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# OFFICIAL BULLETIN



## 2nd WORLD INDOOR TARGET CHAMPIONSHIPS



**FITA**

Fédération  
Internationale  
de Tir à l'Arc

International  
Archery  
Federation

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# How To TUNE FOR TOP PERFORMANCE.

*Olympic Gold Medalist Jay Barrs discusses his techniques for rough and fine tuning, along with his choice of arrow shafts.*

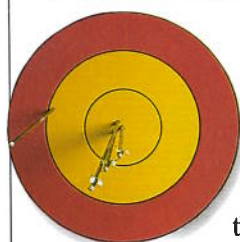
## HOW ACCURATE IS THE BARE SHAFT TECHNIQUE?

Although tuning your bow with the bare shaft technique is satisfactory, I consider it only a rough tune. For the most forgiving tune, here's what I recommend.

At 18 meters, shoot three fletched arrows to get a grouping. Then shoot a bare shaft.

Without fletching, a bare shaft's impact, relative to the fletched arrows, will show exactly how the bow is affecting an arrow's flight.

If the bare shaft is below the group, lower the nocking point. If it's above, raise the nocking point until the bare shaft falls in the group.



*Typical bare shaft grouping.*

Now let's adjust plunger spring tension. For right-handers: If the bare shaft is to the left, weaken the plunger spring tension (photo). If the bare shaft is to the right, stiffen. (Left-handers reverse the process.)

## HOW ABOUT FINE TUNING?

Now move out to 70 or 90 meters and shoot six 6-arrow ends. Chart them on a small target face. Add one-half turn of tension to the plunger and shoot six more ends, charting them on a separate target.



*Jay Barrs was the 1987 Pan-Am Champion, and the 1988 National Champion in Field, Target and Indoor.*

Keep shooting and adding half-turns of tension. Stop when you notice the groups begin to spread out. Now return the spring tension to where you started (after the bare shaft tuning), and loosen the tension one-half turn at a time. Review all your charts. You'll find that one tension setting groups the best. That's where you set the plunger tension.

## SHOULD I RECHECK MY TUNE?

Yes, once your nocking point and plunger are set, go back to 18 meters and repeat the bare shaft test. Most archers

find the bare shaft will not be in the group any more. This is because your fine tuning has found a more forgiving setup. Notice where the bare shaft is in relation to the group. If you ever need to tune your bow quickly, adjust the nocking point and plunger tension so the bare shaft hits in the same location.

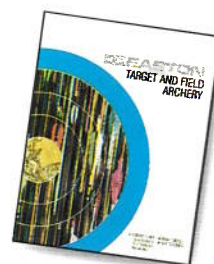
It's a long process, but unless you change your setup, you only have to do it once.

## WHAT SHAFTS DO YOU USE?

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## CONTENTS

Page 3:  
EDITORIAL

Page 4:  
IN MEMORIAM ROBERT SIMON  
AND KNUD ERIC PEDERSEN

Page 5:  
Extraordinary FITA CONGRESS  
FITA Council Meeting - Perpignan  
CMC

Page 6:  
Extraordinary EMAU CONGRESS  
Technical Meeting - Rome (I T A)  
NEWS.....  
100.000 \$ International Match  
Archery Round, Tucson (USA)

Pages 7 - 11:  
2nd WORLD INDOOR TARGET  
CHAMPIONSHIPS, Perpignan (FRA)

Page 12:  
KOREA'S GOLD MEDALS - WHY?

Page 13:  
IX Italian SKI-ARC Championships,  
Paluzza (I T A)  
SKI-ARC in the USA

Page 14:  
CALENDAR  
First "Caribbean Arrows",  
Havana (CUB)

Page 17:  
FITA RANKING LIST  
Appointment of FITA Judges and  
FITA Technical Delegates

Page 18:  
Correlation Between Archery  
Competition and Mental Status

### FRONT COVER PHOTOS

1. *Members of the FITA Council during the FITA Extraordinary Congress in Perpignan (FRA)*
2. *James L. Easton, FITA President declares the 2nd World Indoor Target Championships closed*
3. *Award Ceremony for Women's Compound: 1. Inga Low, 2. G. Doran, 3. H. Joignier awarded by François De Massary*
4. *Award Ceremony for Men's Compound: 1. K. Ethridge, 2. P. Lassew, 3. D. Wilde awarded by Donald M. Lovo*

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## EDITORIAL

by James L. Easton, FITA President

Archery is still enjoying the excellent exposure we received at the Olympic Games at Barcelona. Archery interest has increased in many countries with the French Archery Federation increasing its membership by nearly 6,000 members. Antonio Rebollo visited Salt Lake City, Utah, in Los Angeles and San Francisco, California, in Las Vegas, Nevada and in Atlanta, Georgia in the United States where he attended press conferences and had television appearances. Everywhere Antonio went his charm and fame drew the admiration and interest of the press, television and the public. During his appearance at the Las Vegas Archery Tournament, he was kept very busy signing posters commemorating his world famous shot to light the Olympic Flame.

Nevertheless, we must still work diligently towards convincing the IOC Program Commission and the IOC Executive Committee that archery deserves to continue in the Summer Olympic Games. Although we are extremely encouraged by the success we had in Barcelona with our new Olympic Round format, we must not become complacent and must carry on our work to help more countries become members of FITA and be active in international competition.

I am very satisfied with the first results of our "Adopt-a-Country Program". The United States National Archery Association, under the leadership of Don Marcure, its President, conducted a visit to Trinidad and Tobago, to give them archery instruction and to help them develop their association so they could apply for membership in FITA. We were very pleased when FITA accepted their membership. We have gained four new countries in addition to the eight new members from the division of the USSR into separate countries. We would like to welcome all these new members to FITA.

FITA would like to encourage more Member Associations to visit countries that can have their archery programs improved by coaching courses and organization information. If these countries are not presently members of FITA, this assistance will put them in a good position to join FITA and become involved in international archery competition. I encourage our Member Associations to contact me if they are interested in organizing a FITA sponsored and financed mission to nonmember countries.

The results of the 2nd World Indoor Championships are published in this Bulletin. The tournament was a success and I congratulate our four new champions, the other medal winners and all the archers. Also, I would like to thank the Organizing Committee in Perpignan, the Judges and Officials, who made this tournament successful. FITA also congratulates the new world record holders: Magnus Pettersson (SWE) Free Style 593 points and Dee Wilde (USA) Compound 595 points, both at 25 meters. We were pleased to see a good representation of top compound bow shooters competing and are happy to see FITA representing both the recurve and compound archers worldwide.

Note: I would like to remind the organizers of all FITA sanctioned tournaments that only *official FITA tournament target faces* may be used if a tournament is to qualify for FITA Star awards, world records or championship titles. There are three FITA licensed printers for the official faces, Maple Leaf in the USA, Bjorn Bengston in Sweden and Jan Van Drunen Bogecentrum in the Netherlands.

As the international sports federation representing archery in the world, it is very important for FITA's continued strength and success that it represent all archers worldwide. Compound shooters are growing very rapidly in Europe and are the majority in North America and Australia. FITA welcomes compound shooters into our FITA competition. We would like to have both styles of archery shooting the same round on the same target face. However, to recognize the greater inherent accuracy of a compound bow shot with a mechanical release, FITA has developed an inner-10 ring target which will take the compound scores a little further away from the close-to-perfect scores that could be possible with a compound bow.

There was an Extraordinary Session of Congress called for our Member Associations in Perpignan. The only item discussed and voted on during this very short Extraordinary Congress was whether our 1993 World Outdoor Archery Championships would shoot the same Olympic Round shot in Barcelona. The Olympic Round shot in Barcelona was so well accepted by archers and officials that the request was made to FITA Council that it be used in Turkey as well. Because of our Constitution, the change required a vote from Congress. There were 51 members represented and the vote was 50 for and 1 against using the Olympic Round in Antalya, Turkey. We are pleased that the organizers in Antalya have agreed to use the exact Olympic Round format as used in Barcelona.

The day after the World Championships ended, there was a lengthy Council meeting wherein FITA covered many topics, including motions to be presented by Council to our Congress in Turkey. Some of the major points to be recommended by Council to the Congress are 1) A compound bow division will be recommended as part of our World Championships for 1995 and beyond. 2) Qualification portion of the Olympic Round as used in our World Championships will be 60 arrows at 70 meters.

3) The Indoor Competition will be patterned more closely after the format of the Olympic Round. Also, the qualification will be only 60 arrows, compounds and recurves will shoot all their arrows at 18 m., all targets will be 40 cm., 3 spot targets and compounds will score with the inner-10 ring. In addition, Council approved the qualification plan for participation in the 1996 Olympic Games. This plan was worked out over the period of the last 9 months with the FITA Executive Committee and the IOC Sports Director. It was recently approved by the IOC Executive Committee and will be in effect for the 1996 Olympic Games. Copies of the Qualification Procedure will be sent to all Member Associations. The IOC requested that Sports Federations present a plan to qualify a set number of athletes. Archery has been requested to limit the number of athletes in future Olympics to 128. FITA felt it was important to cooperate with this reduction in total numbers of athletes in order to allow new and deserving sports to enter the Summer Olympic Games without removing existing sports.

We closed the 1992 year as one of the most successful years for FITA and are cautiously optimistic that we are on the right path to continue to be an Olympic Gold Medal sport. I hope to see all of you in Antalya in September.



Donald M. Lovo



**FITA AND IT'S JUDGES  
MOURN THE UNTIMELY  
DEATH OF TWO OF OUR  
VETERAN JUDGES**

**ROBERT SIMON  
KNUD ERIC PEDERSEN**



*Robert and Knud Erik were two of the mainstays of Archery in their own Member Associations as well as FITA for over two decades. Their support of FITA and all it represents was unfailing throughout their careers, and they will be sorely missed.*

*Robert Simon was on the Judge Committee that interviewed me for Judge candidacy in 1967. He was a V/P for years and served on many World Judge Committees. Bob was always a warm and wonderful friend to every one, he really enjoyed life and it's people.*

*Knud Erik Pedersen was a respected, strong and unswerving Judge who had the honour of serving on two Olympic Games Judge Committees - Munich in 1972, and Seoul in 1988 where he acted as Chairman. His sensible approach to all matters was helpful to me in this committee many times.*

*They, each in their own right, were clear-thinking officers and builders of FITA and my good friends. Their death in 1992 was a great loss. They will remain in my heart and memory as long as I live.*



**FITA thanks our associate members  
for their support of our development programs.**

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## EXTRAORDINARY CONGRESS FITA, Perpignan (FRA), March 6th, 1993

### FITA COUNCIL MEETING, Perpignan (FRA), March 8th, 1993

At the Extraordinary Congress in Perpignan 51 Member Associations were present. The proposition of shooting the Olympic Round at FITA Outdoor World Target Championships was accepted by the majority.

The FITA Council Meeting held in Perpignan was very productive.

The Agenda was approved with the addition of 7 new Points.

- A deep discussion on possible motions concerning the Olympic Round was held.

Final decisions will be taken in relation to the number of events and days of tournament which will be included in the Olympic Program.

- The system which will be used for the qualification of archers at the 1996 Olympic Games was approved, and it will be published immediately after the approval by the IOC.

- Motions for the next Congress to be presented by FITA Council or Committees were discussed. The motions will include modifications to FITA Constitution, Eligibility and Shooting rules.

- The FITA Budget for 1992 was examined and discussed. The Budget for the organization of a Technical Seminar will be required from the Olympic Solidarity of the IOC.

- Council decided to delegate the Executive Committee to deal with all matters concerning the 1993 World Games.

- A report on SKI-ARC activity was presented. The Ski-Arc Ad Hoc Work group illustrated Council the suggested modifications to the Ski-Arc Rules.

- Council suggests that the Masters Division, where existing, includes archers above 50 years of age.

- The FITA President Jim Easton informed the Council about the meeting held with the President of IOC H.E. Juan Antonio Samaranch.

- The President and Council Members Steve Lieberman and Leif Janson will present a document on FITA future aims and duties to the next Council Meeting which will be held in September 1993, in Antalya (TUR).

## CMC

by **Leif Janson**, FITA Council Member  
Chairman Ad Hoc Committee for Marketing and Communication

Archery had a well organized marketing during the 1992 Olympic Games. The New Olympic Final Round was televised live for the first time. Archery has taken an important step in showing the excitement of our sport.

CMC is working on an international media address list. We already have some addresses of important media. But we need more of them. Please send to FITA the addresses you think that might be important. We hope to communicate with these media by sending press releases and other information from FITA.

The International Ranking System that is in use now is only based on the best scores obtained by an archer at a FITA World Record Tournament. In the future we maybe have to switch to another system, maybe parallel with the present one. The new system should be based on each archer's ranking at tournaments in addition with the name of the competitor who was defeated. Already at the next Olympics we might have to rank all participants.

We are also glad to report that we have more Associate Members this year. It is important to have sponsors also supporting FITA. The money we would receive will be used for marketing of archery all over the world. FITA must have development programs for new nations etc.

What will happen to the FITA Outdoor Round in the future? Will there be any qualification round in the Championships or Games? There will probably not be any official qualification rounds at the Olympics. IOC intends to have all events as exciting as possible. Maybe we have to rank our archers before the Games.

Is it adequate to have different systems for OG and World Championships? Or is it better to have the same? There would be fewer problems for both, archers and spectators to have the same system. If we promote archery to people, our sport has to be as simple to understand as possible. An important task for FITA is to simplify the rules.

Is it suitable for archery to spend 7 - 8 hours to complete a FITA round? There are many archers who have stopped to compete because of the length of time. Today people do not want to spend a lot of time on sport. The rounds are also very difficult for less skilled archers.

o make our sport more popular we have to adapt it in such a way that it would be easy to start practicing, easy to take part in tournaments, easy to organize, and exciting for both, an archer and a spectator. The next step to reach that goal will be to change the FITA Round. The Finals are shot from a distance of 70 meters. Is it necessary to shoot from four distances (three of which are even excluded from the finals) to get a qualified archer? Does it make any sense?

Last year during the European Championships in Malta there were many discussion, how to organize FITA World and Regional Championships in future? The majority of teamcaptains wanted to make the rounds shorter e.g. 60 arrows from 70 meters and Final Rounds for both, teams and individuals, in the course of three days.

The present World Championships program is rather difficult. It doesn't offer enough time for other activities or relaxation. We have to get up at 6 in the morning. After breakfast transportation to the tournament place. Shooting for at least 7 hours (lunch included). Transportation back and late dinner 8-9 pm. And the same programme continuous for six days! The Opening Ceremony and Reception are included in the same timetable with practicing days.

It is also difficult to get the results during the tournaments, as the organization seems to be very complicated. Sometimes we also get the results very late at night, too late to have any information printed in domestic media.

FITA has to undertake a few very important steps in order to rise our sport to the level which archery deserves. The next Congress in Antalya will show the way which Member Associations are going to choose. If our desire is that many people would enjoy the beauty and excitement that archery can offer, then we have to cooperate, and consequently simplify the shooting rules.



### FITA COUNCIL MEMBERS

President:

**James L. Easton**

(USA, 1989 - 1993)

First Vice-President:

**Donald M. Lovo**

(CAN, 1991 - 1995)

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**François De Massary**

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**Giovanni Mangino**

(ITA, 1989 - 1993)



**Stan Patterson O.B.E.**

*FITA is very pleased to announce that Stan Patterson, Vice-President of FITA had the honour of being awarded the O.B.E. (an Officer of the Order of the British Empire) by Her Majesty the Queen for the service rendered to the Sports of Archery. Congratulations !!!!*



## EXTRAORDINARY CONGRESS EMAU, Perpignan (FRA), March 5th, 1993

The Extraordinary Congress of EMAU, the European and Mediterranean Archery Union, which includes all European Archery Federations, under the chairmanship of Gino Mattielli was held during the 2nd World Indoor Target Championships on March 5th, 1993 in Perpignan (FRA). Representatives from 24 nations participated at this Congress, accepting unanimously the new proposal of the motion for the Constitutional Rules and for the FITA's recognition of EMAU. In a very short time period, as the result of Mattielli's election for the President of the EMAU, the cohesion and unity between different Archery Associations have been established.

