



OFFICIAL BULLETIN



FITA

Fédération
Internationale
de Tir à l'Arc

International
Archery
Federation

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CONTENTS

Pages 3 - 4:

Editorial

Instructions for FITA Official
Bulletin Subscription

Page 5:

FITA Procedure for Participation in
the 1996 Olympic Games
Olympic Archery Day
Welcome to the Olympic Museum!

Page 6:

Central American & Caribbean
1994 Games

Ponce (PUR)

Page 7:

The 8th Asian Cup

Ujung Pandang (IND)

Page 8:

SKI-ARC Competition Impresses
FITA Council Members

Park City, Utah (USA)

Page 9:

Birkebeiner Warrior Reincarnated

Park City, Utah (USA)

Pages 10-11:

Visit of FITA Council Members to
Salt Lake City Plants - Utah (USA)

Page 12:

Xth Italian SKI-ARC Championships
La Thuile, Valle d'Aosta (ITA)

Page 13:

European SKI-ARC Cup '94

Prati (ITA) - Permanon (FRA)

Page 14:

Calendar FITA

Page 17:

FITA Ranking List - 1993
Appointment of Judges

Page 18:

New Olympic Round

FRONT COVER PHOTOS

1. 2002 Winter Olympics could take place in the beautiful Salt Lake City mountains.
2. A lot of American juniors are very interested in Ski-Arc - mostly compound.
3. The shooting is from standing and kneeling positions at a distance of 18 meters.
4. Ed Eliason tournament organizer, informs Jim Easton, FITA President, that the competition may start.
5. Archers shoot from kneeling position after skiing 8 kilometers in full speed. Target no. 1 is a new drop down target.
6. Ed Eliason explains FITA Council Members and George Helwig, First Honorary Vice-President, some details of the Ski-Arc tournament.

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Your FITA Committees and officers have been very busy since the end of our Congress in Antalya. A lot of work needed to be done to prepare the Congress action for inclusion in our Constitution & Rules book.

FITA is pleased to announce that the new FITA Constitution & Rules changes that were passed at our 1993 Congress in Antalya are completed. Many days of intense work were put in by the C&R Committee and Don Marcure in preparing the rules book.

I would like to thank the C&R Chairman, Steve Lieberman and the committee members, Klaus Schulz and Giuseppe Cinnirella for their tremendous effort. I would also like to thank Don Marcure for his collaboration and preparation of the document.

The National Archery Association of the United States has printed the new »Green« FITA rules book in English and has it for sale now. The French version is currently being translated and will be complete this spring. The FITA administrative office in Milan will send out the new rules book to reach Member Association. Extra copies will be available for purchase from the NAA of USA or the FITA Milan office. For a small charge, the rules will be available from the FITA Milan office in an 8"x11" full size to fit the original loose leaf notebooks.

Your president recently attended an IOC-NOC-IF meeting in Lausanne, Switzerland where all Olympic Federations met to discuss and approve two major proclamations: (1) to establish a fully independent Court of Arbitration for Sports and (2) to confirm a uniform doping ban and sanctions for all sports. I am pleased that both issues were approved and FITA signed both. The cooperation and unity of the Olympic movement was very evident at this historic meeting.

For several years, FITA rules have included the requirement that any conflict that cannot be settled through the FITA appeal process would go before the Court of Arbitration for Sports in Switzerland and therefore be heard by an independent group of sports law experts. This is a far less expensive, quicker and a more intelligent way to settle any possible dispute rather than become involved in the Civil Court system.

The doping rules of FITA comply with those of the IOC and our penalties will also correspond. Any archer with a positive test for banned substances will receive a two year suspension for the first offense.

In January, the FITA Council gathered in Salt Lake City, Utah for a two day meeting that was hosted by the Salt Lake City Olympic Bid Committee for the 2002 Winter Olympic Games.

On the day before our meeting started, FITA Council visited the Ski-Arc competition held as part of the Utah Winter Games. The new flip down target as designed by Franco Carminati of Italy was tested on one position. There is a great potential for this archery discipline, especially among cross-country skiers. Please see the article written by Denise Parker in this Bulletin (page 8), and the article written by Lynne Evans (page 9).

The following will be a few highlights of the Council meeting that may be of interest.

1. FITA expenses for 1993 were under budget.
2. The 1994 budget was approved. It was decided that Member Associations that have not paid their dues for 1994 will not be able to compete in any 1994 FITA Championships. Also, Judges from non-paying members will not be able to serve at FITA Championships. It is necessary for all members to pay the small FITA dues and become an active member of FITA.
3. FITA Committee Liaison members were selected as follows:

a) Competitors Committee -	Raoul Theeuwes (BEL)
b) Target Archery Committee -	Paul Paulsen (NOR)
c) Field Archery Committee -	Klaus Dietrich Schulz (GER)
d) Medical Committee -	Lynn Evans (GBR)
e) Technical Committee -	Leif Janson (SWE)

These Council members will be responsible to assist the committees and report committee results to Council.
4. A detailed »Olympic Games Archery Competition Description« has been prepared and will be sent to all Member Associations. A similar document will be available to describe the World Outdoor Championship format and will also be sent to all FITA members and organizers of Olympic and FITA Championship events.
5. A contract will be prepared to sign with all FITA Championship Organizers to assure a FITA quality tournament.
6. It was reported that the new »gold spot« field faces are available from at least two of the FITA target face licensees. These faces and the new rules will be used at the 1994 World Field Championships.
7. FITA has temporarily recognized the first two Regional Unions - Europe and Mediterranean Archery Union and the Asian Archery Federation. These Unions will adhere to all FITA rules and will be responsible to hold regional championships and training seminars. Final approval will be requested at the 1995 Congress.
8. Reports were received on currently assigned FITA Championships. The 1996 Junior World Championships were officially awarded to the NAA of the USA. They will be held in San Diego, California at the new multi-sport U.S. Olympic Training Center. Dates are July 4-9, 1996. The 1994 Junior World Championships will include compound bows and use the recently approved FITA Championship Olympic Round rules.
9. Council confirmed that compound archers have been able to set world records since January 1, 1993 for the FITA Outdoor Target Round if scores are shot on the licensed FITA official inner-10 ring faces. Because of some possible confusion, Council has allowed any 1993 scores to be claimed before April 1, 1994. Only scores greater than the most current record will be recorded.
10. Another archers' ranking plan will be developed by a task force comprised of Leif Janson (SWE), Lynn Evans (GBR), and Raoul Theeuwes (BEL). The single Outdoor FITA Round high score ranking will be maintained, and a new one will be developed for the Olympic Round match competition.

Eventually, we hope to develop a ranking system for Field and Indoor Archery also.



Mr. Nikola Skoric (1923-1994)
FITA Vice-President (1983-1994)
FOB Editor-in-Chief (1990-1994)

On the afternoon of Saturday 30th April, just when he had finished this issue of the Bulletin, its Editor-in-Chief and FITA Vice-President, Nikola Skoric, passed away.

Nikola Skoric was an enthusiastic marksman since his early youth and he devoted most of his life to this sport. As an exceptionally hardworking man, calm and collected by nature, he became a top sportsman. He was world champion twice, and he even managed to equal the absolute world record in shooting with a high-calibre military rifle (Caracas, Vienna). He became interested in archery in 1953. As he himself said, as soon as he started using a bow and arrow he fell in love with this discipline and it became his main preoccupation until his death, for a full 40 years.

Few sportsmen have done as much for their sport in their own country as Nikola Skoric did for his. He founded the first archery club in the country in 1955 and organized the first championships in former Yugoslavia. He then founded an archery committee within the Shooting Federation of Croatia. Not long afterwards he dissociated archery from the Shooting Federation and founded a separate Archery Federation for the whole of ex-Yugoslavia, headquartered in Zagreb, which was unusual at that time, and this has not changed. Due to his efforts, the Federation became a member of FITA.

He organized numerous national and international tournaments and championships. Due to his dedication and hard work, he gained the friendship and trust of officials of other European federations and of FITA. He was thus able to organize the European Target Archery Championships in Zagreb, as well as the European and World Field Archery Championships in 1994. Both events were very successful. He received international recognition when he was elected a member of the FITA Council. He also made a significant contribution to the work of various international committees of which he was the president or a member: the Development and Technical Assistance Committee, the Target, the Field, the Judges Committee, and others.

His dedicated and selfless efforts were rewarded by his election to the office of FITA Vice-President in 1983. He held that position for a full 11 years, until his death.

During all this time Nikola, as an enthusiastic archer and true sportsman, took part in numerous competitions and fought for every point. He was champion on more than one occasion and he was awarded the FITA Gold Plaque and the FITA Star for 1000 and 1100 points, and numerous other awards and prizes. At the request of Jim Easton, the newly elected FITA President and the new director of the FOB, Nikola Skoric became the Editor-in-Chief of this Bulletin. He edited 10 issues over the last 4 years, from No. 42 1990 to this latest issue, No. 51. He managed to make every issue better than the previous one.

All that he achieved was the result of hard work and perseverance arising for a great love for archery. The sport of archery owes a lot to enthusiasts like Nikola Skoric, without whom it could not have developed as it has. His sudden death has robbed us of an honourable and noble person, a great sportsman and a wonderful friend. We shall never forget him.

May he rest in peace.

Nikola Skoric's funeral took place at the Mirogoj cemetery in Zagreb on 4th May 1994. It was attended by numerous sportsmen, admirers and friends of the deceased. Almost all the Croatian archers and marksmen, as well as representatives of some foreign federations (Austria, Slovenia, Italy, etc.) came to pay their last respects. Regrettably, there was no FITA representative. (From the publisher)

11. FITA has agreed to participate fully with the IOC »International Year of Sport and Olympic Ideal«. Raoul Theeuws will be the coordinator and Leif Janson will assist.
12. Technical Delegates were assigned for all FITA Championships.
13. A Technical Delegate training class will be developed, along with a training manual. Don Lovo and Klaus Dietrich Schulz will prepare the Manual.
14. Council will prepare an award system for indoor rounds and present it to the next Congress.
15. Council will prepare some information to help the regional Unions or Member Associations organize the Olympic Qualification tournaments. These tournaments may be held anytime from January 1, 1995 to two months before the official registration by name is required by the Olympic Games organizers (approximately May 1, 1996).
16. A calendar of dates to submit and amend motions for the 1995 Congress will be prepared.

