag straps that are frayed or broken