It is expected, according to the motions approved at this Congress in Perpignan, that the EMAU will be official recognized by FITA at the next Congress in Antalya, Turkey, on September 13-14, 1993. The recognition of this restored European body will enable better solution of all problems at the Old Continent in close connection and according to the goals of FITA.

### 1993 WORLD GAMES IN THE HAGUE

With the date of the World Games - 22 July - 1 August - approaching fast, the activities of the organizing committee are in full swing.

Mr. P. Smits, acting general managing director of PTT Telecom, has been appointed a Chairman of the World Games Foundation.

April 7th, 1993 was a deadline for the inscription, and now we are able to inform you that 89 participants and 35 officials will be present at the World Games 1993 in The Hague, from the following N.A.A.: Austria, Belgium, Canada, Costa Rica, Croatia, Czechoslovakia, Denmark, France, Germany, Great Britain, Hungary, Italy, Netherlands, Norway, Slovenia, Sweden and Switzerland.



Raoul Theeuwes' (BEL) discussion at the EMAU Congress in Perpignan. Chairman's Table (l - r): Monica Warnhjelm (FIN), Gino Mattielli (ITA), President of EMAU, French interpreter and Henrik Larsen (DEN)

## NEWS....

The N.A.A. of the Republic San Marino at the occasion of the EMAU Congress proposed the motion to inform all Members of EMAU about the "Games of the Small European Countries".

The aim of this motion is to obtain the support of EMAU, to intercede with FITA and interest the Olympics Committee, to introduce archery in the Games of the Small European Countries: Andorra, Cyprus, Iceland, Liechtenstein, Malta, Luxembourg and San Marino.

- o o o -

PARALYMPIC 1992, Barcelona - The biggest success of the Italian archers at Paralympic 1992 were two Gold medals, one Silver and one Bronze. On the second post were Germany and Japan followed by Korea and Denmark. Paola Fantato (ITA) and Orazio Pizzorni (ITA) are Paralympic Champions.

At archery tournament which was held from 6 - 10 September, 1992 on the ground of Val d'Hebron 73 men and 21 women archers were present representing 26 countries. Famous Antonio Rebollo (ESP) had to be content only with Silver Team Medal, but he won much more of the Gold Medal during the Olympic Opening Ceremony with Flaming Arrow which was the biggest promotion for the disabled sport.

- o o o -

BEAU GESTE! FITA Secretary General has received a very nice Season Greetings from Björn Bengtson (SWE) which stated: "I will send you separately some posters printed at Cartorama Nordica. Despite the recession we have had a good year (with a hell of work - no idle time), especially with the geographical maps. I believe a large size archery poster ("door size") could be very useful for FITA promotional work. We would do this at no cost for FITA (say 3,000 copies) without any request for hard advertising. A very modest note that we have sponsored the printing will be adequate. Wishing you and the FITA staff all the best for 1993!" THANKS BJÖRN!

- o o o -

JUDGE SEMINAR, Cyprus - The International Judge Seminar conducted in Cyprus, February 27 and 28, was a great success. Although it was organized on a very short notice, after a request from Hungary and Cyprus, it was well attended by qualified candidates. Thirteen individuals attended this Seminar coming from the Member Associations of Austria, Cyprus, Great Britain, Hungary and Russia.

The following new Judge Candidates have been named:

|                      |                      |                  |
|----------------------|----------------------|------------------|
| Petros Petrou (CYP)  | Derrick Lovell (GBR) | Bela Barcy (HUN) |
| Nicos Savvides (CYP) | Neil Dimmock (GBR)   | Aka Barcy (HUN)  |

## EMAU TECHNICAL MEETING Roma (ITA), October 23-24, 1992

Nikola Skoric, FITA Vice-President

"FITARCO" - the Italian Archery Association organized a very successful meeting for the national team coaches and the European archery experts in the Olympic school CONI in Rome, Italy.

Gino Mattielli, the President of the FITARCO and EMAU President opened the meeting. Yuri Shilovsky (RUS), Alexandre Shevolov (RUS), Haakon Hasselgaard (NOR), Henrik Brand (DEN), Michael Nayrole (FRA), Martine Drach (FRA), Ilan Nakash (ISR), Alex Lachter (ISR), Renier Groenendyk (NED), Carlos Manuel Silva Roque Dos Reis (POR), Felicity Wright (GBR), Martin Speakman (GBR), Bela Barsy (HUN), Mrs. Barsy (HUN), Savvas Savva (CYP), John Schembri (MAL), John Collins (MAL), Peter Lous (MAL), Nikola Skoric (CRO) and 15 coaches coming from various Italian regions were present.

The following lectures, followed by very interesting discussions, were given on Friday, 23rd of October:

"Efforts of FITA in Making Archery More Interesting for Competitors, Spectators and Mass-Media", by Nikola Skoric, FITA Vice-President

"Equipment and N.O.R." by Gianni Rocco, Italian Team Coach -

"Psychological Preparations for N.O.R.", by Dr. Enrico Agosti -

"The Figure of the Coach in the Light of the N.O.R.", Sebastiano Marrone, Italian Team Coach

On Saturday, October 24th, the following lectures were given:

Mechanical-muscular Parametres of the Archer", by Marco Evangelista, National Technical Expert -

"Selection Methods for New Archery Talents" by Sante Spigarelli -

"Aspects of Approach and Attitude within High Level Performance in Archery", by Henrik Brandt, National Denmark Coach -

"Practice and N.O.R.", by Antonio Aita, Italian National Technical Chief

G. Mattielli, the meeting organizer, gave the Closing Speech and invited all the participants to a beautiful banquet.

The meeting was very successful, as we could only wish, hoping that the future ones will be organized in the same manner.

## \$100,000 INTERNATIONAL MATCH-ARCHERY ROUND

by Pete Shepley (USA), PSE President

The first shooting of the exciting new International Match Archery (IMA) Rounds will take place at the seventh annual Pete Shepley Desert Shoot-Out in Tucson, Arizona, May 7-9, 1993. And the overall high-money winner will drive home a new 4 x 4 pickup truck.

As the concept of PSE President Pete Shepley, the IMA Rounds will rank participants according to their shooting performance levels to compete against their peers. Each shooter, regardless of his or her ranking, will have an excellent chance of finishing, "in the money". Grand prize for the overall high money winner will be a new 4 x 4 pickup truck.

The IMA Ranking System is designed to equalize all levels of shooters and make equitable competition possible for all prize money. Shooters will be ranked from their past performance in NFAA competition, FITA rounds or 300 Vegas scoring. Additionally, an IMA ranking target has been formulated to be shot using specific guidelines for accurate ranking.

Sponsors of this year's Desert Shoot-Out include Precision Shooting Equipment, Gordon Plastics, Easton Aluminum, US Archer Magazine, Cavalier USA and New Archery Products.

The three separate rounds of International Match-Archery include one individual and two team shooting events. One will be held each day of the three-day Desert Shoot-Out.

Friday's Individual Accuracy Round will pay the top 25 shooters in each of three classes. Shooters ranked 7 to 10 will shoot in Class One; 4 to 6 shooters will be in Class Two; and Class Three will be comprised of shooter with 1 to 3 ranking. In this event, one arrow each will be shot at 5-inch balloon targets placed at five-yards increments from 40 to 60 yards. Following ten targets the field will be cut in half, and will continue

until winners in each class are determined.

On Friday afternoon, sponsored/manufacture four-person teams will compete for a total of \$25,000 in cash prizes, shooting the Individual Accuracy course. Teams may enter as Distributor, Pro Shop, State, Club, Manufacturer, etc. Rules from the Individual Accuracy Round will apply. Saturday's IMA round will pit two-person teams against the same 40 to 60-yard target arrangement, but with an added competitive twist. A total of five rounds will be shot, each with a different ranking total. Shooter's ranking totals may not exceed the limit of each round. For example, a 2 and a 4-ranked shooter may team-up for the "6" Round, or a 8 and a 4 for the "12" Round. Individuals may enter as many as three times in each rank/event with different partners. A total of 25 places will be paid in each rank/event, with \$1,000 paid to the first place teams.

On Sunday the Team Lightning Round will feature two-person ranked teams shooting 5-inch balloons against the clock, combining the skills of accuracy and speed. As in Saturday's round, a team's total ranking will determine which rank/event they may enter in addition to a Draw Pot and Open Event.

For the seventh consecutive year, the Desert Shoot-Out will be held on the grounds of the beautiful Tucson National Golf and Conference Resort. Airline and travel arrangements are being handled by Bon Voyage Travel, (800) 327-8111.

Don't miss your chance to compete for \$100,000 in cash prizes and a guaranteed grand prize of a 4 x 4 truck.

For complete IMA rules, entry form and IMA Qualifying Target, write International Match-Archery, P.O. Box 5487, Tucson, AZ 85703.





**MAGNUS PETTERSSON (SWE)**  
**NEW INDOOR WORLD RECORD**  
**FREE STYLE - 593 POINTS**  
 by Leif Janson

Our new young world record holder Magnus Pettersson was born on 17/6/1975 in Gothenburg (Swe). He shot 593 points at 25 meters during the Qualification round at the 2nd World Indoor Championships in Perpignan, France.

He began to shoot when he was ten. He started with indoor and target, but his main interest is field and animal target. He is a member of BK Göta Lejon in Gothenburg. As junior archer he took part in the Nordic Junior Championships in field and animal. Magnus likes to shoot in the forest, but this forthcoming year he will concentrate on Olympic archery.

He is eager to start outdoor now, to improve his best 1292 points.

Magnus has been Swedish indoor champion twice. His best result at 18 meters is 594 - Swedish record, but not the world record. That score has been shot at the trial for the World Championships. Obviously, important tournament stimulates Magnus for higher performance.

Magnus' father Stig is his coach. "Even if he is not very good in the technical aspect, he gives me a lot of important positive feedback", explains Magnus. "I like to follow my son to the tournaments. It takes time and costs me some money, but it is worth every cent. It is easy to understand when Magnus shoots good, but the most important thing is that I am glad he is involved in sport", says Magnus' father.

Magnus also likes competing during practice shooting matches against compound archers in his club. That is one way to make top preparations for tournaments. While training he shoots almost 80% on targets. He jogs two or three times a week or cycles for physical training. That keeps him in better shape for championships.

Magnus' main goal now is the Olympic Games '96 in Atlanta, USA.

Bow: STYLIST, Weight: 45p/68 inch  
 Arrow: EASTON X7 2014 indoor,  
 EASTON A/C/E 570 outdoor  
 Length: 28 3/4", Points: 100g

Feathers: ARIZONA indoor  
 Fleching: SPIN WINGS outdoor  
 Arrow nock: BJÖRN

Rest: SPIGARELLI-Magnetic  
 String: FAST FLIGHT, 18 strands  
 Serving: Nylon, spinned

Nock locator: Glued thread

Sight: ACCRA

Stabilizer: BOW PRO Swing bar  
 and Golden Rod Carbon

## 2nd WORLD INDOOR TARGET CHAMPIONSHIPS

March 5-7, 1993



### ARCHERY GAINS GREAT POPULARITY AMONG THE SPECTATORS

by Laurence Frère (FRA),  
 Member of the Communication and Marketing Committee

With a record number of 48 nations and 187 archers the 2nd World Indoor Championships was held at the packed Palais des Expositions in Perpignan, France.

There were about 10,000 spectators and a live television coverage at the French TV channel "France 3" during the four day competition. With its top results it would be remembered in the history of this sport. French Archery Association and the Organizing Committee of the World Championships, together with its president Gérard Torres did their best to make this championships successful.

On Thursday evening, the choreography of the Opening Ceremony was dedicated to Archery, leaving a very strong impression.

Next day, on Friday, the Qualifications started in the compound predicting the domination of the Americans, specially in men's division, where they, after 120 arrows won three first places with very high advantage to those following them.

In women, Glenda Doran (USA) was far in front of her opponents, but France could also be proud of its competitors. Hélène Joignier was second, beating substantially her own French record with 580 points, Sophie Cordier was fifth and Anne-Marie Bourgoïn took the thirteenth place and in this way, three French archers entered the Finals.

The Finals in Compound took place on Sunday and partially confirmed the results from the Qualifications, but not even one of the competitors who won on Friday got the medal. Glenda Doran (USA) lost in the Finals. She was beaten by her younger compatriot Inga Low. Hélène Joignier (FRA) got the Bronze Medal beating Sophie Cordier (FRA) in the shoot-off.

In men's division, Kirk Ethridge (USA) made a very good impression with his score uniformity, winning the title of the World Champion with 147 points in the first round and 149 points in the following three.



*Big Joy and Happiness in the American Team after the great success. Inga Low, Compound - Gold Medal, Dee Wilde, Compound - Bronze Medal and new world record holder with 1 point better than James Despart's old record. Kirk Ethridge, Compound - Gold Medal. \*NS*



**DEE WILDE (USA)**  
**NEW INDOOR WORLD RECORD**  
**COMPOUND - 595 POINTS**

Dee Wilde new indoor record holder is 42 years old. He lives with his wife and four children in Pocatello, Idaho, USA.

"My archery background stems from the ranks of the "Bow Hunter". I began shooting and hunting with a recurve in the early 1960's.

I didn't purchase a compound until 1982, the day before I shot my first archery competition. Because of my competitive nature I was hooked immediately. Since then I have a sport that I thoroughly love and enjoy.

I won my first Professional tournament in 1986 (Coors Silver Dollar), my rookie year. With my first national title following in 1987 (PAA National Indoor), I also started my string of Vegas ties with a perfect 900 this same year. This string lasted for four years and was ended with the change of the Vegas format. In 1989 I finally won Vegas and my second PAA title.

In June of 1989 I opened a small Pro Shop called the Wilde Arrow and in November I opened a second one in Idaho Falls, about fifty-five miles from Pocatello. I have been truly blessed since turning Pro by the sport of archery. I have been ranked number one by the PAA since 1989. I am very proud of this achievement because of the quality of competition that abounds in professional archery today.

My admiration for the people in our sport is endless.

I have met and made friends with the finest people in the world.

I set nock at zero and then use the tiller to obtain desired groups.

I try to hold the dot in the center of the bull. I believe as long as I am holding in the middle when it goes off it can't get out.

I try to practice at least four days a week but prefer more if possible. I practice as close to a tourney as possible. I open my case and put my equipment together, put up a target, shoot two ends and then score. This way I can keep track of any improvement as well as make sure my equipment is set up to travel.

Practice and more practice. With practice comes strength and confidence. With confidence comes peace of mind. I have no "coach". However, I get all the support and love a man could ask for from my wife. I have a family that means everything to me.

I am fortunate enough to have three memorable archery experiences:





1. Genadij Metrofanov (RUS)  
2. Tsung Wu (TPE)  
3. Stanislav Zabrodsky (UKR)

(Dee Wilde cont. from page 7.)

First is that my parents were able to see me finally win a major tournament in Las Vegas.

Second was being named PAA Sportsman of the Year 1989. This award came from the people of the industry and sport that mean so much to me. And now third, this new world record which is maybe the most important for me as an archer.

If you want our sport of archery to grow I have only one suggestion. Introduce a friend, young man, young lady or child to archery. Their life will be better for it and I guarantee so will yours!"