Our new rules will require motions to be submitted to the relevant committees well in advance of Congress and will not allow for amendments from the floor. This will make sure that everyone has a chance to review and suggest changes to any amendment before Congress.

The Council meeting went very well and we will continue to improve FITA while attempting to maintain stability in our shooting rules through the 1996 Olympic Games.

I would like to thank all Council members who attended the meeting in Salt Lake City for their cooperation, suggestions and sincere effort to improve our sport.

I would also like to thank Nikola Skoric, Editor-in-Chief of the FITA Official Bulletin. We are very proud of the quality of this publication and encourage our members and individuals to subscribe to the FITA Bulletin. Please see the instructions on this page.

We have two World Championships in 1994, the Junior World Outdoor in Italy and the World Field Championships in France. We have two continental Championships, European and Asian in 1994, where the Compound Division will be included for the first time.

In addition, the Goodwill Games will take place in St. Petersburg, Russia where archery will be included for the first time. The eight archers who are invited will go directly into the Olympic Round Finals. It will be a busy year of archery competition.

I wish all archers and officials a successful archery season.

INSTRUCTIONS FOR FITA BULLETIN SUBSCRIPTION

The FITA Bulletin has been greatly improved under the direction of Nikola Skoric. The timeline of the publication is far more adequate. It reports on the latest action of FITA Congress, the FITA Council meeting and the many FITA Committees. Information is valuable to our Member Association officials and their individual archery members.

FITA would like to increase the distribution of the Bulletin. The most efficient way is to send bulk copies to our Member Associations and have them send out to their Members. This will save greatly our postage. The minimum bulk-quantity is 10 copies.

FITA will sell Bulletins in bulk to all Member Associations for the approximate cost of air mail or air freight. We have calculated this to about US\$ 1.00 per copy.

The Member Associations could then sell to their members for a price that would cover the freight from FITA and the postage to the individual member. This could be about US\$2.00 per issue. Of course, the Member Association could add more to cover their cost of handling the mailing. The Member Associations could also include a newsletter with national information for their members. FITA may also offer individual subscriptions to individual archers, but at a US\$ 4.00 per issue price. I would like to personally ask you to consider helping FITA get better distribution of the FITA Bulletin. Without better utilization of this Bulletin by our members, we will not be able to continue such a high level publication. Your help is requested. Please send in the attached order form for FITA Bulletins.

Thank you for your cooperation.

James L. Easton, FITA President

FITA COUNCIL MEMBERS

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FRA	France	MON	Monaco	UZB	Uzbekistan
GBR	Great Britain	NED	The Netherlands	VEN	Venezuela
GEO	Georgia	NEP	Nepal	ZAM	Zambia
		NGU	Papua New Guinea	ZIM	Zimbabwe

FITA Procedure for Participation in the 1996 Olympic Games

The IOC and FITA have agreed to limit the number of participants in the 1996 Olympic Games to 128, 64 Women and 64 Men.

The procedure for selecting the archers is the following:

There are three (3) methods used to select the maximum number of archers that a NOC may send to the Olympics:

1. World Championships ranking.
2. Continental Tournament ranking.
3. Development places - Tripartite Commission of IOC-FITA-NOC

The archers who qualify through the above three methods will win a place for their Country.

They will not win a place for themselves. The NOC of each Country will decide on how many archers (up to a maximum places qualified) they will send to the Olympics, and our Member Associations will choose these archers in any way they desire.

1. First Qualification.

WORLD CHAMPIONSHIP RANKING

The largest qualification will occur at the World Championships the year prior to the Olympic Games. The ranking at the World Championships will be used to select the archers for this qualification.

The top 40 places for men and 40 places for women will be chosen with the following limits:

- 1.1 Only three places for men and three places for women can be awarded per country. If any country has qualified four archers within the top 40 men and 40 women, the fourth archer will not win qualifying places and those places will go to the countries with archers that are in the position following the top 40 men's or 40 women's rankings.
- 1.2 Only 8 countries can earn three (3) places for men and for women at the World Championships.
- 1.3 After 8 countries have qualified three places, no more than two (2) places per country can be awarded until all the allowed spaces are filled.

2. Second Qualification.

CONTINENTAL TOURNAMENT RANKING

- 2.1 Before and after the World Championships, there will be seven official FITA qualifying tournaments selected on the following basis:
 - At least one major tournament (s) or Continental Championship in each Olympic Continent.
 - At least two teams from countries other than the host country must attend. The results must be confirmed by an FITA international judge.
 - Confirmed tournament results must be at FITA two months before the Organizing Committee of the Games (O.C.O.G.) requests registration by name and must be shot during the prior 18 months period.
 - In the qualifying tournaments, no more than two places for men and two places for women can be selected from any one country.
 - Qualifying tournaments must be a registered FITA Star Tournament.
- 2.2 The place will be selected at the Qualifying

Tournaments as follows:

- An archer that has won a qualifying place for their country at a World Championship may NOT win another place for their country.
- Archers from countries outside the defined continental area may participate in any continental tournament, but may NOT win places for their country in that competition.
- No country can win more than two places for men and two places for women in a FITA Continental Qualifying Tournament.
- If earned places at a qualifying tournament are not accepted by a Member Association or NOC, the Executive Committee will allocate the unused places to the next eligible countries that wish to have the place (s).
- If a continental region does not have a qualifying tournament, the places allocated to the continent will be designated by the Executive Committee as follows:
 - * 2 of the six places will be chosen from the next highest scores from the World Championships Tournament.
 - * 4 will be allocated by the Tripartite Commission to countries in that continental region that wish to send archers. The archers must have met the FITA minimum qualifying scores.

By earning one or two more places at qualifying tournament it is possible for the number of 3 person team to exceed the number of teams (8) selected at the World Championships.

If there are more than 12 and less than 16 teams at the Olympics, the top teams will receive a bye. (e.g. if only 14 countries have teams at the Olympics, the n. 1 and n. 2 ranked team will not shoot the first round of competition and will automatically move to the second round).

If there are more than 16, the top 16 will be selected during the Ranking Round at the Olympics. If there are less than 12, then the top 8 will go into the Finals. If an archer earns an Olympic place for his country at the Continental Tournament before the World Championships, then the World Championships place will replace the Continental place earned. If this happens, the next ranked archers in the Continental Tournament will earn a place for their country.

3. Third Qualification.

DEVELOPMENT PLACES

The tripartite Commission (IOC-FITA-NOC) will have three (3) spaces for men and three (3) spaces for women to hand out to encourage the development of our sport. These may be to countries that have not won a qualification place at the World Championships or other qualifying tournaments. No more than one place will be given for a man and woman from the same country. Usually it will be reserved for only one archer per new member country who has proved to be a promising archer. See 2.2 for other spaces to be awarded by the tripartite Commission.

A fully detailed description of this procedure is available from FITA.

Any questions during the allocation of places will be resolved by the FITA Executive Committee.



H.E. Juan Antonio Samaranch,
President of IOC and great world
peace supporter

OLYMPIC ARCHERY DAY

by Leif Janson (SWE),

CMC Committee Chairman

All FITA Member Associations are invited to take part in Olympic Archery Day.

The International Olympic Committee (IOC) asks all Olympic Sports Federations to promote the Olympic movement during the Olympic Day on June 23rd. FITA Council has decided to organize an Olympic Archery Day every year and to hold the first event on June 23, 1994.

What does FITA want you to do?

FITA asks that all Member Associations make arrangements for competitions and/or beginner's archery activity on that day. If it is not possible to organize on that specific day, your association may use another day in the week before or after June 23rd. Your Member Association could consider becoming part of the Olympic Day run that is held in many cities on that day.

FITA's goal is that Member Associations make it possible for thousands of »new« people to get in touch with our sport on that day.

We also hope that many archers will shoot in tournaments that day to gain publicity for our sport.

Where can we meet »new« archers?

Why not ask shopping centers, or other central places where people meet, if they are willing to cooperate and possibly be sponsors in the near future. This is a perfect opportunity to get in touch with possible sponsors because the Olympic Movement is a very strong argument for sponsors to get into sport.

IOC logo for promotion.

You can use the logo of the IOC, in addition to a special logo that will be made for the International Year of Sport and the Olympic Ideal, on posters and other publications.

Both of these logos will be available from FITA shortly.

Report to FITA

FITA would like to get information from each Member Association regarding the type of activities you held and the number of people that participated. We would like the report before August 15, 1994.

We hope that all Member Associations will join in these efforts and will be very successful.

FITA and the Communication and Marketing Committee will be glad to answer any questions you have about this project.

WELCOME TO THE OLYMPIC MUSEUM!

The Olympic Museum is an international institution dedicated to art, sport and culture.

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Don Lovo, First FITA Vice-President
Photographer and author of articles.



Always full of joy, charming Ms. Breton
(MEX), was among first.



International judge Sergio Font Milan
(CUB) was a Technical Delegate.



Men team winners with their Gold Medals.



Don Lovo, FITA First Vice-President and Chairman
of the FITA Judge Committee was very proud with the
judges' excellent work during the Games' tournament.

Central America and the Caribbean 1994 Games

by Donald M. Lovo (CAN), FITA First Vice-President

It was a disappointment to see only four Associations from Central America and the Caribbean attend these Games. This Confederation is made up of a surprising twenty-nine countries. FITA has Member Associations in eight of them, but really only active participation in Colombia, Costa Rica, Cuba, Mexico, Puerto Rico, and Venezuela. So four out of six is not bad I guess. We had hoped for Colombia and Venezuela, they both have some fine archers. The four teams however that did attend put on a fine competition and there certainly were no »walk-aways« like there used to be in the Pan Am Games, and Championships of the Americas, when USA used to dominate the podium. Even in the Pan Ams that is no longer so Mexico and Cuba are now producing World class archers and Puerto Rico, Venezuela and Costa Rica are improving rapidly.

These Games are one of the oldest and most respected Sports events in all the Americas if not the rest of the competitive World. Archery has only, however been involved in the Games in Havana Cuba in 1982, The Dominican Republic in 1986, Mexico in 1990 and Cuba in 1992, now Puerto Rico in November 1993. I am not sure why the interval changes?

A upsetting occurrence somewhat effected the event. Shortly after arrival two members of the Cuban Men's team defected to USA, as well as did their National Association president. This reduced the already small field even further. When I left Puerto Rico on Nov. 26 the day after the Archery event finished, there were about 12 Cuban Defections reported. As of the writing of this article a few days later, the media tells us that over one hundred Cuban athletes and officials »Jumped ship« in Puerto Rico. That's over 10% of the almost 950 Cubans who attended the Games.