Bow: MARTIN Firecat

Recurve wood limbs indoor,

Lenght 28 1/2"

Recurve XRG Hybrid Bias

Carbon limbs outdoors

Arrow: EASTON 2413 or 2514 XX75

CAMO 28 3/4" indoor

A/C/C 318 or A/C/E 620

Carbone outdoor

Feathers: Indoor TRUE FLIGHT 4"

Fletching: Outdoor FLEX FLETCH

Nock: EASTON - 2413/2514

ARIZONA Platinock 5/16

ARIZONA - A/C/E 620 "G"

EASTON - A/C/C 318

BEITER Nock

Sights: TOXONIC PRO XLD 3000

TOXONIC - 2500

K. ETHRIDGE's 120 x Scope

SPECIAL ARCHERY

PRODUCTS - Super Scope

STANISLAWSKI - XLC Ultra

Lite Scope

Strings: Indoor "B 50" Nylon

Outdoor BROWNEL "Fast

Flight"

Serving: .21 MONOFILAMENT

Locator: Braided # 4 NYLON

Release: WILDETHING and

STANISLAWSKI II

Rest: Indoor - PACESETTER I

Outdoor - BARNER 8T

Sling: NEET

Binocular: SWAROWSKI SL - 10 x 50

Scope: BUSHNELL Trophy

Stabilizer: EASTON A/C/E UHF 34"

w/ Bliding Weights

BOMAR 36" 12oz Neutr.

## II WORLD INDOOR TARGET CHAMPIONSHIPS

March 5-7, 1993

Perpignan (FRA)

President:

Paul Paulsen (NOR)

Members:

Ricardo Gil Lambarte (ESP)

Dong - Eun Suk (KOR)

John Kember-Smith (GBR)

Jeannot Schoos (LUX)

Helmut Weinlich (GER)

Jacques Daunan (FRA)

CREDIT PHOTOGRAPHERS:

Yves Machatchek (FRA)

Marinella Piscioti (ITA)

Nikola Skorac (CRO)

\*YM

\*MP

\*NS



Sébastien Flute (FRA) 147 : 148 G. Metrofanov (RUS) in the Semi-finals. For the Bronze Medal Stanislav Zabrodsky (UKR) won Sébastien Flute 145 : 142. (All photos on the page 8 by Yves Machatchek)

Congratulations between Jennifer O'Donnell (USA), Gold Medal winner and Natalia Valeeva (MLD), Silver Medal after 144 : 144 and the shoot-off 28 : 27.

(Cont. from page 7.)

His compatriot Dee Wilde (USA), who was first in the Qualification round, lost in Semi-finals in the match against Paw Lassew (DEN) and had to be satisfied with the Bronze Medal but with an excellent result in the shoot-off, and specially with the new World Record at 25 meters with 595 points in the Qualification Round.

In the Free-Style, the whole France placed hopes on Sébastien Flute, Olympic and World Champion. Sébastien Flute started very well on Saturday. He was second after the first round of 30 arrows, being even with the Chinese from Taipei Wu Tsung (recent winner of the University Games), and Belgium Daman. But young Sweden Magnus Petterson took the leading role over with 298 points in the first round, 295 in the second with the total of 593 points. In such a way he improved the World Record by 2 points at 25 meters, which was held by Erwin Verstegen (NED).

The Qualification round level was very high, because the average result of the archer won the sixteenth position was over 580 points. Such famous archers as Vladimir Esheev (KZK), Alessandre Rivolta (ITA), Erwin Verstegen (NED) and Simon Fairweather (AUS) were eliminated. In women's division there is nothing much to say, except that the first three - J. O'Donnell (USA), N. Nazaridze (TUR) and Y. Tuniants (KZK) had a magnificent performance.

On Sunday afternoon, we were present at the excellent men's competition, full of tension and surprise. Flute, encouraged by the spectators, easily entered the Semi-finals, where he lost after the brilliant competition with G. Metrofanov, a Russian who is in complete contrast with his slow rhythm of shooting to Flute. Flute completely lost his concentration and in the Match for the Bronze Medal he was beaten by Stanislav Zabrodsky (UKR). Genadij Metrofanov (RUS) became the new World Indoor Champion, defeating Wu Tsung (TPE) in the Finals. In women's division Annie Martel (FRA) made a surprise eliminating N. Nazaridze (TUR) in the first round, and Catherine Pellen (FRA) eliminated Y. Tuniants (KZK). Natalia Valeeva (MLD), former World Champion, made advantage out of it and squeezed through to the Finals, where she lost after the shoot-off with the American Jennifer O'Donnell, the only one at this Championships who did not make a mistakes.

This Championships was completely different from the previous ones and it is obvious that the compound archers are gaining strength. Generally speaking the level of the archers is higher, especially after the split up of the USSR, as among archers of the newly formed republics there are a lot of very high level competitors - ex-representatives of the Soviet national team.

The 3rd World Indoor Championships is planned to be held in Great Britain in 1995.



Jennifer O'Donnell (USA) won: M. Szendey (HUN), A. Williamson (GBR), I. Leonova (KZK) and Valeeva (MLD).



Tsung Wu (TPE) was the only Free style archer who shot a perfect 150 score in the Match with S. Zabrodsky.



Magnus Petterson (SWE) is the new Free style World Record holder with 593 points at 25 meters. With 1177 points he was first in the Qualification Round.



Genadij Metrofanov (RUS) was very happy when he became a Champion after extremely bad last end. He gave Tsung Wu (TPE) the last chance to win.



## Men Free Style

| Competit.          | Nat. | Total | 25m   | 18m |
|--------------------|------|-------|-------|-----|
| 1. PETTERSON M.    | SWE  | 1177  | 593 R | 584 |
| 2. JOHNSON R.      | USA  | 1177  | 586   | 591 |
| 3. ELIASON E.      | USA  | 1174  | 589   | 585 |
| 4. LIPPONEN J.     | FIN  | 1173  | 585   | 588 |
| 5. WU T.           | TPE  | 1170  | 588   | 582 |
| 6. METROFANOV G.   | RUS  | 1170  | 590   | 580 |
| 7. PARENTI A.      | ITA  | 1168  | 586   | 582 |
| 8. ZABRODSKY S.    | UKR  | 1167  | 579   | 588 |
| 9. VOGELS H.       | NED  | 1167  | 583   | 584 |
| 10. FLUTE S.       | FRA  | 1165  | 585   | 580 |
| 11. GROV M.        | NOR  | 1165  | 583   | 582 |
| 12. BJERENDAL G.   | SWE  | 1165  | 583   | 582 |
| 13. DAMAN P.       | BEL  | 1165  | 584   | 581 |
| 14. PRIESTMAN R.   | GBR  | 1164  | 580   | 584 |
| 15. YAMAMOTO H.    | JPN  | 1162  | 576   | 586 |
| 16. MCKINNEY R.    | USA  | 1161  | 579   | 582 |
| 17. BJELLAND T.    | NOR  | 1161  | 578   | 583 |
| 18. ESHEEV V.      | KZK  | 1161  | 579   | 582 |
| 19. RIVOLTA A.     | ITA  | 1159  | 585   | 574 |
| 20. TORRES L.      | FRA  | 1159  | 576   | 583 |
| 21. CHKOLNY K.     | UKR  | 1159  | 583   | 576 |
| 22. WEIS V.        | FRA  | 1157  | 577   | 580 |
| 23. VERSTEGEN E.   | NED  | 1156  | 577   | 579 |
| 24. YOSHIDA T.     | JPN  | 1156  | 586   | 570 |
| 25. FAIRWEATHER S. | AUS  | 1154  | 581   | 573 |
| 26. TRAPEZNIKOV V. | UKR  | 1152  | 575   | 577 |
| 27. VAZQUEZ A.     | ESP  | 1152  | 573   | 579 |
| 28. VAN ZUTPHEN F. | NED  | 1152  | 578   | 574 |
| 29. ISSATCHENKO B. | BLS  | 1150  | 572   | 578 |
| 30. REPO J.        | FIN  | 1149  | 568   | 581 |
| 31. HOLGADO J.-C.  | ESP  | 1149  | 577   | 572 |
| 32. DAMAN P.       | BEL  | 1148  | 579   | 569 |
| 33. KOLESNIK Y.    | ISR  | 1148  | 576   | 572 |
| 34. SHIKAREV V.    | KZK  | 1146  | 578   | 568 |
| 35. EDIZ O.        | TUR  | 1146  | 578   | 568 |
| 36. VAN DE VEN R.  | BEL  | 1145  | 565   | 580 |
| 37. DOLGONOSOV V.  | BLS  | 1144  | 566   | 578 |
| 38. LYSENKO V.     | RUS  | 1143  | 566   | 577 |
| 39. PROVATOROV E.  | RUS  | 1142  | 564   | 578 |
| 40. LIPPOLT A.     | GER  | 1140  | 566   | 574 |
| 41. ALANKO J.      | FIN  | 1139  | 572   | 567 |
| 42. EPURI G.       | MLD  | 1138  | 568   | 570 |
| 43. BETTS P.       | CAN  | 1137  | 569   | 568 |
| 44. JIMENEZ A.     | ESP  | 1134  | 566   | 568 |
| 45. LIN P.-S.      | TPE  | 1134  | 568   | 566 |
| 46. KOZLENKO A.    | MLD  | 1134  | 563   | 571 |
| 47. FRANGILLI M.   | ITA  | 1130  | 563   | 567 |
| 48. HODAC M.       | TCH  | 1129  | 572   | 557 |
| 49. CHEN C.-L.     | TPE  | 1125  | 560   | 565 |
| 50. SAIDIEV N.     | KZK  | 1123  | 559   | 564 |
| 51. DANIEL A.      | SUI  | 1121  | 563   | 558 |
| 52. PYTEL A.       | BLS  | 1119  | 566   | 553 |
| 53. FLORJANCIC     | SLO  | 1117  | 557   | 560 |
| 54. COSKUN O.      | TUR  | 1114  | 550   | 564 |
| 55. YOSHIDA K.     | JPN  | 1110  | 553   | 557 |
| 56. LYNCH N.       | IRL  | 1109  | 559   | 550 |
| 57. DEMARCHI J.    | ARG  | 1105  | 561   | 544 |
| 58. ANDREJKA E.    | SLO  | 1103  | 551   | 552 |
| 59. LOTT J.        | EST  | 1101  | 542   | 559 |
| 60. AYTAOGLU A.    | TUR  | 1098  | 554   | 544 |
| 61. TERMER L.      | TCH  | 1088  | 543   | 545 |
| 62. JURAK P.       | TCH  | 1087  | 533   | 554 |
| 63. GIOAN R.       | MON  | 1083  | 526   | 557 |
| 64. ORSINI C.      | MON  | 1067  | 529   | 538 |
| 65. MANSOUR Z.     | LIB  | 1056  | 530   | 526 |
| 66. BREGNES M.     | CRC  | 1056  | 524   | 532 |
| 67. WEHBE I.       | LIB  | 988   | 491   | 497 |
| 68. SALEH N.       | LIB  | 828   | 462   | 366 |

## Women Compound

| Competit.          | Nat. | Total | I.  | II. |
|--------------------|------|-------|-----|-----|
| 1. DORAN G.        | USA  | 1155  | 581 | 574 |
| 2. JOIGNIER H.     | FRA  | 1141  | 561 | 580 |
| 3. PALAZZINI F.    | ITA  | 1128  | 562 | 566 |
| 4. LOW C.          | USA  | 1128  | 560 | 568 |
| 5. CORDIER S.      | FRA  | 1120  | 551 | 569 |
| 6. LOW I.          | USA  | 1119  | 561 | 558 |
| 7. GAUTSCHI N.     | SUI  | 1116  | 559 | 557 |
| 8. CERIOTTI C.     | ITA  | 1114  | 555 | 559 |
| 9. NELSON H.       | SWE  | 1113  | 557 | 556 |
| 10. WRIGHT J.      | GBR  | 1112  | 553 | 559 |
| 11. KOSEM M.       | SLO  | 1112  | 555 | 557 |
| 12. BARTLETT N.    | AUS  | 1108  | 551 | 557 |
| 13. BOURGOIN A.-M. | FRA  | 1104  | 555 | 549 |
| 14. SIMPSON N.     | GBR  | 1104  | 539 | 565 |
| 15. REYNAUD C.     | SUI  | 1096  | 545 | 551 |
| 16. GRIFFON M.     | SUI  | 1088  | 545 | 543 |
| 17. MATTIA F.      | ITA  | 1083  | 535 | 548 |
| 18. LESINSKI W.    | GBR  | 1081  | 531 | 550 |
| 19. SHIH P.-V.     | TPE  | 1074  | 539 | 535 |
| 20. FERNANDEZ A.   | ESP  | 1068  | 537 | 531 |
| 21. SOKKA S.       | FIN  | 1042  | 514 | 528 |
| 22. LACH M.        | POL  | 458   | 458 |     |

## NEW INDOOR WORLD RECORDS

60 arrows at 25 meters:

Magnus Petterson (SWE) Free Style 593 points

Dee Wilde (USA) Compound 595 points

## Women Free Style

| Competit.           | Nat. | Total | 25m | 18m |
|---------------------|------|-------|-----|-----|
| 1. O'DONNELL J.     | USA  | 1171  | 587 | 584 |
| 2. NAZARIDZE N.     | TUR  | 1167  | 583 | 584 |
| 3. TUNJANTZ Y.      | KZK  | 1166  | 589 | 577 |
| 4. BADMAZORENOVA    | RUS  | 1160  | 582 | 578 |
| 5. BOLOTOVA N.      | RUS  | 1151  | 578 | 573 |
| 6. KOLESHNIKOVA V.  | UKR  | 1144  | 580 | 564 |
| 7. VALEEVA N.       | MLD  | 1142  | 579 | 563 |
| 8. WILLIAMSON A.    | GBR  | 1141  | 574 | 567 |
| 9. LIN Y.-Y.        | TPE  | 1140  | 568 | 572 |
| 10. HANSCHEN A.     | GER  | 1137  | 578 | 559 |
| 11. YAKOUCHEVA O.   | BLS  | 1137  | 569 | 568 |
| 12. SJOWALL J.      | SWE  | 1136  | 565 | 571 |
| 13. LEONOVA I.      | KZK  | 1134  | 571 | 563 |
| 14. PELLEEN C.      | FRA  | 1132  | 571 | 561 |
| 15. MARTEL A.       | FRA  | 1132  | 566 | 566 |
| 16. SZENDEY M.      | HUN  | 1132  | 569 | 563 |
| 17. TESTA M.-R.     | ITA  | 1130  | 566 | 564 |
| 18. ROMOLI M.       | ITA  | 1128  | 562 | 566 |
| 19. MAREELS P.      | BEL  | 1128  | 564 | 564 |
| 20. LAI F.-M.       | TPE  | 1127  | 572 | 555 |
| 21. WAGNER M.       | GER  | 1127  | 563 | 564 |
| 22. EKSI E.         | TUR  | 1123  | 566 | 557 |
| 23. GOUSSAK N.      | UKR  | 1122  | 560 | 562 |
| 24. TOMA N.         | MLD  | 1122  | 567 | 555 |
| 25. EICHINGER H.    | GER  | 1120  | 550 | 570 |
| 26. VERSTEGEN C.    | NED  | 1120  | 563 | 557 |
| 27. TUATCHEKOVA E.  | RUS  | 1120  | 555 | 565 |
| 28. GERASSIMENKO L. | UKR  | 1119  | 561 | 558 |
| 29. RAZZHIVINA G.   | KZK  | 1118  | 557 | 561 |
| 30. HURASUC         | JPN  | 1116  | 555 | 561 |
| 31. VAN ROZENDAAL   | NED  | 1113  | 561 | 552 |
| 32. YANG H.-J.      | TPE  | 1111  | 557 | 554 |
| 33. ALAHUHTA K.     | FIN  | 1110  | 556 | 554 |
| 34. DEVOLLE J.      | USA  | 1109  | 552 | 557 |
| 35. VAN DORST M.    | NED  | 1109  | 557 | 552 |
| 36. DORFF A.        | FIN  | 1107  | 571 | 536 |
| 37. FANTATO P.      | ITA  | 1107  | 545 | 562 |
| 38. EVAIN M.-C.     | FRA  | 1094  | 553 | 541 |
| 39. JOLLY M.        | USA  | 1092  | 557 | 535 |
| 40. TANIOKA K.      | JPN  | 1091  | 557 | 534 |
| 41. PANDIANGAN P.   | INA  | 1087  | 544 | 543 |
| 42. HANDAYANI L.    | INA  | 1087  | 543 | 544 |
| 43. NATOCCHI I.     | ISR  | 1086  | 551 | 535 |
| 44. TOOREN K.       | EST  | 1084  | 549 | 535 |
| 45. KISS T.         | HUN  | 1084  | 546 | 538 |
| 46. FAIRWEATHER K.  | AUS  | 1076  | 537 | 539 |
| 47. EROGLU I.       | TUR  | 1070  | 544 | 526 |
| 48. NIVA M.         | FIN  | 1064  | 534 | 530 |
| 49. FACHTER H.      | ISR  | 1062  | 545 | 517 |
| 50. COSTA I.        | ARG  | 974   | 496 | 478 |

## Men Compound

| Competit.          | Nat. | Total | I.  | II.   |
|--------------------|------|-------|-----|-------|
| 1. WILDE D.        | USA  | 1184  | 589 | 595 R |
| 2. ETHRIDGE K.     | USA  | 1183  | 592 | 591   |
| 3. DESPART J.      | USA  | 1182  | 588 | 594   |
| 4. LASSEW P.       | DEN  | 1174  | 584 | 590   |
| 5. TAPLEE S.       | GBR  | 1173  | 586 | 587   |
| 6. HENRIKSEN T.    | DEN  | 1170  | 584 | 586   |
| 7. AMBROGIANI W.   | ITA  | 1169  | 578 | 591   |
| 8. GIROUD D.       | SUI  | 1168  | 583 | 585   |
| 9. LUNDIN M.       | SWE  | 1167  | 580 | 587   |
| 10. SIIVONON R.    | FIN  | 1164  | 582 | 582   |
| 11. MARELLI C.     | ITA  | 1164  | 584 | 580   |
| 12. LAURY J.-P.    | FRA  | 1161  | 578 | 583   |
| 13. PALMER M.      | SWE  | 1159  | 583 | 576   |
| 14. PERTTULA J.    | FIN  | 1159  | 580 | 579   |
| 15. WEDEL J.       | CRC  | 1158  | 574 | 584   |
| 16. PAASO T.       | FIN  | 1158  | 572 | 586   |
| 17. SWEENEY C.     | GBR  | 1157  | 572 | 585   |
| 18. VAN GORP T.    | NED  | 1157  | 573 | 584   |
| 19. BISSIRIEX P.   | FRA  | 1157  | 578 | 579   |
| 20. PARSONS E.     | GBR  | 1154  | 582 | 572   |
| 21. LACERTE J.-C.  | CAN  | 1153  | 569 | 584   |
| 22. ASK A.         | NOR  | 1151  | 578 | 573   |
| 23. BRIERE J.-P.   | CAN  | 1150  | 576 | 574   |
| 24. ROY P.         | CAN  | 1150  | 575 | 575   |
| 25. PFEIFENBERGER  | AUT  | 1150  | 578 | 572   |
| 26. PENNER P.      | GER  | 1149  | 570 | 579   |
| 27. HUMEZ P.       | FRA  | 1148  | 572 | 576   |
| 28. ABIT J.        | SUI  | 1148  | 574 | 574   |
| 29. PARMENTIER S.  | BEL  | 1147  | 578 | 569   |
| 30. ATORRASAGASTI  | ESP  | 1146  | 574 | 572   |
| 31. SVENSEN J.     | DEN  | 1144  | 568 | 576   |
| 32. SITAR V.       | SLO  | 1139  | 568 | 571   |
| 33. PLEBANI M.     | ITA  | 1139  | 566 | 573   |
| 34. RAPSEVICIUS E. | AUS  | 1138  | 570 | 568   |
| 35. KILCHOR F.     | SUI  | 1135  | 569 | 566   |
| 36. JORGENSEN F.   | NOR  | 1134  | 561 | 573   |
| 37. COTTIER C.     | AUS  | 1129  | 559 | 570   |
| 38. MOZLOWSKY K.   | POL  | 1112  | 557 | 555   |
| 39. KLEMEN D.      | SLO  | 1111  | 544 | 567   |
| 40. MRAC A.        | SLO  | 1104  | 556 | 548   |
| 41. LIAO N.-C.     | TPE  | 1104  | 552 | 552   |
| 42. ROJAS M.       | ESP  | 1096  | 547 | 549   |
| 43. MORGAN R.      | AUS  | 1095  | 544 | 551   |
| 44. MOLDAKHMETOV   | KZK  | 1090  | 547 | 543   |
| 45. CANTO D.       | ARG  | 1073  | 544 | 529   |
| 46. NOMICHOV Y.    | KZK  | 1047  | 532 | 515   |
| 47. LACH H.        | POL  | 1037  | 516 | 521   |



1. Jennifer O'Donnell (USA)  
2. Natalia Valeeva (MLD)  
3. Olga Yakoucheva (BLS)

## JENNIFER O'DONNELL (USA)

### WORLD INDOOR TARGET CHAMPION - FREE STYLE

Jennifer was born on October 12th, 1972 in Farmington, Michigan, USA and now lives in Farmington Hills. Jennifer graduated from Farmington High School. Honors include: JOAD Olympian, USOTC, National Record Intermediate double 30 meter, Junior Elite Archery Team 1989-1991, USAT member 1991 and 1992, Pan Am Women's record - 334 Grand FITA 1/8 Final.

Jennifer is member of Multi-Lakes Archery Club. She shoots for over 6 and a half years. Interests include volleyball, art, drawing and French.

"I usually shoot in the evenings, sometimes at leagues. The amount of arrows I shoot depends on the amount of time and what I am working for. I have developed my style and it is wat work for me.

Regarding conditioning exercises - physical and mental: I do weight training and cardiovascular work usually about three to five times a week. Mostly do mental imagery and I am also using positive affirmation cards everyday.

I work with two coaches: Tim Strickland and Don Rabska and each of them are important to different aspects of my shooting: the mental games, shooting technique and equipment preparations.

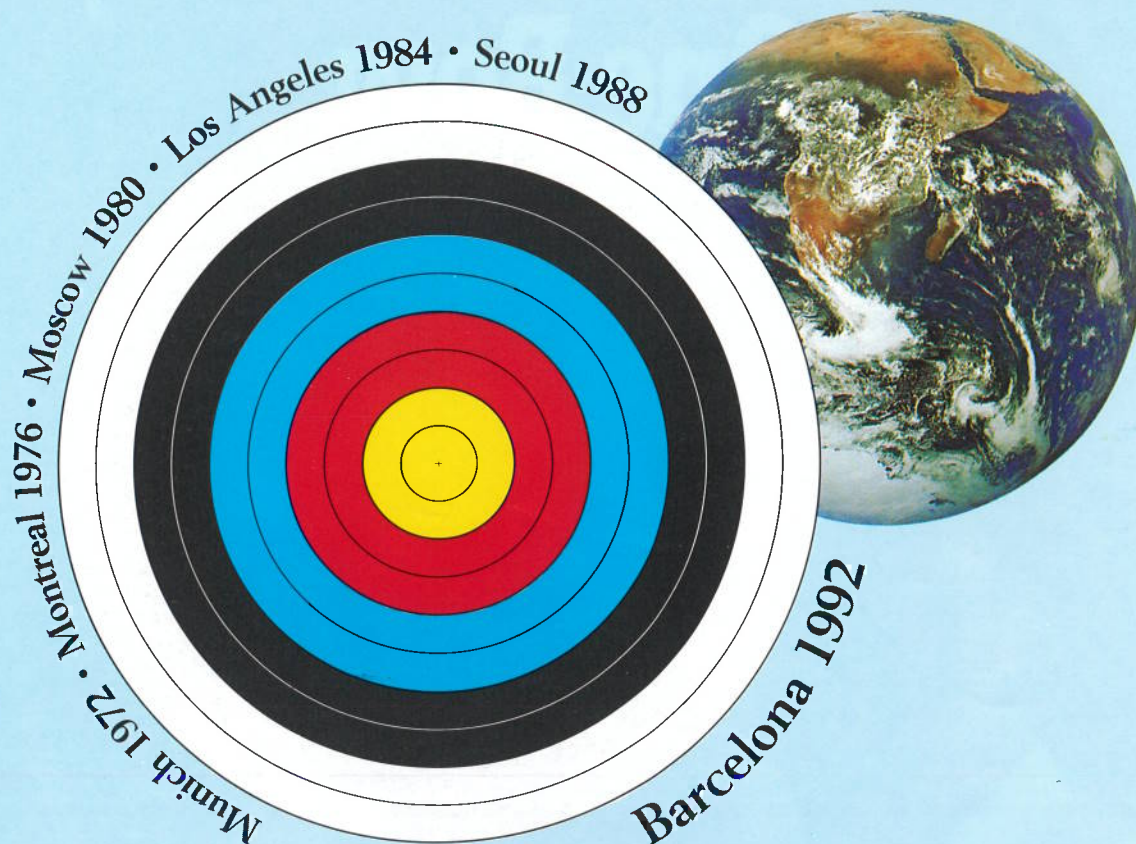
Regarding the equipment tuning method I use the bare shaft technique as a rough tune and then I adjust plunger spring tension to find one tension setting group the best. I basically just point the sight at the target while I'm pulling to my anchor and then forget about the sight while I'm pulling through the clicker. My most memorable archery experience will be this Gold Medal, and the title of Women World Indoor Champion Free Style in Perpignan. Before, it was probably winning the Ambrosiano in 1989. It was my first international trip and the first time I had ever won any FITA tournament. It was very exciting.

I am interested to be in USA team for the FITA Target World Championships in Antalya (TUR) September 8 - 12, 1993.

I like archery because it is an individual sport where you are only competing against yourself. It's also a lot of fun and a great way to meet people".

Bow: HOYT Gold Medalist TD4 Plus  
Length: 68". Weight: 38 pounds  
Arrow: EASTON XX75 29 1/2"  
Sight: SHIBUYA, Carbon  
Arrow rest: HOYT Super Rest  
Fletching: FLEX FLETCH plastic 3"  
Bow sling: CAVALIER  
Tab: CAVALIER  
Stabilizer: EASTON A/C/E 24"  
Binocular: BUSHNELL





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Associate Member of FITA





1. Inga Low (USA)  
2. Glenda Doran (USA)  
3. Hélène Joignier (FRA)

# **INGA LOW (USA)** **WORLD INDOOR TARGET CHAMPION - COMPOUND**

Inga was born on 5/8/1976 in Medford, Oregon (USA), but now lives in Roseville, California. She was born in the family of archers which is the best proof that it is a family sport. Inga is now a student. She is a member of Maya Bowhunters Club, and she shoots over 11 years. Inga has only one hobby: Archery.

"I have two coaches, my dad and my mom. My dad Jim helps when I have form and equipment problems - mom Charleen pushes me to be perfect. Both give me the confidence I need. My brother Jimmy Low III is also a top compound archer, and my mother Charleen was the member of the USA team here in Perpignan. I started shooting when I was five. I got serious wound four years ago. I always looked up to my mother. I always tried to be as good as she. This was not so simple because my mom is a big fighter. I have loved archery ever since I started.

Just this year I turned pro. This big success the Gold Medal and the title of the Women's World Champion Indoor Compound is for me and for my family unsuspected joy and the crown for serious work we have all done till now in my preparations. I am extremely happy and this success will stimulate me for the future. The search for the perfect arrow which gives the perfect score keeps me consistently striving for improvement.

I practice every other day and everyday before a tournament. I shoot the round. Every time I compete with my mother. I use paper tuning method. During the aim I let the dot float in the ten. The release gives me a more consistent chance of hitting the center of the target.

I am active in the volleyball and the basketball. The lift weight every other day helps me in my conditioning exercises very much. Archery has given me a chance to travel with my mother Charleen, my dad Jim and my brother Jimmy Low III. I've met many wonderful archers and seen exciting cities. Archery is a perfect family sport and I hope to see it grow".

Bow: HOYT Spectra, Weight: 38#  
Length: 41"

Arrow: EASTON Ultra lights 1812  
Length: 26 1/2"

Fletching: TRU FLIGHT  
Bow sight: TOXONICS

String: FAST FLIGHT 18 strands  
Bow serving: BROWNELL

Release: FAILSAFE

Arrow rest: GOLDEN KEY Premier  
Sling: SANDERS, plate finger sling

Binocular: MEADE 10 x 42  
Stabilizer: BOWMAN Aluminum



S. Zabrodsky (UKR) 140 : 150 Tsung Wu (TPE).  
Double success of two ex-URS archers in the Men's Free style: Gold and Bronze Medal.



Raoul Theeuws, FITA Council Member awarded Free Style Men winners. To become Champion, Metrofanov (RUS) won: M. Grov (NOR), after 3 shoot-off, S. Flute (FRA) and Tsung Wu (TPE).

## **WOMEN FREE STYLE**

**1/4**

**1/2**

**FINALE**

|                           |                           |                |                             |
|---------------------------|---------------------------|----------------|-----------------------------|
| 1. O'DONNELL J. USA 147   | O'DONNELL J. 146          | O'DONNELL 141  | O'DONNELL J. 144            |
| 16. SZENDEY M. HUN 140    | WILLIAMSON A. 144         | LEONOVA I. 140 | O'DONNELL J. USA Gold Medal |
| 9. LIN Y-Y. TPE 139       | BOLOTOVA N. 134           | LEONOVA I. 135 |                             |
| 8. WILLIAMSON A. GBR 139  | LEONOVA L. 141            | YAKOUCHEVA 140 |                             |
| 5. BOLOTOVA N. RUS 139    | PELLEN C. 137             | YAKOUCHEVA 140 |                             |
| 12. SJÖWALL J. SWE 138    | YAKOUCHEVA O. 142         | YAKOUCHEVA 141 |                             |
| 13. LEONOVA I. KZK 142    | 6. KOLESNIKOVA V. RUS 142 | VALEEVA N. 140 |                             |
| 4. BADMAZORENOVA RUS 140  | 7. VALEEVA N. MLD 145     | VALEEVA N. 14  |                             |
| 3. TUNIYANTS Y. KZK 142   | 10. HANSCHEN A. GER 142   |                |                             |
| 14. PELLE C. FRA 143      | 15. MARTEL A. FRA 143     |                |                             |
| 11. YAKOUCHEVA O. BLS 142 | 2. NAZARIDZE N. TUR 140   |                |                             |

## **MEN FREE STYLE**

**1/4**

**1/2**

**FINALE**

|                          |                          |                  |                       |
|--------------------------|--------------------------|------------------|-----------------------|
| 1. PETTERSON M. SWE 146  | PETTERSON M. 134         | ZABRODSKY S. 144 | WU Tsung 145          |
| 16. MCKINNEY R. USA 145  | ZABRODSKY S. 144         | WU Tsung 150     | WU Tsung Silver Medal |
| 9. VOGELS H. NED 142     | WU Tsung 144             | FLUTE S. 142     |                       |
| 8. ZABRODSKY S. UKR 147  | DAMAN P. 144             | ZABRODSKY S. 145 |                       |
| 5. WU Tsung TPE 146      | ELIASON E. 145           | METROFANOV 148   |                       |
| 12. BJERENDAL G. SWE 144 | 6. METROFANOV G. RUS 146 | METROFANOV 146   |                       |
| 13. DAMAN P. BEL 146     | 7. PARENTI A. ITA 143    | FLUTE S. 144     |                       |
| 4. LIPPONEN J. FIN 144   | 10. FLUTE S. FRA 147     | FLUTE S. 147     |                       |
| 3. ELIASON E. USA 148    | 15. YAMAMOTO H. JPN 134  |                  |                       |
| 14. PRIESTMAN R. GBR 141 | 2. JOHNSON R. USA 147    |                  |                       |



P. Paulsen (NOR) with his Judges conducted the Championships well, but Jim Easton helped them to change the irregular targets.