There had been quite a lot of other problems for the organizers of the Games, a major policy change in Puerto Rico created a new overall Organizing Committee only one year ago, and as a consequence the individual sport support was minimal. Puerto Rico's Archery president Jorge Rodreguez and the technical director Modesto Asclares, almost ran a two man, »do it yourself« show. In spite however of very limited financial support, they improvised, made quite functional timing and display equipment and the »Games went on« without further incident, interruption or Jury protest, and that has to be almost a first.

FITA named Sergio Font from Cuba as the technical Delegate and though a problem with a visa delayed his first visit until only two weeks before the Games, the three of them with a fine support crew »did the job«. Sergio had been a Judge at the Olympic Games in Barcelona, and his experience and knowledge of FITA rules equipped him with the ability to work out a functional and exciting schedule that allowed us to adapt the Olympic Round to such a small field.

One of the charms of Puerto Rico is the refreshing wind that almost constantly blows off the sea and makes the otherwise hot sun quite pleasant. A wonderful climate especially for a »northern boy« like me. That constant and gusty wind was however a real problem for the archers especially since it included rain for a portion of almost every day. In spite of these conditions some very respectable scores were shot and several »Games records« were broken.

19 men shot the open qualifying round with Andres Anchondo of Mexico shooting a remarkable 1303 in spite of the constant wind. Second was Miguel Flores of Mexico with a 1261, third Alfonso Donate of Cuba with a 1253. Andres and the next three archers broke the existent Games record of 1245 points. The eventual Medals were won by: Gold - Juan-Carlos Stevens of Cuba (11th in the Open Round). Silver - Andres Anchondo of Mexico. Bronze - Miguel Leon of Cuba.

Aris Zamora of Cuba topped the woman's qualifying FITA with a 1245, breaking the Games record by 21 points. Marisol Breton of Mexico the eventual Gold medal winner was second with 1233 and Mariam Velez of Mexico, the daughter of the president of the Mexican Federation taking third in the Open FITA Round with a 1217. (again constant and gusty wind).

As is often the case with the Olympic Round the winners of the first FITA qualifier do not necessarily end up in that position. Marisol Breton from Mexico, who shot very well throughout the entire event took the Gold, her team mate Miriam Velez the Silver and Adis Zamora from Cuba the Bronze.

In the Women's Olympic Team event, Cuba took the Gold, Mexico the Silver and Puerto Rico the Bronze. In the Men's Team event: Gold - Mexico, Silver - Puerto Rico, Bronze - Costa Rica.

Even though Cuba's registered male team was cut in half by the two defections, and they only had two men rather than three in the team event the remaining two men shot extremely well, they were only a very few points out of a bronze medal against Costa Rica's full team. As a matter of fact the unofficial results showed them the winner until and official tabulation was completed.

Bud Fowkes from USA has been coaching the new young Puerto Rican team and in a very few short weeks has achieved remarkable results. I predict that this team will make its mark on a lot of future Central and America's championships. They displayed a wonderful attitude as indeed did all the teams. It was a pleasure to see. The »screaming« and »hollering« in team support that went on throughout the entire event was worthy of a field ten times the size.

RESULTS

MEN INDIVIDUAL FINALS									
1	FLORES	MEX	97	FLORES	93	LEON	99	1. STEVENS	99
16	AREMES	CRC	86	LEON	106	STEVENS	104	2. ANCHONDO	85
9	LEON	CUB	91	VELIZ	95	3. LEON	102	Silver Medal	
8	STEVENS	CUB	90	STEVENS	99	4. QUINONES J.	98		
5	RIVERA	CRC	83	QUINONES J.	99	QUINONES J.	101		
12	SAENZ	CRC	62	CASTANEDA	97	ANCHONDO	105		
13	VELIZ	MEX	94	QUINONES L.	90				
4	CASTANEDA	MEX	93	ANCHONDO	98				
14	MORALES	PUR	87						
11	QUINONES J.	PUR	96						
6	QUINONES L.	PUR	91						
7	PEDRAZA	PUR	86						
10	ANCHONDO	MEX	104						
15									
2									
1/8									
1	BRETON	MEX	103	BRETON	101	BRETON	99	1. BRETON	102
16	ROSA	PUR	75	REYES E.	92	HERMANEZ	88	2. VELEZ	98
9	REYES E.	MEX	94	RODRIGUEZ	95	3. ZAMORA	101	Silver Medal	
8	RODRIGUEZ	CUB	91	HERMANEZ	96	4. HERMANEZ	92		
5	TURRES	PUR	82	VELEZ	96	VELEZ	104		
12	HERMANEZ	MEX	94	LORENZO	78	ZAMORA	99		
13	VELEZ	MEX	94	GUTIEREZ	79				
4	REYES M.	PUR	96	ZAMORA	98				
3	LORENZO	CUB	100						
14	GARCIA	CUB	81						
11	GUTIEREZ	PUR	97						
6	ZAMORA	CUB	103						
7									
10									
15									
2									

WOMEN INDIVIDUAL FINALS

The 8th Asian Cup

by Donald M. Lovo (CAN), FITA First-Vice President

From October 9 to 13 the last Asian Cup Tournament took place in Ujung Pandang, Indonesia. This is not the last because the Tournament is not successful, on the contrary, it is very successful.

Through the years it has completely replaced the »Championship of Asia and Oceania« which was one of FITA's Regional competitions like the »European Championships«. There simply will be a name change.

In the future this competition (the next one in Thailand) will be known as: »The Asian Archery Championships«, as accepted by a unanimous vote of their Congress. This will bring Asia into line with FITA's recent changes to the Regional Unions. I was not clear whether they will start again at »#1« or just carry on with the next being »the 9th Asian Archery Championships«.

Thirty two FITA member Associations were invited, which included several new members of the AAF (Asian Archery Federation), i.e.: Kazakhstan and Turkmenistan. As has been the custom of the AAF for several years, they also invited Australia, New Zealand, Guam, and the Northern Mariana Islands, who are Associate members of the AAF.

Twelve countries competed this year which is down a little from the last one in the Philippines, Singapore, New Zealand and the Philippines for some reason did not attend, perhaps because the event was so close after the World Championships in Turkey, which was a long and expensive trip for all Asian countries.

The format for competition for the Asian Cup has for years been the »Double FITA« as it was this year, but this will also change. A very close vote of their Congress elected to change the format to the Olympic Round in the future. This was an emotional decision. They of course wanted to be progressive and train their people for World Competition, but they also wanted to give all the archers more days of competition.

The weather was in a word »Hot«. Certainly it was for a Canadian boy when indeed a lot of my country could well be under 100cm of snow and below zero degrees at this time of year. The heat however was not the only problem, the shifting wind never let up for all the days of the competition. Some one told me that »Ujung Pandang« means »where the wind always blows«. I know that is not the translation of the word, but maybe that is what the »nickname« of the city is.

As a consequence, the scores were not as high as were to be expected when several of the worlds' top Archery teams meet. The highest man's score was shot by veteran Hiroshi Yamamoto of Japan who won the first round and ended up second by only 7 points to Kim Bo-Ram of Korea in the double round. Kim is a newcomer to world competition but you would not know it by the way he shot. Yang Chang-Hoon of Korea took the bronze.

As could be predicted, the Korean Woman topped the field one, two, three, and four, in the double FITA with Kim Kyung-Wook who came first shooting the only 1300 of the championships (1315).

Korea took the team event for both the men and women, with Japan the silver and Taipei the bronze in the Men's event. The silver in the Women's event went to Taipei and the bronze to the team from the new Member Association, Kazakhstan.

Even though it was very hot for all the days of shooting, the weather really was on the side of the archers, because not 30 minutes after the last competition arrows were shot, a light rain started, which continued to increase in intensity until it was sweeping across the field in torrents. The awards ceremonies had to be moved under the VIP covered area. The wind speed increased to the point where a large open competitors tent was torn loose from it's tie-downs and was lifted off the heads of the 50 or more competitors who were avoiding the elements there. It parachuted across the parking lot without touching or hurting any of the 500 or more spectators who regularly attended the competition. We really were quite fortunate.

Many of the Organizing Committee who will work at the World Championships in Indonesia in 1995 were getting their training at this event. Computer scoring was introduced for the first time in Indonesia, and though the scores were a little slow getting on the board in the first round, this did improve and I know the computer team, managed by FITA Judge Dhamayanti Adidharma along with the President Hapson Panggabean, are looking at an improved and trouble free new programme for the World Championships in 1995.

Indonesia is a wonderful country full of warm and pleasant people who sincerely wish to make a visitor feel welcome. They will produce a World Championship that will be a little different from Turkey, Holland, Switzerland or any of the other countries who have hosted it in the last 62 years - a unique difference, they all are. That's one of the worthwhile results of moving this World Tournament from country to country, it allows our member Associations the opportunity to gain tremendous international organizational experience, our archers while competing to gain a different view and get to know and understand the other cultures and people of this World of ours.