Jim Easton, President, Don Lovo, First Vice-President and Stan Patterson, Vice-President helped P. Paulsen with official targets

Victor Sidoruk as a Olympic Gold Medalist Paola Fantato (ITA), G





Jim Easton congratulates Tsung Wu (TPE) Silver Medal, also to J.C.M. Lin, his captain and trainer Hyung-Tak Kim. (See page 18)

Winners during the Closing Ceremony of the 2nd World Indoor Target Championships which was a big success for Organizers and Archers. Enthusiastic spectators packed the stands every day. \*YM

## WOMEN COMPOUND

1/4

1/2

FINALE

|                         |                  |                 |                 |              |
|-------------------------|------------------|-----------------|-----------------|--------------|
| 1. DORAN G. USA 149     | DORAN G. 143     | DORAN G. 144    | DORAN G. 142    | Silver Medal |
| 16. GRIFFON M. SUI 139  | NELSON H. 135    | CORDIER S. 141  | CORDIER S. 141  |              |
| 9. NELSON H. SWE 138    | CORDIER S. 141   | CORDIER S. 141  | CORDIER S. 142  |              |
| 8. CEROTTI C. ITA 136   | BOURGOIN A. 139  | JOIGNER H. 139  | JOIGNER H. 143  |              |
| 5. CORDIER S. FRA 142   | BOURGOIN A. 139  | LOW I. 144      | LOW I. 143      |              |
| 12. BARTLETT N. AUS 142 | PALAZZINI F. 134 | LOW I. 144      | LOW I. 143      |              |
| 13. BOURGOIN A. FRA 141 | LOW I. 142       | LOW I. 144      | LOW I. 143      |              |
| 4. LOW C. USA 136       | GAUTSCHI N. 138  | JOIGNIER H. 139 | JOIGNIER H. 139 |              |
| 3. PALAZZINI F. ITA 137 | JOIGNIER H. 144  | JOIGNIER H. 139 | JOIGNIER H. 139 |              |
| 14. SIMPSON N. GBR 135  | JOIGNIER H. 144  | JOIGNIER H. 139 | JOIGNIER H. 139 |              |
| 11. KOSEM M. SLO 140    | JOIGNIER H. 144  | JOIGNIER H. 139 | JOIGNIER H. 139 |              |
| 6. LOW I. USA 145       | JOIGNIER H. 144  | JOIGNIER H. 139 | JOIGNIER H. 139 |              |
| 7. GAUTSCHI N. USA 138  | JOIGNIER H. 144  | JOIGNIER H. 139 | JOIGNIER H. 139 |              |
| 10. WRIGHT J. GBR 135   | JOIGNIER H. 144  | JOIGNIER H. 139 | JOIGNIER H. 139 |              |
| 15. REYNAUD C. SUI 133  | JOIGNIER H. 144  | JOIGNIER H. 139 | JOIGNIER H. 139 |              |
| 2. JOIGNIER H. FRA 142  | JOIGNIER H. 144  | JOIGNIER H. 139 | JOIGNIER H. 139 |              |

## MEN COMPOUND

1/4

1/2

FINALE

|                          |                 |                 |                 |              |
|--------------------------|-----------------|-----------------|-----------------|--------------|
| 1. WILDE D. USA 149      | WILDE D. 145    | WILDE D. 142    | LASSEW P. 142   | Silver Medal |
| 16. PAASO T. FIN 143     | GIROUD D. 143   | WILDE D. 142    | LASSEW P. 145   |              |
| 9. LUNDIN M. SWE 144     | TARPLEE S. 143  | LASSEW P. 145   | LASSEW P. 145   |              |
| 8. GIROUD D. SUI 149     | LASSEW P. 144   | WILDE D. 150    | WILDE D. 150    |              |
| 5. TARPLEE S. GBR 145    | LASSEW P. 144   | WILDE D. 150    | WILDE D. 150    |              |
| 12. LAURY J. FRA 144     | DESPART J. 147  | DESPART J. 147  | DESPART J. 147  |              |
| 13. PALMER M. SWE 144    | MARELLI C. 146  | DESPART J. 147  | DESPART J. 147  |              |
| 4. LASSEW P. DEN 145     | MARELLI C. 146  | ETHRIDGE K. 149 | ETHRIDGE K. 149 |              |
| 3. DESPART J. USA 147    | AMBRODIANI 144  | ETHRIDGE K. 149 | ETHRIDGE K. 149 |              |
| 14. PERTTULA J. FIN 147  | ETHRIDGE K. 149 | ETHRIDGE K. 149 | ETHRIDGE K. 149 |              |
| 11. MARELLI C. ITA 145   | ETHRIDGE K. 149 | ETHRIDGE K. 149 | ETHRIDGE K. 149 |              |
| 6. HENRIKSEN T. DEN 144  | ETHRIDGE K. 149 | ETHRIDGE K. 149 | ETHRIDGE K. 149 |              |
| 7. AMBROGIANI W. ITA 146 | ETHRIDGE K. 149 | ETHRIDGE K. 149 | ETHRIDGE K. 149 |              |
| 10. SIIVONON R. FIN 143  | ETHRIDGE K. 149 | ETHRIDGE K. 149 | ETHRIDGE K. 149 |              |
| 15. WEDEL J. CRC 147     | ETHRIDGE K. 149 | ETHRIDGE K. 149 | ETHRIDGE K. 149 |              |
| 2. ETHRIDGE K. USA 138   | ETHRIDGE K. 149 | ETHRIDGE K. 149 | ETHRIDGE K. 149 |              |



1. Kirk Ethridge (USA)  
2. Paw Lasew (DEN)  
3. Dee Wilde (USA)  
**KIRK ETHRIDGE (USA)**  
**WORLD INDOOR TARGET CHAMPION - COMPOUND**

Kirk was born on August 24, 1959 in Kingsport, but now lives in Rogersville, TN (USA). In real life Kirk is a Pharmacist in the small county hospital in Rogersville. He is married with a five year old daughter Rachel and another child just born. Kirk is a member of the Moristown Archery Club and Smoky Mountain Archers. He is active in archery for over 16 years. During High School he was active MVP football and track. Kirk likes hunting and fishing with a bow.

"I began shooting bow and arrow at an early age. My brother and I would follow my father bowfishing every chance we got. We missed a lot but had fun. We enjoyed shooting so much that when competitive archery was introduced to us we took to it quite naturally. Dad won our state indoor in 1979 and that was about as far as he wanted to go. My goals were for winning national championships so I have stuck with the sport quite diligently. I won 10 National Championships in USA, and now I won World Champion title and Gold Medal.

My future goals are to be able to remain competitive and compete in The Olympics, if compound bows are ever allowed in that FITA competition. From what I've heard here in Perpignan, a compound division in FITA will have in the near future World Championships and maybe compound division on the Olympic Programme is not so far as we think in this moment. I am self coached. I practice to improve shot execution and aiming. I practice 6-10 hours per week just enough to be at top of my game. Too much practice can be as bad as too little. I concentrate on the scope with the target in the background. I practice Life-Cycle and Life-Step three days a week. Archery is unique in that one can compete on a national level just for the fun of it. You don't have to be the best, you can just go and compete. It is also a lifetime sport if you want it to be. Stretching the limits of archery accuracy is a challenge that can really be exciting. In other words I don't believe the full accuracy potential of our sport has been achieved. The best scores are goals that can still be accomplished."

Bow: MARTIN Pro XRG Firecat 50#  
Arrows: EASTON 2514  
Arrows Length: 28" - 3" feathers  
Arrows point: 7% or 125 gr  
Sight: SURE-LOCK with 120x scope  
String: FAST-FLIGHT 16 strands  
Serving: 0.021 MONO NYLON  
Release: CARTER'S HOLE-THING  
Rest: GOLDEN KEY (Larry Wiss)  
Bow sling: Old boot string  
Binoculars: SWAROWSKI 10 x 50  
Stabilizer: Easton A/C/E Carbon



Trainer of the Spanish Team won the gold medal in Barcelona. He is now in Italy. Gold at PARALYMPIC in a wheelchair.

Jim Easton, FITA President and Kirk Ethridge (USA). Kirk won the Gold Medal without any problem. \*YM

Lassew (DEN) 142 : 149 Ethridge (USA). Kirk has his own tactics. Shoot 3 arrows as quick as possible and watch a rival.



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Butch Johnson—  
Winner of ten 1990  
PAA Tour Shoots  
including the 1990  
PAA Indoor  
and Outdoor  
Championships

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1. Relay start for club-teams in Paluzza (I T A). 2. Women Free-Style archers at the shooting range.  
3. Men Free-Style archers at the shooting range. 4. Compound archers shoot on the smallest target.  
5. A Ski-Archer on the course. 6. A Ski-Archer standing. 7. A Ski-Archer kneeling.  
(All photos on page 13 by Marinella Pisciotti)

## 9th Italian SKI-ARC Championships in Paluzza (ITA)

by Franco Carminati, Member Ski-Arc Work Group

Italian archers who competed in Ski-Arc at different championships all over Italy met for the ninth time. As last year, about hundred athletes were present, but the event had a few novelties: competitors were put into two groups, recurve and compound divisions and the punishment was running one penalty round for every miss, as stated in the international rules.

One would think that the compound could make difficulties because of its structure, but the event passed without any problem. A very simple solution was found for carrying the bow on the back and according to this experience the compound round has a great future in Ski-Arc, as it is fast and adjustable to the special needs of the competition.

The system of punishment with running penalty round, instead of time handicap proved itself to be very interesting. Thus it showed the need to organize events according to the completely new rules accepting the extra scores.

The job of the judges has completely changed and everyone must accept the new attitude to it. That is some kind of revolution, very similar to the one we had with the New Olympic Round.

The event takes place very fast and the shooting range is constantly occupied with the archers.

The competition in relays is the most exciting for the spectators, because they can follow the competition for the winners directly, not waiting to the end, for the various calculations of the final results: "the one who passes the finish line first, will be first at the winner's stand".

The 9th Italian Championship took place at the permanent Nordic ski-course, where practices winner of two medals from the World Championships in Falun, one of the best members of the Italian national Nordic-ski team. It shows that the preparations of athletes for Ski-Arc is very similar to the preparation of skiers in Nordic disciplines. But it is not enough though, because every miss in shooting means about one minute delay and for poor shooter it is very difficult to win.

As a conclusion, it is not easy to shoot in Ski-Arc, but the discipline is very exciting and interesting.

Similarly summer competitions are to be planned consisting of race and various ways of shooting. The rules are not set up yet, but we already have The West Alpine Cup, at the border between France and Italy. Probably there will be a similar one - The East Alpine Cup for which archers from Italy, Austria, Slovenia and Croatia may be interested in as well as other countries considering archery a dynamic sport.

I think that new solutions changing the presentation of a bow to the spectators and mass media are welcomed. In that way the bow will attract man's attention like at the beginning, following him as a friend in all his activities.



Michael Frane (USA) was USA Team Captain in 1991 during the SKI-ARC competition in Italy. The competition was held in perfect condition on the course that was 1,000 m above the sea level. This year SKI-ARC Tournament in La Pesse (FRA) was well done! Snow conditions were poor, but the spirit was high and everyone enjoyed the competition. The Italians were at their best!!! \*NS

## SKI-ARC in the USA

by Michael Frane, Member Ski-Arc Work Group

In the USA, Ski-Arc is providing an exciting new challenge for those who enjoy competition in outdoor winter sports.

The combination of the two sports provides a challenging format that is exciting to participate in and watch. Interest and participation is growing every year and is outlooked to continue.

The sport of Ski-Arc is relatively new to the United States. The first USA event was held in 1987 in Salt Lake City, Utah. In the past five years, the growth and popularity of the sport has surged. The winter of 1992-1993 is the fifth season for Ski-Arc in the USA. It was also the biggest, with (20) twenty events on the calendar.

The USA National Championships in January were hosted by the Salt Lake City Archers. The Salt Lake City, Utah area has the largest number of active Ski-Archers in the USA.

In addition to the US National Championships, Ski-Arc events were held in New Hampshire, New York, Wisconsin, Montana, Utah, Wyoming and California.

The US National Archery Association will support the growth of Ski-Archery and work toward establishing international competition and a world championship event in the future.





## Korea's Medal Count

### World Championships

- 1979 Berlin (GER)**  
Women's Gold, Kim Jin Ho  
Women's Terna - Gold
- 1981 Punta Ala (I T A)**  
Women's Individual, 5th place  
Women's Team - Silver
- 1983 Los Angeles (USA)**  
Women's Gold, Kim Jin-Ho  
Women's Silver, Hwang Sook-Joo  
Women's Team - Gold  
Men's Team - Silver
- 1985 Seoul (KOR)**  
Women's Bronze, Kim Jin-Ho  
Women's Team - Silver  
Men's Bronze, Koo Ja-Kyung  
Men's Team - Gold
- 1987 Adelaide (AUS)**  
Women's Silver, Wang Hee-Kyung  
Women's Team - Silver
- 1989 Lausanne (SUI)**  
Women's Gold, Kim Soo-Nyung  
Women's Silver, Kim Kyung-Wook  
Women's Team - Gold  
Men's Team - Bronze
- 1991 Krakow (POL)**  
Women's Gold, Kim Soo-Nyung  
Women's Silver, Lee Eun-Kyung  
Women's Team - Gold  
Men's Team - Gold

### Olympic Games

- 1984 Los Angeles (USA)**  
Women's Gold, Seo Hyang-Soon  
Women's Bronze, Kim Jin-Ho
- 1988 Seoul (KOR)**  
Women's Gold, Kim Soo-Nyung  
Women's Silver, Wang Hee-Hyung  
Women's Bronze, Y. Young-Suk  
Women's Team - Gold  
Men's Silver, Park Sung-Soo  
Men's Team - Gold
- 1992 Barcelona (ESP)**  
Women's Gold, Cho Yoon-Jeong  
Women's Silver, Kim Soo-Nyung  
Women's Team Gold  
Men's Silver, Jae-Hoon

## JUDGES' CONFERENCE

Antalya, (TUR) Sept. 2-5, 1993

Judges will be expected to arrive in Antalya on September 1st, 1993 and may leave the Conference anytime after 17.00 on September 5th, 1993. A complete agenda will be sent within a few weeks.

Most Turkish Airlines flight come from Istanbul, but several airlines have direct flights to Antalya from other major European cities.

Turkish Airlines have offered a 50% discount on their flights for persons participating the Conference or World Championships.

The Turkish Archery Federation has graciously offered to pay the cost of the room and meals for all FITA judges registered for the Conference from September 1st and including the night of September 5th, 1993.

The World Championships will take place on the same sight and in the same hotel "CLUB ALDA", as the headquarters hotel.

Any of the judges wanting to stay at the Championships may do so, but have to arrange accommodation for the dates after September 5th, 1993.

## KOREA'S GOLD MEDALS - WHY?

by Donald M. Lovo, FITA First Vice-President

There is no question that if you asked most people with a knowledge of international archery, "What country tops the world in Archery?", the majority would say, "Korea". The increasing Korean medal count since they first competed in 1979 certainly supports that answer and if you took the current World Championship and Olympic record list, you would find it even more indicative of Korea's outstanding ability in Archery. Why? What makes this little country so powerful in sport - a country that pulled itself out of the devastation and rubble of a terrible civil war less than 50 years ago. Is there a definitive answer? In the last ten years I have been to this Country more than a dozen times and though I am not sure that there is a definite answer, there sure are several good reasons.

**Discipline** - Not only the discipline of proper training, but a discipline in every part of their everyday life.

**Education** - Are they smarter than the rest of us? No, I don't think so, but if they are, it is because they work at it - longer hours of school each day, 6 days a week. 12 years of education before college as we do, but homework like you wouldn't believe. I am told that their national literacy level is 97%, higher than about 95% of the other Nations in the World.

**Broad Base** - Korea has over 2,600 archers, and they are tournament archers. Archery is not a recreational sport in this country and there certainly is no hunting. They shoot a bow to win, not just for exercise. It is a pyramid, and like all pyramids, the broader the base, the higher the peak.

They have a national training program that starts in primary school and continues through middle school, high school and college. Each of these 4 levels has its own programme and national championship - again, the pyramid.

**Good Equipment** - Sports excellence is a national passion and certainly a matter of national pride, and the corporate community actively supports the quest for top performance. In the case of Archery, the Hyundai Corp. Korea's second largest conglomerate (so I am told) picks up a large portion of the tab for making the system work. Other sports, other National sponsors. Over 25 major companies have their own archery teams, each one trained by a paid, professional coach. There are top level military teams with complete permanent training facilities. One that I visited had an all-weather range that allowed the archers to shoot through narrow louvres at regular outdoor distances from a heated, enclosed shooting line.

The average archery beginner in Korea cannot afford to buy all of their own equipment, and they do not have to, it is supplied. If they show real dedication and ability, there is no limit, they can have the latest and best from the top manufacturers in the world.

**Coaching** - In 1983 Korean Coaches formed an association that now numbers close to 100 and they are professional. The Champions they produce are not by accident. In early December after conducting a Judges Seminar in Japan, I was asked by their Coaches' Association to talk to their members. I was met in Seoul, flown to Ulsan and driven to Kyong-Ju, (Korea's ancient city). They were having a bi-annual conference that included for one thing, a 5 A.M. hike to the top of a mountain where a Buddhist monk lectured on and demonstrated the art of Zen. That was after a program the night before that didn't end until 2 A.M. As I said before, it is not a game with them, they are professional.

From 9 to 12 that same morning, I lectured at their request, on the purpose, structure and future of FITA, with emphasis on the Olympic Round. Their questions were intelligent and pointed. They wanted all the information they could get to help their students produce the best results. Mr. Park Kyung-Rae, their Chairman, apologized for the fact that only 85 Coaches were able to attend on such short notice.

Were there any complaints? No, the remarks were constructive. The only real complaint was the lack of time. They had hundreds more questions that limited time did not permit them to ask.

One of the observations I could make about many of our international coaches is that they often are somewhat secretive about their training procedures. Not so in Korea. Their knowledge and procedures are shared. The dividend? - better procedures and better results.

**Competitive Experience** - As I said, they are competitive archers, not recreational archers and an intense circuit of competitions gives them training and experience in handling the tension of a Championship - a developed control that pays off when it really counts.

**Training** - Each year they name two national teams - 8 men and 8 women on both the A and B teams (32 total). These teams are sent to national training camps where they follow a rigid program 6 to 8 hours a day, 6 days a week. If they maintain a performance that keeps them on the A team, this could mean years of intensive training that includes literally hundreds of hour of mental control training, arranged schooling, clothes, accommodation and spending money.

**National Pride** - No country in the world has more national pride than Korea, and this small nation of 40 million people produces sports and national production results that rival countries many times their size and population. Why? For one thing, they have a fighting spirit that makes national achievement a very important and personal thing and failure, emotionally, almost unacceptable.

**Incentives** - Last but certainly not least. In 1979 Kim Jin-Hoo won Korea's first ever World Gold Medal in any sport, and the love affair with Archery began. Kim Jin-Hoo was given a house, furniture and an allowance (above the average salary) for life. Today, an Olympic or World Championship Gold Medal guarantees \$1,000 to \$2,000 per month for life. The average worker in Korea makes \$700 to \$1,200 per month, the recipients are financially secure for life. The Medal winners are celebrities in the finest national sense. That creates the desire to train hard and perform well that nothing else can match.

None of the above guarantees World Record breaking performances, but it certainly makes them possible. More than 30 female archers in Korea average over 1300 points. Without actually counting, I would guess that is equal to the total number of female 1300 shooters in all of the other Member Associations combined. When Kim Jin-Hoo started to drop a point or two Kim Soo-Nyong was there to take the lead. When she shot a 7, Cho Yoon-Jeong did not, and held the World lead. Only about 10 of the Korean men average over 1300 but their performance has steadily moved up the world scale and they are now working toward scores and ranking equal to the women's team. Many Member Associations offer some of these incentives but few that I have heard about offer all of them. There are no big secrets here - just unswerving discipline and all-out consuming desire to win! As I see it.





Krzysztof Wlosik (POL) won 1992 "XXXIV TORNEO AMBROSIANO" which was held in Milan (ITA). In the Women's Final, Paola Fantato (ITA), PARALYMPIC Gold, was first.

### 1st "CARIBBEAN ARROWS", by Sergio Font Milián, FITA Judge

The First Open "Caribbean Arrows" Archery Tournament was held in Havana on October 25 - 31, 1992 with archers from Puerto Rico, Venezuela, Mexico and the hosting country Cuba.

The tournament was conducted on the basis of a Grand FITA Round for both individuals and teams. Most FITA Member Associations received an invitation for this economically reasonable (\$25.00 per day including meals and local transportation) tournament. The archers stayed at the comfortable apartments of the Panamerican Village, 20 minutes away from the competition field.

María Reyes from Puerto Rico was the only foreigner to win a gold medal (distance winners were awarded medals too), with a score of 304 points at 60 meters. The bulk of the gold prizes stayed at home. Lisdeybi Rodríguez and Alfonso Donate (the son) won the Grand FITA Finals with 304 and 317 points respectively. The men's final round was the most exciting with the close contest between the two Alfonso Donates, the father and the son, finally ending with the latter's triumph edging his father by two points.

The Second "Caribbean Arrows" will be held on Oct. 25 - 31, 1993 over a New Olympic Round and the organizers plan to keep it an open tournament, so that even archers who are not members of national teams are allowed to participate.

#### Final Results Women (19 part.)

| R. | Competit. | Nat. | FITA | FINAL |
|----|-----------|------|------|-------|
| 1. | Rodríguez | CUB  | 1224 | 304   |
| 2. | Fiffe     | CUB  | 1192 | 301   |
| 3. | Salinas   | CUB  | 1136 | 298   |
| 4. | García    | CUB  | 1136 | 298   |
| 5. | Reyes     | PUR  | 1176 | 291   |
| 6. | Rosa      | PUR  | 1156 | 285   |
| 7. | Olazabal  | CUB  | 1129 | 267   |
| 8. | Plaza     | VEN  | 1124 | 259   |

#### Final Results Men (27 part.)

| R. | Competit.  | Nat. | FITA | FINAL |
|----|------------|------|------|-------|
| 1. | Donate S.  | CUB  | 1237 | 317   |
| 2. | Donate M.  | CUB  | 1230 | 315   |
| 3. | Stevens    | CUB  | 1235 | 303   |
| 4. | Rodríguez  | CUB  | 1164 | 294   |
| 5. | León       | CUB  | 1245 | 293   |
| 6. | Martínez   | CUB  | 1164 | 293   |
| 7. | Suárez     | CUB  | 1158 | 290   |
| 8. | Delgadillo | MEX  | 1167 | 264   |

#### Women's Teams

| R. | Team       | 1/2 | FINALE |
|----|------------|-----|--------|
| 1. | CUB "A"    | 894 | 866    |
| 2. | PUR        | 878 | 856    |
| 3. | CUB "B"    | 756 | 838    |
| 4. | CUB Junior | 830 | 779    |
| 5. | VEN        | 801 | 776    |
| 6. | CUB Junior | 765 | 687    |

#### Men's Teams

| R. | Team       | 1/2 | FINALE |
|----|------------|-----|--------|
| 1. | CUB "B"    | 880 | 914    |
| 2. | CUB "A"    | 918 | 900    |
| 3. | PUR        | 878 | 877    |
| 4. | VEN        | 825 | 857    |
| 5. | CUB Junior | 813 | 822    |
| 6. | MEX        | 803 | 814    |

# CALENDAR FITA

## FITA CHAMPIONSHIPS

|      |             |       |  |                    |     |
|------|-------------|-------|--|--------------------|-----|
| 1993 | March       | 5-7   | II World Indoor Championships  | Perpignan,         | FRA |
|      | August      | 27-29 | II Outdoor Junior World Championships  | Moliets,           | FRA |
|      | September   | 8-12  | XXXVII World Target Championships  | Antalya,           | TUR |
| 1994 | August      | 12-14 | XIV World Field Championships  | Vertut, Champagne, | FRA |
|      | To be fixed |       | III Outdoor Junior World Championships   | Trento,            | ITA |
|      | July        | 19-23 | XIV Outdoor Target Championships of Europe and the Mediterranean                         | Nymburk,           | TCH |
| 1995 | To be fixed |       | XXXVII World Target Championships  | Yogyakarta, Java,  | INA |
| 1996 | To be fixed |       | XV World Field Championships and XV Target Championships of Europe and the Mediterranean | Kranjska Gora,     | SLO |

## GAMES TOURNAMENTS

|      |                |       |   |                 |     |
|------|----------------|-------|---|-----------------|-----|
| 1993 | June           | 18-20 | XII Mediterranean Games                   | Pérors,         | FRA |
|      | July           | 29-31 | IV World Games                            | The Hague,      | NED |
|      | November       | 19-30 | XVII Central American and Caribbean Games | Ponce,          | PUR |
| 1994 | July 23-August | 7     | Goodwill Games                            | St. Petersburg, | RUS |
|      | Sep. 26-Oct.   | 8     | Masters Games                             | Brisbane,       | AUS |
|      | October        | 2-16  | Asian Games                               | Hiroshima,      | JPN |
| 1996 | To be fixed    |       | XXVI Olympiad                             | Atlanta,        | USA |
| 1997 | June 29-July   | 13    | XIII Mediterranean Games                  | Bari,           | ITA |

## INTERNATIONAL TOURNAMENTS 1993

| Target Archery |       |       |                                    |                  |     |
|----------------|-------|-------|------------------------------------|------------------|-----|
| February       | 15-20 | NOR   | 3rd Federation Cup                 | Calcutta,        | IND |
| March          | 27-28 | DBF   | State Target Championship          | Melbourne,       | AUS |
| April          | 10-11 | FITA  | National Championships             | Kimberley,       | SAF |
| May            | 7-9   | NOR   | UNION GRAND PRIX 1993              | Antalya,         | TUR |
| May            | 10-17 | NOR   | International Tournament           | Beijing,         | CHN |
| May            | 12-16 | NOR   | Vth International FITA             | Trento,          | ITA |
| May            | 21-24 | NOR   | UNION GRAND PRIX 1993              | Nicosia,         | CYP |
| May            | 22-23 | FITA  | International Tournament           | Rijeka,          | CRO |
| May            | 24-29 | NOR   | "Diamond" International Tournament | Alma-Ata,        | KZK |
| May            | 28-30 | NOR   | "Golden Arrow" Tournament          | Budapest,        | HUN |
| May            | 29-30 | FITA  | International Tournament           | Malta,           | MLT |
| June           | 7-12  | NOR   | World Target Trials/Junior         | Mesa, Arizona,   | USA |
| June           | 12-13 | FITA  | National Target Championship       | San Jose,        | CRC |
| June           | 19-20 | FITA  | Alpe-Adria                         | Gozd Martuljek,  | SLO |
| June           | 25-27 | NOR   | XXXVth International FITA          | Warsaw,          | POL |
| June           | 25-27 | NOR   | Junior Target Trials               | Arco,            | ITA |
| July           | 3-4   | FITA  | Tjörnpielen                        | Tjörn,           | SWE |
| July           | 3-4   | DBF   | Dunlaoghaire Open                  | Dublin,          | IRL |
| July           | 15-17 | NOR   | UNION GRAND PRIX -Coq France       | Cannes,          | FRA |
| July           | 17-18 | DBF   | International Tournament           | Luxembourg,      | LUX |
| July           | 20-24 | NOR   | National Target Championship       | Ibiza,           | ESP |
| July           | 24-27 | FITA  | W.M.A.S. Tournament                | Church Stratton, | GBR |
| August         | 1-6   | NOR   | National Target Championship       | Oxford, Ohio,    | USA |
| August         | 12-14 | NOR   | UNION GRAND PRIX 1993              | Nymburk,         | TCH |
| August         | 15    | FITA  | Challenge Ville de Lausanne        | Lausanne,        | SUI |
| August         | 21-22 | FITA  | National Target Championship       | Kamnik,          | SLO |
| August         | 25-29 | NOR   | "Silver Arrow" Tournament          | Salice Terme,    | ITA |
| September      | 5     | FITA  | "15 years Goldpfeil"               | Seiersberg,      | AUT |
| September      | 12    | FITA  | Country Match Tournament           | Saarbrücken,     | GER |
| September      | 12-18 | DBF   | Archery Week Competition           | Jakarta,         | INA |
| September      | 18-19 | FITA  | Estrela FITA                       | Caracas,         | VEN |
| September      | 18-19 | FITA  | YAMAHA CUP Tournament              | Tsumagoi,        | JPN |
| October        | 2-3   | NOR   | "Torneo Ambrosiano"                | Milan,           | ITA |
| October        | 5-9   | DBF   | 8th Asian Cup Tournament           | Ujungpandang,    | INA |
| October        | 11-17 | FITA  | Festival Archery Tournament        | Kwang-Ju,        | KOR |
| October        | 25-31 | NOR   | "Caribbean Arrows" Tournament      | Havana,          | CUB |
| November       | 5-7   | FITA  | All Japan Target Championship      | Tsumagoi,        | JPN |
| November       | 13-14 | DBF   | National Target Championship       | Hong Kong,       | HKG |
| December       | 4-5   | FITA  | National Target Championship       | Buenos Aires,    | ARG |
| Field Archery  |       |       |                                    |                  |     |
| April          | 18-19 | FIELD | Arrowhead Round                    | Soest,           | GER |
| April          | 21-22 | FIELD | Arrowhead Round                    | Perth,           | AUS |
| April          | 24-25 | FIELD | Arrowhead Round                    | Ankaran,         | SLO |
| April          | 25    | FIELD | Arrowhead Round                    | Geneve,          | SUI |
| May            | 1-2   | FIELD | Arrowhead Round "30 years"         | Bad Goisern,     | AUT |
| May            | 7-9   | FIELD | Arrowhead Round                    | Phoenix,         | USA |
| May            | 22-23 | FIELD | Arrowhead Round                    | Kammern,         | AUT |
| May            | 29-30 | FIELD | Arrowhead Round                    | Cheshire,        | GBR |
| June           | 5-6   | FIELD | Arrowhead Round                    | Cordoba,         | ARG |
| June           | 12-13 | FIELD | Arrowhead Round                    | Hakodate,        | JPN |
| June           | 12-13 | FIELD | Arrowhead Round                    | Ardesio,         | ITA |
| June           | 19-20 | FIELD | Arrowhead Round                    | Lausanne,        | SUI |
| June           | 26-27 | FIELD | Arrowhead Round                    | Backnang,        | GER |
| July           | 10-11 | FIELD | Arrowhead Round                    | Lavarone,        | ITA |
| July           | 10-11 | FIELD | Arrowhead Round                    | Semur/Orxois,    | FRA |
| July           | 24-25 | FIELD | Arrowhead Round                    | Walferdange,     | LUX |
| August         | 14-15 | FIELD | Arrowhead Round                    | Lure,            | FRA |
| August         | 28-29 | FIELD | Arrowhead Round                    | Esch/Alzette,    | LUX |
| August         | 28-29 | FIELD | Arrowhead Round                    | Gödöllő,         | HUN |
| September      | 11-12 | FIELD | Arrowhead Round                    | Trakoscan,       | CRO |
| September      | 18-19 | FIELD | Arrowhead Round                    | Kranjska Gora,   | SLO |
| September      | 18-19 | FIELD | Arrowhead Round                    | East Grinstead,  | GBR |
| October        | 2-3   | FIELD | Arrowhead Round                    | Cheb,            | TCH |
| October        | 9-11  | FIELD | Arrowhead Round                    | Minno, Gifu,     | JPN |
| November       | 13-14 | FIELD | Arrowhead Round                    | Parana,          | ARG |
| November       | 27-28 | FIELD | Arrowhead Round                    | Buderim,         | AUS |