RESULTS

WOMEN TEAMS

1. KOR	7656
2. TPE	7332
3. KZK	7244
4. CHN	7191
5. JPN	7178
6. INA	7051
7. IND	6951

MEN TEAMS

1. KOR	7645
2. JPN	7368
3. TPE	7316
4. CHN	7222
5. INA	7196
6. IND	7166
7. THA	6765
8. SAU	6152

WOMEN

Nat.	Total
1. KIM, K.-W.	KOR 2604
2. YOUN, Y.-J.	KOR 2558
3. LIM, J.-A.	KOR 2494
4. LEE, M.-O.	KOR 2488
5. TUNYANTS, Y.	KZK 2473
6. LAI, F.M.	TPE 2465
7. HAMDIAH	INA 2447
8. MATSUSAKA, Y.	JPN 2441
9. LIU, Y.-Y.	TPE 2440
10. JIAO, Q.	CHN 2432
11. YANG, C.-C.	TPE 2427
12. YANG, H.J.	TPE 2427
13. OUCHI, A.	JPN 2417
14. YI, Y.	CHN 2399
15. RIECKMAN, M.	AUS 2394
16. LEONOVA, I.	KZK 2393
17. B. VICTORIA	KZK 2378
18. ZHANG, Y.	CHN 2360
19. SITI, A.	MAL 2350
20. PURNIMA, M.	IND 2350
21. MOJAR, A.	KZK 2347
22. OKI, M.	JPN 2320
23. IRIANI, F.	INA 2302
24. GELANTEH, R.	INA 2302
25. TIRA, S.	IND 2302
26. VESUZOLU, S.	IND 2299
27. YASMIDAR	INA 2291
28. MOCHIDA, M.	JPN 2265
29. BHATTACHARYA	IND 2208

MEN

Nat.	Total
1. KIM, B.-R.	KOR 2564
2. YAMAMOTO, H.	JPN 2557
3. YANG, C.-H.	KOR 2546
4. KIM, J.-R.	KOR 2535
5. LEE, K.-C.	KOR 2507
6. WU, T.-Z.	TPE 2477
7. LIN, P.-S.	TPE 2464
8. WANG, T.	CHN 2448
9. MALCHIKIN, A.	KZK 2438
10. SETIAWAN, H.	INA 2430
11. HARLONO	INA 2424
12. GRANT, G.	AUS 2413
13. MORIYAMA, T.	JPN 2411
14. REM, S.L.	IND 2409
15. NORHARASHID	MAL 2409
16. TODA, A.	JPN 2400
17. HAO, W.	CHN 2394
18. DENNIS, C.	AUS 2392
19. RAJENDER, G.	IND 2381
20. FU, J.	CHN 2380
21. DULCHAND, D.	IND 2376
22. LIU, P.-H.	TPE 2375
23. SKALZANG, D.	IND 2373
24. LAI, M.-S.	TPE 2369
25. LI, X.	CHN 2369
26. PANE, W.	INA 2342
27. DAMRONG, K.	THA 2333
28. MIYASAKI, K.	JPN 2316
29. SUHERMAN	INA 2287
30. LUIS	INA 2194
31. JAMES, S.S.	CNM 2189
32. SOMKHOUN, C.	THA 2160

CREDIT PHOTOGRAPHERS

Donald M. Lovo (CAN)
Nikola Skorice (CRO)



Vice-President of Asian Archery Federation Zengfu Wang (CHN) gives a speech at the Opening Ceremony.



The tournament at the 8th Asian Games was opened by drumming of Mr. Suweno, Vice-President of NOC.



A.B. Tandaramang, O.C. Chairman, Z. Wang (CHN), Mr. Suweno (INA), Don Lovo and H. Panggabean.



Korean men team (B.R. Kim, C.H. Yang, J.R. Kim) won a Gold Medal with 7645 points.



Mr. Maksum (INA), G. Yu Yuan (CHN), Y.K. Tang (SIN), Chairman of JC, Rudyanto (INA), B. Jamil (MAL), Sutrisno Latip (INA), Ms D. Adidharma (INA).



The youngest Ski-Arc Competitor was only 8 years old. The youngster showed a great interest for Ski-Arc.



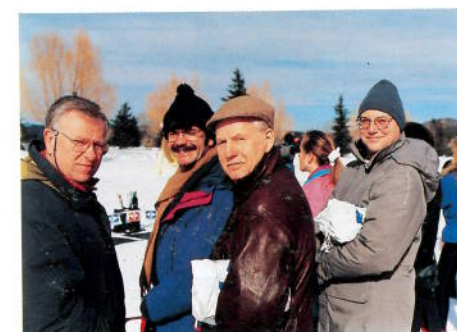
Practice at the shooting line for all disciplines and classes. The sight position must be fixed before a run.



Shooting from a kneeling position after 2x4 kilometres required a lot of concentration and ability.



It is very important to hit all targets, in order to avoid penalty laps.



Beppe Cinnirella (ITA), FITA Secretary General, and FITA Council members Klaus-Dietrich Schulz (GER), Don Lovo (CAN) and Steven Lieberman (USA).

"Ski-Arc Competition Impresses FITA Council Members"

by Denise Parker (USA)

A well groomed cross country track, talented athletes and a target awaiting, made for an eventful afternoon on January 23 for FITA (Federation International Target Archery) Council members. No, FITA Council members did not participate, but they did watch a demonstration in the relatively new sport of ski-archery, also known as Ski-Arc. Park City, Utah, a U.S. den for ski-archery hosted the demonstration.

Ski archery is a new competitive sport in the United States, but has been around many years in other countries such as Italy and France.

In the latest format of a ski-arc competition, a competitor skis twelve kilometers and shoots a total of twelve arrows. They first ski four kilometers, then shoot four arrows in a standing position. Then, the competitors ski an additional four kilometers, but this time the four arrows must be shot with one knee touching the ground. There are an additional four kilometers, and once again they fire four arrows from a standing position. Last, the competitors sprint a short distance to the finish. The race can very easily be lengthened. For every arrow that a competitor misses the 16cm diameter target, they must ski a penalty lap of 200 meters.

Sam Thornhill of Evanston, Wyoming finished first for the men with a time of 52:49, hitting nine of his twelve shots. He's a former bow hunter and downhill skier who took up ski-archery five years ago. Christoph Shork finished second for the men with a time of 54:50. Last year Shork won the Utah Winter Games, and went to Italy with the American team, placing fourth in the Internationals. Third place in the men went to Charlie Sturgis with a time of 54:56. Martinus Grov, of Norway, who finished fourth in the Olympics in Barcelona, competed in Park City in his first ski-archery event. He placed sixth in the elite division. »I had two misses,« said Grov. »It is fun, but this altitude is killing me.«

The women's competition saw Colleen Hoffman of Park City win with a time of 1:01:47. Leslie Howa of Salt Lake City, also a member of the team that traveled to Italy last year, finished second with a time of 1:09:29. Howa has been competing in ski-archery for five years. Previously she had competed in the biathlon. When she first decided to try the new sport Howa fell in love with it immediately. She said, »I originally got in the sport for the ski-arc, but I never realized how much I would enjoy the sport of archery.« Many skiers have echoed Leslie's thoughts.

FITA Council members actually received two demonstrations, a competitive, as well as a recreational race. The latter was Utah's own Winter Games Ski-Arc. Here, one might not see the eyes of steel, like the more competitive athletes, but here is where you see the fun. Also, ski-archery is becoming known as a good family activity. The ages of the competitors in this race ranged from 10 to 50 years old. In this portion of the race the competitors only had to ski four kilometers and shoot eight arrows. Penalty laps were not assessed.

Archery has always been known as a family sport. Adding cross country skiing, one of the best total workouts, makes for a good family activity.

Besides being a demonstration for many FITA Council members, this competition allowed the Salt Lake Olympic Bid Committee to show they can put on first-rate winter sports events. After losing the 1998 Olympic bid to Japan, Salt Lake City is pushing hard for the 2002 games.

FITA Council members were impressed with the competition.

»I would like to see this become a new sport for us,« said Jim Easton, FITA President.

Place	Time	Compet.	Gender	BowStyle	Place	Time	Compet.	Gender	BowStyle
1	1:01:47	C. Hoffman	F	Recurve	1	1:16:14	N. Bartholomew	M	Compound
2	1:09:29	L. Howa	F	Recurve	2	1:16:27	M. Schork	M	Compound
1	0:52:49	S. Thornhill	M	Recurve	1	1:11:14	A. Bartholomew	F	Compound
2	0:54:50	C. Schork	M	Recurve	1	1:12:02	S. Bartholomew	M	Compound
3	0:55:46	C. Sturgis	M	Recurve	1	1:05:02	Eskelson	M	Compound
4	0:58:31	D. Norris	M	Recurve	1	1:12:52	K. Bartholomew	F	Compound
5	0:58:57	S. Howa	M	Recurve	1	1:04:26	M. Bartholomew	M	Compound
6	1:03:32	M. Grov	M	Recurve	2	1:08:41	L. Richardson	M	Compound
7	1:08:29	M. Frane	M	Recurve	3	1:07:45	D. Richardson	M	Compound
1	1:04:53	B. Irvine	M	Compound	4	1:12:10	P. Wilson	M	Compound



Jim Easton, FITA President, and Joe Johnson (USA) during the tournament discussed new development plans for the Ski-Arc competitions in the world.



Ed Eliason, Chairman of the Organizing Committee explains rules to George Helwig, First Honorary Vice-President and to other FITA Council members.

The Birkebeiner Warrior Reincarnated

by Lynne Evans (GBR), FITA Council Member

Ski-Arc at the Utah Winter Games:

The talk was of waxes, types of snow, breakdown targets, - this was a »Frostbite« round with a difference - and the difference was a timed 12 kilometre cross-country ski course broken up into 3 sections when you had chance to catch your breath and shoot 4 arrows on a hit and miss basis - from standing and kneeling positions, and as if that wasn't enough, for every miss there was a penalty lap of 350 metres to ski before the next section of cross country skiing.

The setting was straight out of a Hollywood movie, with a backdrop from the turn of the century, silver mining shanty towns contrasting with the ski resorts of the Wastach range of the Utah Mountains; there snatches of conversation were of archers comparing types of wax and ski styles, alien conversation and yet familiar over tones when discussion turned to shooting styles, suitable bosses and target faces.

The ancient viking art of survival by hunting across snow covered terrain (hence the Birkebeiner Warrior) arrives in the 20th century where archery and skiing come together with a shared dream that Ski-Arc will become a Winter Olympic discipline by the 21st century.

Ski-Arc with similarities to Biathlon, is already an established discipline in the Utah Winter Games, and indeed has a strong following in countries who enjoy a wide range of winter sports, such as Italy, France, Slovenia, and of course the United States.

To guide members of FITA Council through the complexities of Ski-Arc were the familiar faces from the International Scene, Denise Parker, Martinus Grov, and enjoying every moment as always, Ed Eliason. Martinus from Norway, was enjoying a first taste of the discipline and competing alongside archers and skiers from Elite to Novice, veteran to youngsters of 8 and 9 years old.

The competition lasted just about an hour and a half, the staggered starting times ensured that spectators always had archery to watch, breakdown targets adding to the thrills and spills. The course of 12 kilometres split into 4 kilometre laps for men, women and juniors ski a shorter course of two laps making 8 kilometres. Elite archers are the ones subject to short penalty laps of 350 metres, one lap for every each arrow missing the target.

The skiing requires cross country ability, there is no restriction on ski style - classic or freestyle, the archers bow must be carried between the shoulder blades in a specially designed harness, the bow, again, any style, must not have any sight or stabilizer that protrudes more than 5 cm from the bow. Shooting is in a designated safety area at drop down targets, whilst these are being fully developed, paper faces are permitted, the range for all disciplines is 18 metres, the organisers keen to encourage youngsters set up a 9 metre target for the under 12's and finally, the rules are very extensive:

Men, skiing three circuits will shoot the first and last series of 4 arrows from the conventional standing position whilst the second series will be in a kneeling position. Women and juniors shoot 1st series of arrows standing, and the second series kneeling. Arrows are not carried, but left in ground quivers on the shooting line.

The whole event from registration through to prize giving lasts no more than 3 hours, and with hot chocolate to finish the afternoon's entertainment - the talk was of the exciting possibilities of introducing archery to skiers, and skiing to archers for a discipline that encourages family participation both in winter, and believe it, or not summer - who needs snow to ski!

Place	Time	Competitor	Gender	BowStyle	Place	Time	Competitor	Gender	BowStyle
1	1:17:44	S. Thorpson	M	Compound	1	0:59:39	T. Harper	M	Recurve
1	1:09:16	K. Bartholomew	F	Compound	1	1:04:45	M. Renz	M	Recurve
1	1:30:16	G. Frandsen	M	Compound	1	1:08:04	J. Eliason	M	Recurve
1	0:58:03	S. Camerota	M	Compound	2	1:05:33	M. Vandeweghe	M	Recurve
2	1:01:35	C. Miller	M	Compound	1	1:13:52	K. Kelly	M	Recurve
1	0:47:58	B. Bartholomew	M	Recurve	1	1:08:46	W. Hemelstrand	M	Recurve
1	1:33:13	S. Finley	F	Recurve	2	1:32:07	R. Sandberg	M	Recurve



Martin Grov (NOR), a member of the Easton Ski-Arc team

The standing position is very difficult after a few kilometres run



In order to gain time one has to shoot very fast, although it is very risky, because every miss brings penalty laps.



It is very important to have a specially designed harness, because the bow must be drawn and returned back as fast as possible



Arrows are not taken to the course in order to avoid injuries. They are left in ground quivers on the shooting line. Bows should not be too long.



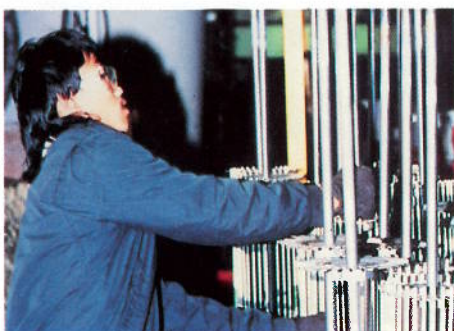
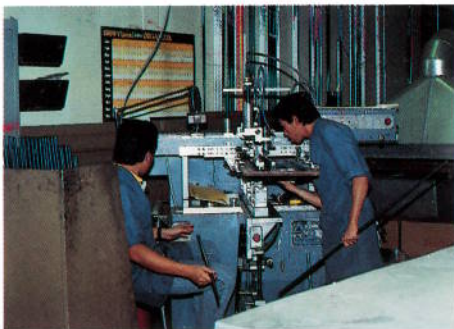
Steven Lieberman, Jim Easton and Tony Mench were very happy and satisfied with the great job they carried out this winter



Leif Janson (SWE) suggests Jim Easton to make some changes



There was only one hit on the target number one. This means three penalty laps.



Easton Corporate Mission - To be the world leader in sports equipment components. To innovate, develop, manufacture and market products and components that utilize our unique engineering and manufacturing capabilities to produce higher-performance products.



Visit of FITA Council Members to Easton

by Nikola Skoric

We were very happy when Jim Easton and Eric Watts asked FITA Council members to visit Easton and Hoyt's plants in Salt Lake City, especially Leif Janson and me, because we were both making bows and arrows by ourselves for a long point of time.

We all met in the hotel lobby and for the first time we were all on time. First, two mini-buses took us to the Easton's plant. From the architectural point of view, this plant is a real success, suitable for its purpose and with clear lines. Exactly, at the entrance there is a small exhibition room with samples of various Easton's products. I must confess that I didn't know that Easton produces quite a number of products. Here are they all: aluminum arrows, ski poles, golf shafts, aluminum soft ball bats, tent tubing, mast and boom tubing for sailing, bike frames, air protective equipment, training/safety equipment, alloy drumsticks and cricket equipment.

We were admitted in a small conference room of the office building, where we were given visit tags and where we attended a short introductory speech on Easton production in Salt Lake City. In the entrance of the plant we saw a large panel with photos and the historical development of the Easton company. It made a deep impression upon us because we followed the development of this very important company credited for the development of archery. At the end of the panel there is a legend arrow by which Antonio Rebollo lit the Olympic flame at the 1992 Olympic Games in Barcelona.

When you see a tube almost 3 meters long and one inch wide, you can't believe that the final product would be those wonderful arrows, perfectly shaped, with which numerous world records have been obtained. First a tube one inch wide is lengthened and cut into three thinner tubes, and then they are further lengthened and cut again into three parts. Finally, they are lengthened to the adequate dimensions for the arrows. Tolerances are strictly taken into account while the total production is automatically controlled. There is an incredibly small amount of waste, which points to the perfection of machines which perform these operations and to a perfect routine of the workers who operate them. These young people kindly answered all our questions. Salt Lake City is the first in USA, considering the young age of its inhabitants (only 26,5 years) and this is felt on every step and in Easton and Hoyt plants as well. But it should be pointed out that here as in other industries there are norms, overfull production and fails. The best workers are given prominence. A strict evidence with all necessary data is constantly kept, for example they had two injuries, fortunately not bad in January 1994. In spite of automation one should be extremely careful while working with the machines. There are many instructions strictly upon them.

When the arrows get their final diameter and length they are further processed but that is completely something different. It is enough to read Easton's catalogue for 1994 to become aware of the quantity of produced arrows. However, only metal arrows are produced at Salt Lake City. The arrows produced have 20 different diameters from 1413-2215 and they are of various colours. The quality of the material is also different 24, XX75, X7, as well as various hunting arrows painted with camo colours.

More workers take part in the shaft colouring than in other branches. Pipes are put into a special holder and after that are dipped into a pool.

They are coloured in series according to colour and dimension. After that they are taken out from the pool, sorted and numerated. The camo colour processing of arrows is very interesting. There are two systems, but it is very difficult to say which of them offers a better product at the end of the process. Our visit to the Easton's was very impressive, but it should be pointed out, that we saw a far more perfect technology in the production of arrows type ACE in another plant. Easton company invited us all to the dinner at a well-known restaurant, which is in the vicinity of the hotel »Red Lion« where we were staying. The managers of Easton answered to numerous questions. The room where we had dinner was surrounded by shelves full of chosen wine, but within the bars. However, it added to the atmosphere there. In spite of the bars several bottles were brought to our table and we found out that some American brands of wine are really delicious.

1922 James D. (Doug) Easton begins making custom wood bows and cedar arrows in Watsonville, California.

1933 Doug Easton moves to a small garage in Los Angeles and begins working full-time on the development of aluminum arrows.

1939 The business is moved to a larger facility in Los Angeles where the processing of aluminum arrow tubing begins.

1946 The first 24SRT-X aluminum arrow shaft is drawn by Easton on Easton designed-equipment.

1964 Easton begins fabricating aluminum tubing into ski poles and golf shafts.

1967 Easton produces precision tubing for the aerospace industry and builds the thermal shroud used for the seismometer on the first lunar landing.

1968 A 56,000 square foot facility is built in Van Nuys, California.

1970 Easton enters team sports market with aluminum soft ball bats and then develops Little League and college baseball bats.

1972 Doug Easton passes away and his son Jim takes over as President.

1976 Easton enters the mountaineering market by producing tent tubing.

1978 A 50,000 square foot manufacturing facility is built in Salt Lake City. Easton enters the tennis racket business, making the Prince Pro racket frame.

1981 Easton introduces the first aluminum ice hockey stick which is approved by the NHL. The first aluminum field hockey shaft is field tested.

1982 The Easton aluminum/carbon (A/C) composite arrow shaft is introduced.

1983 Easton purchases Hoyt Archery Company, manufacturers of bows and archery accessories.

supplying high-performance sports equipment and
 market all types of high-quality sports and recreational equipment
 manufacturing capabilities and offer the consumer distinctly

Council Members to Salt Lake City Plants

(CRO), FITA Vice-President



If we can say that the interest for the production of arrows was fairly high, than we can claim that the interest for the production of bows was even higher. We had the honour to see the production of the newest types of bows - Olympic and Compound.

The Hoyt plant is situated in another part of the town, at 475 N. Neil Armstrong Rd. Salt Lake City, Utah. It is a very beautiful and modern building again suitable for its purpose. We were kindly excepted at the office building and again we were given an interesting inview in compound bows and their production. This time we were given protection glasses and after that taken around the plant. The basic material is a beam 5 X 12 over 5 meters long. It is aluminium of a very high quality cut to the length of a rise. The production of rises is fully automized and computerized, but a worker should always be present, although his presence seems unnecessary, because the number of waste is totally negligible. It is a pleasure to watch how the holes in this material are drilled and how the rise receive its final shape, full of perforationas, complicated at first sight. This plant is not very large but the production is perfectly organized, so that one has a feeling that there is a lot of space there. After the first phase the rise is further processed so the final product seems to be facinating in view of quality and colour.

The plant for limb production was an unforgettable event for us being the old producers of bows. Here we got all answers to our numerous questions which were the result of our long work »and sleepless nights« concerning technical problems in the bow production.

The workers were young but our mutual discussion proved that they had no problems in this field. The production is mainly automized with some addition of manual work, especially in nock production on the limbs of the Olympic bows. The plant where the bows are put into presses and where they are heated to the teperature necessary for glueying is smaller than I thought.

The usage of wood is reduced while that of the plastic materials is increased. I was disappointed because I like and prefer wood. But it seems that wood will soon completely disappear and leave its place to numerous plastic materials which have better characteristics than wood. The processing of these materials, as well as fyberglass, requires higher precaution measures, as we could see at Hoyt's.

We have to be aware that a number of romanticists will always exist. They will continue to use wooden bows and arrows but it will be the concern of smaller producers.

The department for final processing is very interesting. Here limb stretchings are weight and the streching weight is registered. The department for cord production, where workers are mostly women is equipped with certain machines which enable a very fast cord production. The number of cords produced by this machine is incredible for just one working day.

We had an opportunity to shoot with new compound bows in a testing room. Leif Janson showed his great abilities of barebow archer. Even our mini-bus driver couldn't resist shooting; he became a dedicated follower of the oldest sport in the world.