# FITA Ranking List

by Leif Janson, FITA Council Member,  
Chairman Ad Hoc Committee for Marketing and Communication

## INTERNATIONAL & NATIONAL WORLD RECORD TOURNAMENTS

| W.R.:<br>Best 91:  | ESHEEV V.<br>FAIRWEATHER S. | KZK<br>AUS | 1352<br>1348 | 901018/22<br>911015 | Tashkent<br>Manila | W.R.:<br>Best 91:     | CHO, Youn-Jeong<br>KIM, Soo-Nyung | KOR<br>KOR | 1375<br>1356 | 920801<br>910817/25 | Barcelona<br>VM Krakow |
|--------------------|-----------------------------|------------|--------------|---------------------|--------------------|-----------------------|-----------------------------------|------------|--------------|---------------------|------------------------|
| MEN                | Nat. FITA Dat.              | Tourn.     |              |                     |                    | WOMEN                 | Nat. FITA Dat.                    | Tourn.     |              |                     |                        |
| 1. MCKINNEY R.     | USA                         | 1352       | 920512       | Tempe               |                    | 1. CHO Y.-J.          | KOR                               | 1375       | 920801       | Barcelona           |                        |
| 2. GROV M.         | NOR                         | 1341       | 920614       | Akkerhaugen         |                    | 2. KIM S.-N.          | KOR                               | 1364       | 920801       | Barcelona           |                        |
| 3. YAMAMOTO H.     | JPN                         | 1335       | 920527/31    | Welzheim            |                    | 3. LEE E.-K.          | KOR                               | 1355       | 920801       | Barcelona           |                        |
| 4. VOGELS H.       | NED                         | 1335       | 920913       | Goirle              |                    | 4. VALEVA N.          | MLD                               | 1346       | 920801       | Barcelona           |                        |
| 5. LIM H.S.        | KOR                         | 1333       | 920527/31    | Welzheim            |                    | 5. WANG X.            | CHN                               | 1336       | 920527/29    | Welzheim            |                        |
| 6. CHUNG J.-H.     | KOR                         | 1329       | 920801       | Barcelona           |                    | 6. PARKER D.          | USA                               | 1335       | 920512       | Tempe               |                        |
| 7. KIM K.-H.       | KOR                         | 1327       | 920511/16    | Inchun              |                    | 7. YOUN S.-H.         | KOR                               | 1331       | 920511/16    | Inchun              |                        |
| 8. BARRS J.        | USA                         | 1327       | 920527/31    | Welzheim            |                    | 8. KIM S.-J.          | KOR                               | 1328       | 920511/16    | Inchun              |                        |
| 9. ZABRODSKY S.    | UKR                         | 1326       | 920527/31    | Welzheim            |                    | 9. KURIVISHVILI K.    | EUN                               | 1328       | 920801       | Barcelona           |                        |
| 10. LIPPOLDT A.    | GER                         | 1324       | 920429/02    | Antalya             |                    | 10. WAGNER M.         | GER                               | 1324       | 920527/31    | Welzheim            |                        |
| 11. FLUTE S.       | FRA                         | 1324       | 921106       | Tsumagoi            |                    | 11. PARK C.-A.        | KOR                               | 1323       | 920511/16    | Inchun              |                        |
| 12. CHIKAREV V.    | KZK                         | 1323       | 920801       | Barcelona           |                    | 12. LAI F.-M.         | TPE                               | 1323       | 920801       | Barcelona           |                        |
| 13. VERSTEGEN E.   | NED                         | 1321       | 920719       | Wouw                |                    | 13. WILLIAMSON A.     | GBR                               | 1323       | 920801       | Barcelona           |                        |
| 14. MATSUSHITA T.  | JPN                         | 1321       | 921106       | Tsumagoi            |                    | 14. WANG Y.           | CHN                               | 1322       | 9202         | Wu Ming             |                        |
| 15. LIPPONEN J.    | F I N                       | 1319       | 920317/21    | Arizona             |                    | 15. YAO Y.            | CHN                               | 1322       | 9204         | De Yang             |                        |
| 16. REINIERS T.    | NED                         | 1319       | 920913       | Goirle              |                    | 16. WANG H.           | FRA                               | 1321       | 920801       | Barcelona           |                        |
| 17. HAN S.-H.      | KOR                         | 1318       | 920801       | Barcelona           |                    | 17. BONAL S.          | CHN                               | 1321       | 9202         | Wu Ming             |                        |
| 18. VERMEIREN P.   | BEL                         | 1317       | 920913       | Goirle              |                    | 18. MA X.             | CHN                               | 1319       | 9202         | Wu Ming             |                        |
| 19. BAEK J.-D.     | KOR                         | 1316       | 920511/16    | Inchun              |                    | 19. KIM C.-S.         | KOR                               | 1318       | 920511/16    | Inchun              |                        |
| 20. ALAHUHTA P.    | F I N                       | 1316       | 920710/11    | NN Karmöy           |                    | 20. TUNIANZ Y.        | KZK                               | 1317       | 920219/20    | Nevochebak          |                        |
| 21. ESHEEV V.      | KZK                         | 1316       | 920801       | Barcelona           |                    | 21. PARK Y.-S.        | KOR                               | 1316       | 920511/16    | Inchun              |                        |
| 22. FAIRWEATHER S. | AUS                         | 1315       | 920801       | Barcelona           |                    | 22. AHUNG K.-I.       | KOR                               | 1315       | 920511/16    | Inchun              |                        |
| 23. GAMMELGARD O.  | DAN                         | 1314       | 920401/02    | Rome                |                    | 23. NOWICKA J.        | POL                               | 1315       | 920801       | Barcelona           |                        |
| 24. KIM S.-N.      | KOR                         | 1314       | 920511/16    | Inchun              |                    | 24. CHOI E.-J.        | KOR                               | 1314       | 920511/16    | Inchun              |                        |
| 25. FU S.          | CHN                         | 1313       | 9204         | Da Yang             |                    | 25. KANG K.-O.        | KOR                               | 1313       | 920511/16    | Inchun              |                        |
| 26. WLOSIK K.      | POL                         | 1313       | 920819/20    | Kielce              |                    | 26. YI J.             | CHN                               | 1312       | 9202         | Wu Ming             |                        |
| 27. BJERENDAL G.   | SWE                         | 1312       | 920614       | Akkerhaugen         |                    | 27. ZHANG Y.          | CHN                               | 1311       | 9202         | Wu Ming             |                        |
| 28. RÖSICKE M.     | GER                         | 1310       | 920718/19    | Welzheim            |                    | 28. SÖWALL J.         | SWE                               | 1310       | 920317/21    | Tempe               |                        |
| 29. KIM J.-H.      | KOR                         | 1309       | 920511/16    | Inchun              |                    | 29. YOUNG Y.-J.       | KOR                               | 1310       | 920511/16    | Inchun              |                        |
| 30. POIKOLAINEN T. | F I N                       | 1309       | 920530/31    | Tampere             |                    | 30. CHOE M.-J.        | KOR                               | 1310       | 920511/16    | Inchun              |                        |
| 31. SETJAWAN H.    | I N A                       | 1309       | 920801       | Barcelona           |                    | 31. IM C.-A.          | KOR                               | 1309       | 920511/16    | Inchun              |                        |
| 32. PRIESTMAN R.   | GBR                         | 1308       | 920919       | Shotton             |                    | 32. CHUNG M.-S.       | KOR                               | 1309       | 920511/16    | Inchun              |                        |
| 33. HOLGADO J. C.  | ESP                         | 1307       | 920529       | Welzheim            |                    | 33. DODEMONT S.       | FRA                               | 1309       | 920607       | Soissons            |                        |
| 34. TORRES L.      | FRA                         | 1307       | 920613       | Nimes               |                    | 34. HUO R.            | CHN                               | 1308       | 9202         | Wu Ming             |                        |
| 35. ZUTHPEN F.     | NED                         | 1307       | 920913       | Goirle              |                    | 35. YANG S.-S.        | KOR                               | 1308       | 920511/16    | Inchun              |                        |
| 36. GILWESKI J.    | POL                         | 1307       | 920918/20    | Kielce              |                    | 36. LIN Y.-Y.         | TPE                               | 1308       | 920527/31    | Welzheim            |                        |
| 37. PARENTI A.     | I T A                       | 1306       | 920527/31    | Welzheim            |                    | 37. NASAFIDZE N.      | TUR                               | 1307       | 920801       | Barcelona           |                        |
| 38. FALCK I.       | F I N                       | 1306       | 920530/31    | Tampere             |                    | 38. BLOCK S.          | USA                               | 1306       | 920512       | Tempe               |                        |
| 39. ROUSSEAU C.    | CAN                         | 1306       | 920621       | Quebec              |                    | 39. KIM K.-W.         | KOR                               | 1306       | 920511/16    | Inchun              |                        |
| 40. RAM L.         | I ND                        | 1306       | 920801       | Barcelona           |                    | 40. ARZANKOVA L.      | EUN                               | 1306       | 920801       | Barcelona           |                        |
| 41. KAREKI M.      | JPN                         | 1306       | 921106       | Tsumagoi            |                    | 41. CAI P.            | CHN                               | 1305       | 9204         | De Yang             |                        |
| 42. GARINREITER A. | GER                         | 1305       | 920809       | Dachen              |                    | 42. KIM J.-H.         | PRK                               | 1305       | 920801       | Barcelona           |                        |
| 43. RUDSKOV V.     | KZK                         | 1305       | 920922/23    | Brest               |                    | 43. TESTA M.          | I T A                             | 1304       | 920801       | Barcelona           |                        |
| 44. MCGLYN J.      | USA                         | 1304       | 9207         | Oxford              |                    | 44. KOVACS J.         | HUN                               | 1304       | 920801       | Barcelona           |                        |
| 45. SAUTER T.      | GER                         | 1303       | 920718/19    | Welzheim            |                    | 45. LEE H.-J.         | KOR                               | 1303       | 920511/16    | Inchun              |                        |
| 46. MENENDEZ A.    | ESP                         | 1303       | 920611       | Huelva              |                    | 46. CHOI H.-M.        | KOR                               | 1303       | 920511/16    | Inchun              |                        |
| 47. LETULLE D.     | FRA                         | 1303       | 920719       | Vannies             |                    | 47. KWON M.-S.        | KOR                               | 1303       | 920511/16    | Inchun              |                        |
| 48. TERRY S.       | GBR                         | 1302       | 920401/02    | Rome                |                    | 48. KIM M.-J.         | KOR                               | 1302       | 920511/16    | Inchun              |                        |
| 49. FELIPE B.      | FRA                         | 1302       | 920412       | Ajaccio             |                    | 49. LEE M.-H.         | KOR                               | 1301       | 920511/16    | Inchun              |                        |
| 50. ANCHONDO J.    | MEX                         | 1302       | 920801       | Barcelona           |                    | 50. LEE M.-O.         | KOR                               | 1301       | 920511/16    | Inchun              |                        |
| 51. MILLET S.      | FRA                         | 1302       | 920823       | Ingelmunster        |                    | 51. KOROTKIN E.       | POL                               | 1300       | 920429/31    | Antalya             |                        |
| 52. KIVILÖ R.      | EST                         | 1302       | 920830       | Tampere             |                    | 52. SHUNG C.-S.       | KOR                               | 1300       | 920511/16    | Inchun              |                        |
| 53. KALETA K.      | POL                         | 1302       | 920910/20    | Kielce              |                    | 53. KU J.-W.          | KOR                               | 1300       | 920511/16    | Inchun              |                        |
| 54. KWIECIEŃ K.    | POL                         | 1301       | 920317/21    | Arizona             |                    | 54. LEE M.-Y.         | KOR                               | 1299       | 920511/16    | Inchun              |                        |
| 55. KIM H.-H.      | KOR                         | 1301       | 920511/16    | Inchun              |                    | 55. HWANG J.-H.       | CHN                               | 1298       | 920511/16    | Inchun              |                        |
| 56. LEE J.-K.      | KOR                         | 1301       | 920511/16    | Inchun              |                    | 56. ZHANG F.          | KOR                               | 1298       | 920511/16    | Inchun              |                        |
| 57. AUTEM A.       | BEL                         | 1301       | 920815       | Antoing             |                    | 57. KIM H.-K.         | NED                               | 1298       | 920529       | Welzheim            |                        |
| 58. KOONIGS G.     | NED                         | 1301       | 920913       | Goirle              |                    | 58. VAN ROZENDAAL J.  | USA                               | 1297       | 920512       | Tempe               |                        |
| 59. HALLARD S.     | GBR                         | 1300       | 920503       | Lillehall           |                    | 59. O'DONELL J.       | KOR                               | 1297       | 920511/16    | Inchun              |                        |
| 60. ELIASON E.     | USA                         | 1300       | 920512       | Tempe               |                    | 60. KIM C.-S.         | KOR                               | 1297       | 920511/16    | Inchun              |                        |
| 61. VAN DE VEN R.  | BEL                         | 1300       | 920607       | Mol                 |                    | 61. HWANG M.-H.       | KOR                               | 1297       | 920511/16    | Inchun              |                        |
| 62. WITTIG H.      | GER                         | 1300       | 920815/16    | Schwaz              |                    | 62. PARK C.-S.        | KOR                               | 1297       | 920511/16    | Inchun              |                        |
| 63. BAERT Y.       | BEL                         | 1300       | 920822       | Ingelmunster        |                    | 63. CHAN J.           | PH I                              | 1297       | 921110       | Q.C.                |                        |
| 64. FAPPIANO P.    | FRA                         | 1299       | 920621       | Provence            |                    | 64. KRIZ C.           | GER                               | 1296       | 920429/02    | Antalya             |                        |
| 65. GREENHAM G.    | AUS                         | 1298       | 920801       | Barcelona           |                    | 65. KWON M.-J.        | KOR                               | 1296       | 920511/16    | Inchun              |                        |
| 66. HWANG J.-W.    | KOR                         | 1297       | 920511/16    | Inchun              |                    | 66. CHO K.-M.         | KOR                               | 1296       | 920511/16    | Inchun              |                        |
| 67. RASOR A.       | USA                         | 1297       | 9207         | Oxford              |                    | 67. ADAMS J.          | USA                               | 1296       | 920512       | Tempe               |                        |
| 68. YOSHIDA T.     | JPN                         | 1297       | 920906       | Tokyo               |                    | 68. NURFITRIYANA S.   | I N A                             | 1296       | 920527/31    | Welzheim            |                        |
| 69. WU T.-Y.       | T A I                       | 1296       | 920329/01    | Pu Li               |                    | 69. KIM M.-H.         | KOR                               | 1295       | 920511/16    | Inchun              |                        |
| 70. PARK K.-M.     | KOR                         | 1296       | 920511/16    | Inchun              |                    | 70. LEE S.-M.         | KOR                               | 1295       | 920511/16    | Inchun              |                        |
| 71. CHOO W.-Y.     | KOR                         | 1296       | 920511/16    | Inchun              |                    | 71. PANDIANGAN P.     | I N A                             | 1295       | 920527/31    | Welzheim            |                        |
| 72. RYTTER J.      | DAN                         | 1295       | 920501       | Antalya             |                    | 72. JOHNSTONE F.      | NZL                               | 1294       | 920115       | Christenh.          |                        |
| 73. OKU N.         | JPN                         | 1295       | 920529       | Welzheim            |                    | 73. KANG K.-H.        | KOR                               | 1294       | 920511/16    | Inchun              |                        |
| 74. SIZOV D.       | EUN                         | 1295       | 920623/24    | EM Malta            |                    | 74. QI G.             | CHN                               | 1293       | 9202         | Wu Ming             |                        |
| 75. SHIN V.        | KZK                         | 1295       | 921021/28    | Dushanbe            |                    | 75. SONG S.-S.        | KOR                               | 1293       | 920511/16    | Welzheim            |                        |
| 76. RABSKA D.      | USA                         | 1294       | 920512       | Tempe               |                    | 76. BADMATSIRENOVA N. | RUS                               | 1293       | 920527/31    | Welzheim            |                        |
| 77. HUISH J.       | USA                         | 1294       | 9207         | Oxford              |                    | 77. HYO B.-J.         | KOR                               | 1292       | 920511/16    | Inchun              |                        |
| 78. DAMAN P.       | BEL                         | 1294       | 920726       | Waterloo            |                    | 78. HOPE M.           | POL                               | 1292       | 920918/20    | Kielce              |                        |
| 79. TOFT H.        | DEN                         | 1294       | 920801       | Barcelona           |                    | 79. MENG D.           | CHN                               | 1291       | 9204         | De Yang             |                        |
| 80. TODA A.        | JPN                         | 1294       | 921106       | Tsumagoi            |                    | 80. CHUN J.-M.        | KOR                               | 1291       | 920511/16    | Inchun              |                        |
| 81. GIESA S.       | GER                         | 1293       | 920718/19    | Welzheim            |                    | 81. PARK M.-K.        | KOR                               | 1291       | 920511/16    | Inchun              |                        |
| 82. HUGHES D.      | GBR                         | 1293       | 920929       | Lilleshall          |                    | 82. LEE S.-M.         | KOR                               | 1291       | 920511/16    | Inchun              |                        |
| 83. PARK K.-S.     | KOR                         | 1292       | 920511/16    | Inchun              |                    | 83. HIBON N.          | FRA                               | 1291       | 920524       | Rueil               |                        |
| 84. TUOVILA T.     | F I N                       | 1292       | 920516/17    | Lahti               |                    | 84. IORIATTI C.       | I T A                             | 1291       | 920527/31    | Welzheim            |                        |
| 85. BRAATHEN Ø.    | NOR                         | 1292       | 920529       | Welzheim            |                    | 85. OUCHI A.          | JPN                               | 1291       | 921106       | Tsumagoi            |                        |
| 86. LIU G.         | CHN                         | 1291       | 9202         | Wu Ming             |                    | 86. LIU B.            | CHN                               | 1290       | 9204         | De Yang             |                        |
| 87. STONEBRAKER R. | USA                         | 1291       | 920329       | Austin              |                    | 87. MENSING B.        | GER                               | 1290       | 920429/02    | Antalya             |                        |
| 88. SHIN K.-H.     | KOR                         | 1291       | 920511/16    | Inchun              |                    | 88. CHANG M.-H.       | KOR                               | 1290       | 920511/16    | Inchun              |                        |
| 89. PLYPCHUK J.    | USA                         | 1291       | 9207         | Oxford              |                    | 89. PARK M.-H.        | KOR                               | 1290       | 920511/16    | Inchun              |                        |
| 90. MARTIN J.      | USA                         | 1291       | 9207         | Oxford              |                    | 90. GELANTEH R.       | I N A                             | 1290       | 920527/31    | Welzheim            |                        |
| 91. VAZQUEZ M.A.   | ESP                         | 1291       | 920801       | Barcelona           |                    | 91. NAGAMI M.         | JPN                               | 1290       | 921106       | Tsumagoi            |                        |
| 92. PACE D.        | USA                         | 1290       | 9207         | Oxford              |                    | 92. KIM Y.-H.         | KOR                               | 1289       | 920511/16    | Inchun              |                        |
| 93. DAMAN P.       | KOR                         | 1289       | 920511/16    | Inchun              |                    | 93. LIN P.-Y.         | TPE                               | 1288       | 920315/19    | Hua Lian            |                        |
| 94. MOSKALEWICZ P. | BEL                         | 1289       | 920913       | Goirle              |                    | 94. LEE Y.-H.         | KOR                               | 1288       | 920511/16    | Inchun              |                        |
| 95. SUN H. C.      | POL                         | 1288       | 920317/21    | Arizona             |                    | 95. KU M.-R.          | KOR                               | 1288       | 920511/16    | Inchun              |                        |
| 96. SAIDISV N.     | T A I                       | 1288       | 920329/01    | Pu Li               |                    | 96. YU C.-S.          | KOR                               | 1288       | 920511/16    | Inchun              |                        |
| 97. SAIDISV N.     | KZK                         | 1288       | 920507/11    | Alma-Ata            |                    | 97. PARK H.-Y.        | KOR                               | 1288       | 920511/16    | Inchun              |                        |
| 98. TAUPIN M.      | FRA                         | 1288       | 920527/31    | Welzheim            |                    | 98. MOON Y.-H.        | KOR                               | 1288       | 920511/16    | Inchun              |                        |
| 99. KEAGGY D.      | FRA                         | 1287       | 920426       | Antibes             |                    | 99. SOUSA A.          | POR                               | 1288       | 920801       | Barcelona           |                        |
| 100. REY F.        | FRA                         | 1287       | 920527/31    | Welzheim            |                    | 100. LEONOVA I.       | KZK                               | 1287       | 920219/20    | Nevochebak          |                        |
| 101. KOLESNIK Y.   | I S R                       | 1287       | 920527/31    | Welzheim            |                    | 101. VAN DUICK S.     | NED                               | 1287       | 920527/31    | Welzheim            |                        |
| 102. VENANT T.     | FRA                         | 1287       | 920608       | Morez               |                    | 102. EICHINGER H.     | GER                               | 1287       | 920718/19    | Welzheim            |                        |
| 103. CADIEUX S.    | CAN                         | 1287       | 920712       | Quebec              |                    | 260. ZHANG P.         | CHN                               | 1250       | 9209         | Xi Ning             |                        |
| 104. PFISTER J.    | USA                         | 1287       | 9207         | Oxford              |                    |                       |                                   |            |              |                     |                        |
| 105. MARCOCH F.    | GER                         | 1287       | 920718/19    | Welzheim            |                    |                       |                                   |            |              |                     |                        |
| 106. VIERMAA T.    | F I N                       | 1250       | 920530/31    | Tampere             |                    |                       |                                   |            |              |                     |                        |