At the end a lecture was held in the conference hall for those who were most interested in the subject. A young and nice lady lecturer answered to numerous question put by Lynne Evans, Paul Paulsen, Leif Janson and me. We all received information on compound and I can say that I learnt more about the compound in half an hour than in two year since I have started shooting compound.

Eric Watts invited all FITA Council members to the dinner at a large restaurant not far from our hotel. As the restaurant was full we got three tables on the gallery. It was full of young people. All the time we were discussing about our impressions after our visit to the Hoyt plant. The managers of the Hoyt were willing to give us more information about their work. You could have noticed that I didn't mention their names.

It would not be fair to point out anyone among them, because all of them were engaged to the maximum and our visit to the Easton's and Hoyt's will stay unforgettable memories for all of us.

We thank both Jim and Eric for that wonderful visit.



Jim Easton welcomes FITA Council Members at the entrance of the Hoyt's bow plant.



Bow limbs require very carefull processing. Machines are used just for rough processing.



Processing control is a very important part in the production of bows. These young people know their job very well.



There is still a lot of manual processing in the production of limb nocks. It is a very precise handicraft, requiring knowledge and patience.



Tilting is very important in recurve bow production. Perfectly tilt bow can be still readjusted by an archer.

1984 Jim Easton serves as Commissioner of Archery and Athlete Village Mayor for the 1984 Olympics. The A/C arrow is used to win the 1984 Gold Medal.

1985 Easton purchases the Curley-Bates company which becomes Easton Sports, Inc., the marketer of team sports products. Jim Easton awarded FITA Gold Plaque

1986 Easton enters sailboard market with mast and boom tubing. Easton begins producsings bike frame tubing for Trek and Raleigh. Easton Sports establishes Easton Sports Canada.

1987 Easton Distribution Center, an automated 100,000 square foot warehouse, is built in Salt Lake City.

1988 Easton Composites, Inc. is established in San Diego Cal. to handle composite R&D and production. Easton Sports opens Australasia office. Easton purchases Protection Inc. manufacturer of the patented Donzis Air Management protective equipment.

1989 Corporate office moves to Easton's new building in Van Nuys, Cal. Easton re-enters golf shaft market. Jim Easton becomes President of FITA, the international governing body of archery. Company purchases IncrediBall, a manufacturer of training/safety balls.

1990 The Easton Sports Lab is created at the Van Nuys facility. Wayne Gretzky endorses the Easton hockey stick.

1991 Easton Sports Europe is established.

1992 The XX78 Super Slam arrow shaft and component system is introduced. The first-ever alloy drumstick (AHEAD) is marketed and manufactured by Easton & endorsed by Gun N'Roses drummer, Matt Sorum and Mötley Crüe drummer, Tommy Lee.

1993 Easton introduces a line of cricket equipment. The Easton Archery University (EAU) is established to educate dealers on selecting and building arrows for optimum performance. Jim Easton is re-elected President of FITA.



The start was supervised by the Italian official chronometry team.



The whole Italian Ski-Arc Championships was broadcasted by the Italian television network.



The shooting line at the course of the Xth Italian Ski-Arc Championship in Valle d'Aosta.



Gino Mattielli, FITARCO and EMAU President, with the Italian Ski-Arc Junior team champions.

Xth Italian Ski-Arc Championships

12-13 March 1994, LaThuile - Valle D'Aosta (ITA)

by Nikola Skoric (CRO), FITA Vice-President

On Friday, March 11th, the Championships started with accreditations of competitors, training and equipment and course control.

On Saturday, March 12th, an excellently organized championships began with the relay race according to the schedule.

Twenty relay teams were at the start line which was a fairly large number in spite of many cancellings caused by the unexpected break out of influenza at the last moment. The course was well prepared owing to the organizers who did their best to preserve the melting snow. It was a question whether the snow will last during the individual event.

The results were very good, but there were also some dramatic situations. For instance, "Arcieri del Gufo" team (Peyrot Sonia, Grieco Imma and Peyrot Nadia) finished first, with a great advantage of more than four minutes, but it was found out that Grieco Imma ran only one penalty lap instead of two, and the team had to be disqualified.

The captain of the team immediately put in a protest, backed up by Imma's statement that she had run two laps.

The jury (president Gino Mattielli, EMAU president and members: Nikola Skoric, FITA Vice-President and Sergio Abbadiessa, Organizing Committee) met again and proved that the judges (president Gianni Mangino international judge and members Dario Perini, national judge, Gianni Guizzetti, national judge) made a correct decision on the disqualification and dismissed the applied complain. Sometimes a competitor's carelessness may cause even the loss of a gold medal.

On Sunday, March 13th a very exciting individual races were held. The weather was sunny but rather windy. The official opening of the Xth Italian Ski-Arc Championships took place and Gino Mattielli, the President of FITARCO and EMAU gave a speech.

The individual competition started with the national anthem and with the hoisting of the flag. It was a beautiful sight to see the Italian, FITARCO and the organizer's flags flaunting in the wind, while in the background there were Mont Blanc and other Alpine peaks glittering in the sun.

In fact, it was the XIth National Tournament in a row, but the second one was proclaimed as a championships. 97 competitors took place in the individual competition. Italy has the oldest tradition in the Ski-Arc event.

At the end Gino Mattielli, FITARCO President said: "The most significant data emerging from the 10th Italian Ski-Arc Championship are a great number of young people who are now approaching this discipline.

We should take these youngsters into due consideration to prepare the athletes who will compete tomorrow on the World Championships and maybe in the near future, in the Olympic competition".

Club	Time	P. Lap	Club	Time	P. Lap
GIRLS - OLYMPIC			4. Arcieri del Gufo	54: 47: 10	disq.
1. A.S. Antikuis	56: 33: 07	10	MEN SENIOR - COMPOUND		
WOMEN JUNIOR - OLYMPIC			1. Arcieri del Gufo	55: 34: 20	6
1. Arcieri di Pine'	88:17: 06	8	2. Arcieri Malpaga	57: 30: 50	10
MEN JUNIOR - OLYMPIC			3. Arcieri di Pine'	58: 00: 40	7
1. Arcieri Varese	51: 39: 08	8	4. Arcieri del Nevegal	59: 29: 20	8
2. Arcieri di Pine'	60: 56: 07	7	MEN SENIOR - OLYMPIC		
WOMEN SENIOR - COMPOUND			1. Arcieri Malpaga	38: 51: 07	2
1. Arcieri di Pine'	82: 34: 06	6	2. G.S. Virtus	42: 47: 10	4
WOMEN SENIOR - OLYMPIC			3. Arco Club Tolmezzo	43: 43: 30	7
1. A.S. Antikuis	59: 17: 05	10	4. Arco Club Valdigne	46: 37: 50	4
2. G.S. Virtus	60: 14: 02	10	5. Arcieri del Gufo	50: 38: 20	10
3. Arcieri di Pine'	62: 24: 03	9	6. Arcieri del Nevegal	52: 18: 40	9
			7. A.S. Antikuis	55: 50: 30	8



Gianni Mangino (FITA Treasurer and International judge) was the main judge at the competition and Gino Mattielli was the Chairman of the appointed judges.



R. Milinkovic, Secretary of the Croatian A.A., S. Markic, Chairman of the Croatian A.A. Judges' Committee, G. Mattielli (ITA) and N. Skoric (CRO), member of the jury.

European Ski-Arc Cup '94

by Franco Carminatti (ITA), Member of the Ski-Arc Committee

This meeting, consisting of two tournaments (one Italian and one French) is held every year for already three years in a row. It started in Italy at Val di Ledro.

The idea to organize such a competition goes back to the Archery Club »Virtus« from Riva del Garda, having in mind the meetings of several European countries before the official Championships and initiate contacts among the sportsmen without taking into account their results. In the first year the French, the Belgians, the Americans and the Italians took part in this meeting using this opportunity to organize several competitions, as well as to giving some importance to the results obtained. As for the other countries there is no response to invitations.

Sometimes I start to think that our countries (France and Italy) are at the end of the world, but when I look through the window or when I remember Lillehammer it seems unbelievable. However, are perhaps European archers just ghosts? But let's put aside our ponderings and let's go back to the this year's competition.

The first part of the competition was held at Prali (Italy) on the 15th and 16th of January. There were two events included: relay teams and individual events. 14 national and regional teams, with a total of 55 athletes were competing during two days.

The second part was held at Premanon (France) on the 13th of February, with only one individual competition which took place on the beautiful natural course. 37 athletes took part in this competition. Only a ranking list could follow now, but I will add two or three words to honour this competition to point out that only the French and the Italians won medals.

The most important thing is that these two days of competition were held in a friendly atmosphere and that the first winner of this meeting is ... *Archery*.

We hope that, in the following year a number of athletes would represent their countries and join the number of competitors in this large Ski-Arc family. We hope that this event would be developed further and that competitors would strive to fight against the weather and targets and not against other teams.



RESULTS:

PRALI

Teams:

Men 1. Italy, 2. Trento, 3. Piemonte, 4. France
Women 1. Italy, 2. Piemonte, 3. France

Individual:

Men 1. Zoina (ITA), 2. Jannerod (FRA), 3. Brighenti (ITA), 4. Legrand (FRA)
Women 1. Peyrot (ITA), 2. Vanzo (ITA), 3. Nosedo (ITA), 4. Delabbe (FRA)

PREMANON

Individual:

Men 1. Zoina (ITA), 2. Jannerod (FRA), 3. Brighenti (ITA), 4. Salvadori (ITA)
Women 1. Nosedo (ITA), 2. Peyrot (ITA), 3. Delabbe (FRA), 4. Gros (FRA)

P.S. The most important element in the competition was the accuracy of the shot, relevant for the results obtained.



A very warm welcome was arranged for the young archer, who was the last to cross the finish line. This was the end of an excellent championships.

Franco Carminatti (ITA), a member of the FITA Ski-Arc Working group, carries on his shoulders the new type of drop down Ski-Arc target.

Awarding Ceremony at the Xth Italian Ski-Arc Championships.

CALENDAR FITA

FITA CHAMPIONSHIPS

1994	July	19-23	XIV Outdoor Target Championships of Europe and the Mediterranean	Nymburk,	CZE
	August	12-14	XIV World Field Championships Vertus,	Champagne,	FRA
	August	23-28	III Outdoor Junior World Championships Roncesvalles,	Trento,	ITA
	November	7-13	XII Outdoor Target Championships of the Americas		CUB
1995	March	23-26	III World Indoor Target Championship	Birmingham,	GBR
	July	10-14	XXXVIII World Target Championships Yogyakarta,	Central Java	IND
1996	June	(2nd half)	XV World Field Championships &		
		(to be fixed)	XV Target Championships of Europe & Mediterranean IV Junior World Target Championships	Kranjska Gora San Diego	SLO USA

GAMES TOURNAMENTS

1994	July 23 - August	7	XIV Goodwill Games	St. Petersburg,	RUS
	Sep. 26 - Oct.	8	Masters Games,	Brisbane,	AUS
	October	2-16	Asian Games,	Hiroshima,	JPN
	November		V South-American Games	Valencia	VEN
1995	May		XV Hapoel Games		ISR
1996			XXVI Olympiad	Atlanta,	USA
1997	June	13-27	XIII Mediterranean Games	Bari,	ITA
2000			XXVII Olympiad	Sydney,	AUS

INTERNATIONAL TOURNAMENTS 1994

Target Archery

May			
4-11	Golden Targets	Sancti Spir.,	CUB
5-12	International Tournament	Beijing,	CHN
13-15	Challenge Denape	Molietts,	FRA
14-15	Olympic Archery	Timrå,	SWE
23-26	Intercollegiate Championship	Austin,	USA
25-30	Turnier der Nationen	Hannover,	GER
June			
10-15	1st Seoul International	Chong-Ju,	KOR
12	Akkerhaugen Star Tournament	Akkerhaugen,	NOR
19	FITA Staevne	Aarhos,	DEN
25-26	Ambrosiano Torneo A	Milano,	ITA
25-26	Croatian Championships	Rijeka,	CRO
22-27	Grand Prix Europy	Kolobrzeg,	POL
July			
2-3	Target	Pori,	FIN
8-9	National Championships	Lindome,	SWE
16-17	Carpaty Cup	Kosice,	SVK
20-23	XLV Campeonato Absoluto	Coruna,	ESP
21-27	Double FITA	Fleurus,	BEL
30-31	FITA Star	Canterbury	GBR
30-31	Swedish Championships	Skovde,	SWE
31	National Target Championships	Oxford,	USA
August			
5-7	Mayener Bogenschützen 1978	Borntal,	GER
6-7	Double FITA	Bruxelles,	BEL
12-14	Singapore National Champions.	Gloucester,	SIN
14	SM	Slagelse,	DEN
18-21	Goldpfeil Inter. Olymp. Runde	Abádszal,	HUN
19-21	Slovak Championship	Vinicné,	SVK
24-28	"XI SILVER ARROW"	Salice Terme,	ITA
September			
1-4	Polish National Champions.	Kielce,	POL
3-4	FITA Star	Lilleshall,	GBR
4	Goldpfeil	Graz,	AUT
10	József Vida Memorial	Budapest,	HUN
10-11	FITA de la Independencia	San José,	CRC
10-11	FITA Star	Maple Ridge,	CAN
21-26	National Championships	Henan,	CHN
24-25	FITA - Croatian Cup	Rijeka,	CRO
October			
1-2	Campeonato Nacional	San José,	CRC
1-2	Fiestas es Cubells	San José,	ESP
8-9	Rey Pelayo	Buenos Aires,	ARG
15-16	Duel Trials	Tempe AZ,	USA
29-30	State Target Championships	Wouweong,	AUS
November			
5-6	Duel in the Desserst	Tempe AZ,	USA
6	Hong Kong Championships	Wanchai,	HKG

Field Archery

May			
7-8	Arrowhead	Liege,	BEL
12-14	Arrowhead	Angered,	SWE
14-15	Arrowhead	Valva,	ITA
14-15	Arrowhead	Trier,	GER
21-22	Danish Open		DEN
21-22	Australian Championships	Sydney,	AUS
22-23	Arrowhead Round	Lorraine,	FRA
28-29	British Open	Finsthwaite,	GBR
June			
4-5	Walibi Arrowhead	Boe,	FRA
11-12	BSC Union GAAL	Gaal,	AUT
11-12	Arrowhead	Spa,	BEL
18-19	Arrowhead	Blekinge,	SWE
18-19	Arrowhead	Santa Fé,	ARG
18-19	Arrowhead	Ardesio,	ITA
25-26	Watership Down	Watership,	GBR
25-26	Arrowhead	Margraten,	NED
July			
2-3	Arrowhead	Hombeek,	BEL
9-10	Hungarian Championships	Gödöllő,	HUN
16-17	Arrowhead	Lingen,	GER
16-17	Arrowhead	Riihimäki,	FIN
23-24	Arrowhead	Clamensane,	FRA
29-30	Swedish Open	Skövde,	SWE
30-31	Arrowhead	Espoo,	FIN
August			
2-3	Valtellina Cup	Bormio,	ITA
14-15	Arrowhead	Lure,	FRA
20-21	Arrowhead	Cerreto Laghi,	ITA
27-28	Gurgl 2000	Obergurgl,	AUT
28	Vidar Arrowhead Tournament	Oslo,	NOR
September			
3	Sandefjord Arrowhead Tournament	Sandefjord,	NOR
3-4	Arrowhead	Scharnitz,	AUT
3-4	Slovak Championships	Kezmarok,	SVK
4-9	Lake Macquarie Games	Newcastle,	AUS
9-10	XVI Campeonato de Campo	Madrid,	ESP
10-11	Arrowhead	Innsbruck,	AUT
10-11	Belgian Open	Bouillon,	BEL
16-17	Arrowhead	Genova,	ITA
17	Norway Championships	Stord,	NOR
17-18	Arrowhead	Steyrermühl,	AUT
17-18	Croatian Championships	Trakoscan,	CRO
17-18	Arrowhead	Hombeek,	BEL
November			
19-20	Arrowhead	Entre Ríos,	ARG
December			
4	Arrowhead	Piacenza,	ITA