NOTE: Results from Jan. 1st - June 30, 1993 must be sent to the FITA Office in Milan till July 15, 1993. !!!

## APPOINTMENT OF JUDGES

### XII MEDITERRANEAN GAMES

June 18-20, 1993  
Languedoc - Roussillon (FRA)

President:  
Jacques Daunan (FRA)  
Members:  
Jay Ben-Ari (I SR)  
Kernal Erer (TUR)  
Derrick Lovell (GBR)  
Alternates:  
Petros Petrou (CYP)  
Gabriele Valentini (SMR)

### IV WORLD GAMES

July 29 to August 1, 1993  
The Hague (NED)

President:  
J. F. Brossard (FRA)  
Members:  
Klaus Lindau (GER)  
Jeanott Schoos (LUX)  
François Wies (LUX)  
Clifford Bluck (GBR)  
Alojz Mauser (CRO)  
Um Sung-Ho (KOR)  
Alternates:<



# CORRELATION BETWEEN ARCHERY COMPETITIONS AND MENTAL STATUS

by Hyung-Tak Kim (KOR), Archery Head Coach of Chinese Taipei

In archery, mental status affects archers a lot more than physical strength, techniques and talent. Mental variations will influence the performance of everyday practice and the result of the competition. If the archer is getting nervous during the competition, the missing arrows will increase and the concentration ability will decrease. Therefore many sport psychologists are working on this field, trying to solve the problem. It is not easy to apply the psychological theories to the real coaching job. To win or lose in a competition usually depends on whether the coach is able to control the mental status of an archer.

I have been coaching for 20 years. And I would like to share some of my coaching experiences. So an athlete and a coach have to work together to decrease their competition anxiety. Of course, the coach must have enough psychology training background to solve the problems.

## 1. The management of athlete's mental status

It is not difficult to find out about archers' characters. Their personalities differ. For instance, their characters may be from out-going to very shy. The coaching style will differ too. The introvert athlete will be very nervous and frightened if the coach criticizes him in front of everyone. It will be more efficient to correct the athlete's behavior and skills if the coach explains all the details in private. The mistakes will be corrected in a short time. Different archers need different ways of coaching. Some will be persuaded easily by watching video tapes of their own performance. Some need inspiration and encouragement. And sometimes punishment is needed. So the coach should analyze archers' characters and find out the most efficient way before starting to coach.

The communication environment and seats arrangement are also very important. Some people do not want anyone else to know their training problems. They try to solve their problems on their own but they are incapable to and it gets on their nerves. In this case, the coach should not sit face to face to the archer because it would make him more nervous and tense. He should sit by the archer's side and pat on his shoulder. It will relieve the athlete's tension. And it should be easier for the archer to say what is bothering him.

The same goes for the instructions for the archery techniques. For instance, when the archer's release is not very steady, the coach should tell him how and why his release is not good and encourage him by saying: "Your release is getting better, now all we need are small corrections", instead of "How come you never do the right release?" or "Why did you make mistakes again?" Then it gives him the confidence of being able to modify his skills.

Rest days and breaktimes should be divided into two ways, regular and irregular ones. The regular rest days are planned in the whole week's practice schedule. So everyone knows when they are going to have a day off. But a little encouragement is more efficient for their practice motivation, such as a few hours rest in the morning which is not on the schedule list but announced the day before, right after the last practicing hour. The coach should say that their performance and concentration improved, and their hard job earned half a day off. Everyone would feel happy and the archer would be encouraged to practice harder after the rest.

The coaching and communication style depend on the archer's characters. If we can use some psychological theories and skills in coaching, the results of archer's performance will be totally different.

## 2. Mental preparation before competition

The archers usually have competition anxiety which manifest themselves in many things. The anxiety effects the practice performance before the competition. And that makes the archers very tense.

The archers feel a lot of pressure when they think about their friends, parents, the team and the coach, especially those who are top archers in the world. The coach should help the athletes to reduce their pressure as much as possible in order to let the archers maintain their average scores during the competition. The coach has to do whatever he can to understand and control the archer's mental problems. Further more, the coach has to talk to the archer's family and friends, and get their cooperation helping him in such a way as to relieve the tension.

At the 1984 L.A. Olympic Games, everyone were expecting the Korean archer - Kim Jin-Ho to be the winner, but unexpectedly the Gold Medal was taken by another Korean archer - Seh Hiang-Soon. In Korea, Kim Jin-Ho was expected to be the best archer and she knew that. The expectation led to the her pressure. She got tense and nervous and because of the pressure she did not shoot well. In the other hand, it was Seh Hiang-Soon's first time to take part in the international competition. She was not expected to get any medal in the competition. There was no pressure from herself and the others. As a coach, it was very easy for me to help Hiang-Soon to adjust her mental status. She reached her optimal performance very easily. And that's why she got the Gold Medal.

## 3. Worries regarding the posture

The archers usually get very tense about their postures and lose their confidence. So the coach should not be too mean about archers' skills before the competitions. Just tell them to concentrate on the most important one or two parts of their motion while preparing for the competition. Ask them to forget totally the mistakes they made before. Usually, I do not say much about their postures one week before the competition unless it is extremely important but rather pay more attention to the archers' counselling and disciplines.

## 4. Mental status of archers during competitions

Archers are always so tense that they forget what and how they should do during the competition. If the arrows hit unexpected area, they get more nervous and feel that they are failing the performance especially when they are competing in the grand final. The coach should do everything he can to reduce the tension and pressure of the archer during the competition. Sometimes music can do the job. I prefer Mozart's Symphony No.38 and 39. The coach should try not to show his anxiety if archers have bad shots and missing arrows. He should ignore the archer's mistake when he walks back to the waiting line to release his guilty feeling. After a short break when the archer's mood calms down, the coach should explain to the archer the cause of his mistakes and how to correct his shooting and then talk to the archer about something else to draw his attention from the mistakes he made.

Image of training at the time of the rising sun sometimes helps relieve the tension. And the coach has to remove all the possible outside noises. Here is an example of the environment interruptions that really happened before:

At the 1990 Beijing Asian Games, a North Korean archer was going to win the Grand Final Round. At the last end, she got 27 points and her opponent got 30, but still she would be the champion. In the meantime, all journalists and reporters rushed to her and waited to take pictures. Because of the interruption from the others, she became very nervous and failed her last 3 shots and her ranking went down to the 4th.

Sometimes, if we know the archer's performance, it is not good enough to be successful, we can use placebo to help them reach the optimal level. Here is another real example that happened during the same competition:

In the quarter final, our men's team ranking was the 8th. I had told them two months before the Asian Games that I used some pills in Korea which I got from a friend who worked as a doctor in the Air Force Base. They may be used for the pilots to relieve their tension. It worked very well with my archers. I told them I would try my best to get some for them too should they need them, because they could be very useful during the competition. They would feel a little bit warm on their ears and feel less tense. So they took the pills before the competition and they felt exactly the way I told them. The result was remarkable. The pills were just a digestive. They felt less tense and a little warm on the ears after taking the pills because I told them so. They accepted the suggestion very deeply. They were persuaded mentally and the result turned out very good.

## 5. Concentration training

Concentration ability is a very important factor in archery. If an archer cannot concentrate during the performance, it is impossible to have good performance. It is quite difficult to concentrate during the competition if an archer does not pay attention to whatever he should focus his spirits on. So the concentration training in routine practice is necessary.

### A. Spot watching

A B C

- put three spots on the wall or on the whiteboard as above.
- concentrate on watching spot B until spots A and C are out of sight.
- then watch A until the others disappear.
- then watch C until the others disappear.

Concentrating on watching one spot until the others disappear visually will take a long time at the beginning. The more you practice this method, the less time you will need to finish the whole training process.

### B. Cut out the 10 point area of the target face

Cut out the 10 point area of the target face. The area becomes dark. At the beginning, practice aiming at the cut out area at 30 meters shooting line. The archers will concentrate on the spot. Then move it to 50 meters distance and so on. The archers will then concentrate on the spot naturally, especially at night time with the light on. The main purpose of this exercise is to help archers increase both their concentration and aiming abilities. After this training, they will feel more confident to image the background of 10 point area becoming darker which helps the grouping.

### C. Imagining writing numbers

Write numbers from 1 to 10 precisely in mind with eyes closed. Then reverse the sequence. Repeat them several times per lesson. We have to ask the archers to write them down very precisely and clearly. It is a very easy way to help the beginners to do the concentration exercise, especially for those who can not concentrate during the shooting.

### D. Watching the second hand of a clock

Watch a clock very carefully and count from 1 to 5 as the second hand of the clock goes. Recount the numbers from 1 to 5 every 5 seconds. Repeat the counting for one minute. Take a short break. Repeat the lesson again, but this time with the eyes closed, for one minute. Then check the timing on the clock after the practice.

Besides these concentration lessons there are a lot of ways to increase the concentration ability which will be very helpful to the archers. The most important thing which the archers have to bear in mind is to keep their mood very calm and concentrate their mind as much as possible.



# GET SERIOUS

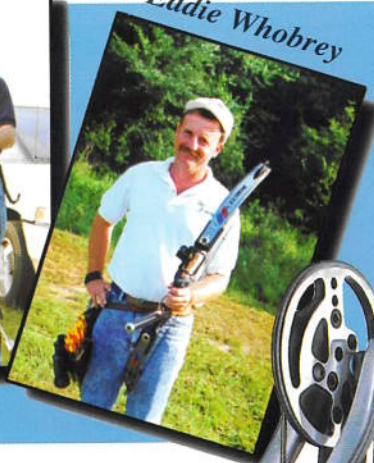
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