Winning

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Associate Member of FITA

FITA Ranking List - 1993

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

INTERNATIONAL & NATIONAL WORLD RECORD TOURNAMENTS

W.R.: Best 92:	ESHEEV V. McKINNEY R.	KZK USA	1352 1352	901018&22 920512	Tashkent Tempe	W.R.: Best 92:	CHO, Y.J. CHO, Y.J.	KOR KOR	1375 1375	920801 920801	Barcelona Barcelona
MEN						WOMEN					
1.	RIVOLTA A.	ITA	1350	0514	Roncegno	1.	PARKER D.	USA	1361	0908&09	Beldibi WC
2.	PARK K.M.	KOR	1349	0825&26	Salice Terme	2.	VALEEVA N.	MLD	1353	0908&09	Beldibi WC
3.	MC KINNEY R.	USA	1346	0908	Beldibi WC	3.	LIM J.A.	KOR	1351	0512&16	Ansan
4.	HAN S.H.	KOR	1343	0825&26	Salice Terme	4.	LEE S.H.	KOR	1346	0512&16	Ansan
5.	KIM K.H.	KOR	1343	0825&26	Salice Terme	5.	PARK W.J.	KOR	1345	0512&13	Ansan
6.	KIM B.R.	KOR	1335	0917&20	Bo Eun	6.	PARK Y.S.	KOR	1345	0512&16	Ansan
7.	LIPPONEN J.	FIN	1334	0404	Tempe	7.	YU C.S.	KOR	1345	0512&16	Ansan
8.	LIM H.S.	KOR	1334	1011&17	Kwang Joo	8.	KIM J.S.	KOR	1344	0512&16	Ansan
9.	KIM K.M.	KOR	1331	0512&16	Ansan	9.	CHO Y.J.	KOR	1343	0908&09	Beldibi WC
10.	KIM J.R.	KOR	1331	0812&13	Ansan	10.	KIM H.J.	KOR	1338	1104&09	Ansan
11.	YU H.W.	KOR	1329	0402&08	Ansan	11.	YUOM Y.J.	KOR	1337	0402&08	Ansan
12.	VERSTEGEN E.	NED	1329	0507&09	Beldibi	12.	LEE H.J.	KOR	1337	1011&17	Kwang Joo
13.	PARK K.H.	KOR	1329	0512&13	Ansan	13.	LEE J.S.	KOR	1337	1011&17	Kwang Joo
14.	YU H.V.	KOR	1329	0512&16	Ansan	14.	KANG K.H.	KOR	1336	0402&08	Ansan
15.	HO J.S.	KOR	1329	1011&17	Kwang Joo	15.	HWANG J.H.	KOR	1336	0812&16	Ansan
16.	OH K.M.	KOR	1329	111&17	Kwang Joo	16.	HAN H.J.	KOR	1335	0402&08	Ansan
17.	PARK S.S.	KOR	1329	1011&17	Kwang Joo	17.	KIM E.J.	KOR	1335	0402&08	Ansan
18.	HULSH J.	USA	1328	0501	Sacramento	18.	TUNJANTS J.	KAZ	1335	0725&30	Almaty
19.	LEE J.K.	KOR	1328	1011&17	Kwang Joo	19.	KIM J.R.	KOR	1334	0512&16	Ansan
20.	LIM Y.S.	KOR	1327	0402&08	Ansan	20.	KIM K.W.	KOR	1333	0402&08	Ansan
21.	LEE S.Y.	KOR	1327	0812&16	Ansan	21.	LEE E.K.	KOR	1333	1011&17	Kwang Joo
22.	KANG T.K.	KOR	1326	1011&17	Kwang Joo	22.	SONG S.M.	KOR	1332	0512&16	Ansan
23.	ELLASON E.	USA	1324	0316&20	Tempe	23.	LEE M.O.	KOR	1331	0512&16	Ansan
24.	YUN I.S.	KOR	1324	0402&08	Ansan	24.	CHOI E.J.	KOR	1329	0512&16	Ansan
25.	GROV M.	NOR	1324	0507&09	Beldibi WC	25.	KANG K.O.	KOR	1328	0402&08	Ansan
26.	POIKOLAINEN T.	FIN	1323	0812&13	Nymburk	26.	KIM H.K.	KOR	1328	0402&08	Ansan
27.	PARENTI A.	ITA	1323	0908&09	Beldibi WC	27.	KWON M.K.	KOR	1328	0402&08	Ansan
28.	VAN ZUTPHEN F.	NED	1322	0821	Stein	28.	KIM E.K.	KOR	1328	0512&13	Ansan
29.	JOO J.W.	KOR	1322	1011&17	Kwang Joo	29.	IAKOUICHEVA O.	BLS	1328	0908&09	Beldibi WC
30.	HAN S.B.	KOR	1321	0402&08	Ansan	30.	KOO M.R.	KOR	1325	0402&03	Ansan
31.	YOUN I.S.	KOR	1321	0512&16	Ansan	31.	KIM J.H.	KOR	1325	0512&13	Ansan
32.	VOGELS H.	NED	1320	0821	Stein	32.	WANG X.	CHN	1323	0908&09	Beldibi WC
33.	CHANG Y.H.	KOR	1319	0402&08	Ansan	33.	CHUNG C.S.	KOR	1322	1011&17	Kwang Joo
34.	KIM C.Y.	KOR	1318	1011&17	Kwang Joo	34.	NASARIDZE N.	TUR	1321	0507&08	Beldibi
35.	YANG C.H.	KOR	1318	0917&20	Bo Eun	35.	OH Y.O.	KOR	1321	0512&13	Ansan
36.	YAMAMOTO H.	JPN	1316	0715	Hiroshima	36.	HU M.O.	KOR	1321	0512&13	Ansan
37.	HALLARD S.	GBR	1316	0821	Leicester	37.	PARK M.H.	KOR	1321	1011&17	Kwang Joo
38.	KOLESNIK Y.	ISR	1316	0812&13	Nymburk	38.	LEE S.M.	KOR	1320	1011&17	Kwang Joo
39.	LEE K.S.	KOR	1316	1011&17	Kwang Joo	39.	WANG H.K.	KOR	1319	0512&13	Ansan
40.	ZABRODSKY S.	UKR	1315	0812&13	Nymburk	40.	KIM Y.H.	KOR	1317	0512&13	Ansan
41.	KIM S.B.	KOR	1315	1104&09	Ansan	41.	MA X.	CHN	1317	0801	Si Chuan
42.	FLUTE S.	FRA	1313	0507&09	Beldibi	42.	VERSTEGEN C.	NED	1317	0808	Schjndel
43.	PYLPHCHUK J.	USA	1313	0601	Tempe	43.	WAGNER M.	GER	1317	0908&09	Beldibi WC
44.	TORRES L.	FRA	1313	0908&09	Beldibi WC	44.	LEE J.M.	KOR	1317	1011&17	Kwang Joo
45.	BJERENDAL GO.	SWE	1312	0812&13	Nymburk	45.	LEE H.B.	KOR	1315	0402&03	Ansan
46.	ESHEEV V.	KAZ	1311	0812&13	Nymburk	46.	YOUN H.Y.	KOR	1315	0512&13	Ansan
47.	HOLGADLO J.C.	ESP	1311	0207	Madrid	47.	KOLESNIKOVA V.	UKR	1315	0908&09	Beldibi WC
48.	WUNDERLE V.	USA	1311	0316&17	Tempe	48.	LIM H.J.	KOR	1314	0512&13	Ansan
49.	KIM Y.H.	KOR	1311	0402&08	Ansan	49.	BYELUCHA N.	UKR	1314	0908&09	Beldibi WC
50.	KONG M.S.	KOR	1310	0402&08	Ansan	50.	YANG M.K.	KOR	1313	0812&16	Ansan
51.	CHUNG J.H.	KOR	1310	1011&17	Kwang Joo	51.	O'DONNELL J.	USA	1313	0908&09	Beldibi WC
52.	HUANG F.	CHN	1309	0801	Si Chuan	52.	SJOWALL J.	SWE	1313	0908&09	Beldibi WC
53.	CHUN Y.S.	KOR	1309	1011&17	Kwang Joo	53.	LIN S.	CHN	1312	0801	Si Chuan
54.	PARK M.S.	KOR	1309	1104&09	Ansan	54.	LEONOVA I.	KAZ	1311	0908&09	Beldibi WC
55.	KIM S.N.	KOR	1308	0402&08	Ansan	55.	TESTA M.R.	ITA	1311	0908&09	Beldibi WC
56.	WLOSIK K.	POL	1308	0731&01	Zuwiec	56.	YANG S.S.	KOR	1311	1011&17	Kwang Joo
57.	LI X.	CHN	1308	0801	Si Chuan	57.	KIM M.J.	KOR	1310	0402&03	Ansan
58.	HAINLINE M.	USA	1308	0908&09	Beldibi WC	58.	CHOI H.M.	KOR	1310	0512&13	Ansan
59.	KIM H.H.	KOR	1308	1011&17	Kwang Joo	59.	PARK E.K.	KOR	1310	0512&13	Ansan
60.	KIM Y.S.	KOR	1308	1011&17	Kwang Joo	60.	BALLARIN A.	ITA	1310	0908&09	Beldibi WC
61.	HWANG J.W.	KOR	1308	1011&17	Kwang Joo	61.	PARK C.S.	KOR	1310	1011&17	Kwang Joo
62.	BARRS J.	USA	1307	0601	Tempe	62.	CHOI M.H.	KOR	1309	0512&13	Ansan
63.	KIUHKIN E.	KZN	1307	0725&30	Almaty	63.	MOON Y.H.	KOR	1309	0512&13	Ansan
64.	PRIESTMAN R.	GBR	1307	1003	Lilleshall	64.	SHUM B.S.	KOR	1309	1104&09	Ansan
65.	BAE J.K.	KOR	1306	0402&08	Ansan	65.	CHO M.S.	KOR	1308	0812&16	Ansan
66.	MATSUSHITA T.	JPN	1306	0619	Tsumagoi	66.	MONTEAN T.	UKR	1308	0908&09	Beldibi WC
67.	BAEK J.D.	KOR	1306	0402&03	Ansan	67.	KANG H.J.	KOR	1308	1104&09	Ansan
68.	LEE C.H.	KOR	1305	0402&08	Ansan	68.	CHUNG M.S.	KOR	1307	0402&03	Ansan
69.	VERMEIREN P.	BEL	1305	0908&09	Beldibi WC	69.	PARK H.M.	KOR	1307	0512&13	Ansan
70.	KIM S.B.	KOR	1305	1011&17	Kwang Joo	70.	OUCHI A.	JPN	1307	0908&09	Beldibi WC
71.	JOO W.Y.	KOR	1304	0402&08	Ansan	71.	TUTATCHIKOVA	RUS	1307	0908&09	Beldibi WC
72.	KIM C.R.	KOR	1304	0402&08	Ansan	72.	SUNG M.J.	KOR	1307	1011&17	Kwang Joo
73.	WEIS V.	FRA	1304	0718	Cluses	73.	CHUNG K.I.	KOR	1307	1011&17	Kwang Joo
74.	SHKOLNY K.	UKR	1304	0908&09	Beldibi WC	74.	CHUN J.M.	KOR	1307	1011&17	Kwang Joo
75.	DUBORPER G.	FRA	1304	0918&19	Gueret	75.	PARK I.S.	KOR	1306	0402&03	Ansan
76.	CHOI J.K.	KOR	1303	0402&08	Ansan	76.	JIN H.J.	KOR	1306	0812&16	Ansan
77.	UNBEKAND E.	FRA	1303	0606	Soissons	77.	CHOI M.J.	KOR	1306	1104&09	Ansan
78.	COTRY L.	FRA	1303	0826	Salice Terme	78.	CHOI M.J.	KOR	1305	0402&03	Ansan
79.	SHIM Y.S.	KOR	1302	1104&09	Ansan	79.	FORTE E.	ITA	1305	0812&13	Nymburk
80.	PIEPER J.	GER	1301	0619&20	Welzheim	80.	KOVACS J.	HUN	1305	0812&13	Nymburk
81.	KIM Y.I.	KOR	1301	1011&17	Kwang Joo	81.	HIBON N.	FRA	1304	0507&09	Beldibi
82.	CHOI C.	KOR	1300	0402&03	Ansan	82.	CHOI Y.S.	KOR	1304	1011&17	Kwang Joo
83.	YONG-SUNG C.	KOR	1300	0714&17	Cannes	83.	EXTEBARRIA T.	ESP	1304	0523	Guipuzcoa
84.	SHIM K.H.	KOR	1300	1011&17	Kwang Joo	84.	BONG-SOO S.	KOR	1303	0714&17	Cannes
85.	KIM J.B.	KOR	1300	1011&17	Kwang Joo	85.	YANG X.	CHN	1303	0801	Si Chuan
86.	KIM J.H.	KOR	1300	1104&09	Ansan	86.	LIN Y.Y.	TPE	1303	0908&09	Beldibi WC
87.	NAPLOSZEK S.	POL	1299	0515&16	Teresin	87.	LOESCH K.	USA	1302	0507&09	Beldibi
88.	VAZQUEZ A.	ESP	1299	0523	Asturias	88.	KONG E.K.	KOR	1302	0512&13	Ansan
89.	DOLGONOSOV	BLS	1299	0908&09	Beldibi WC	89.	KOON-JA C.	KOR	1302	0714&17	Cannes
90.	SONG S.M.	KOR	1298	1104&09	Ansan	90.	PANTATO P.	ITA	1302	0825	Salice Terme
91.	KIM S.Y.	KOR	1297	0402&03	Ansan	91.	BANG C.H.	KOR	1301	0402&03	Ansan
92.	PACE D.	USA	1297	0601	Tempe	92.	JANG K.J.	KOR	1301	1011&17	Kwang Joo
93.	LIPOLDT A.	GER	1297	0714&17	Cannes	93.	YU K.H.	KOR	1301	1011&17	Kwang Joo
94.	PARK Y.D.	KOR	1297	1011&17	Kwang Joo	94.	YUNG-HEE K.	KOR	1300	0714&17	Cannes
95.	MARZOCCH F.	GER	1296	0619&20	Welzheim	95.	EICHINGER H.	GER	1300	0812&13	Nymburk
96.	RENIERS M.	NED	1296	0812&13	Nymburk	96.	EICHINGER H.	GER	1300	0812&14	Nymburk
97.	SPANG P.J.	SWE	1296	0812&13	Nymburk	97.	EKS I.	TUR	1300	0908&09	Beldibi WC
98.	WON J.C.	KOR	1296	1011&17	Kwang Joo	98.	HYO M.O.	KOR	1300	1104&09	Ansan
99.	NAM C.S.	KOR	1295	0402&03	Ansan	99.	BACKMAN C.	SWE	1299	0507&09	Beldibi
100.	ISHINOHACHI T.	JPN	1295	0508	Tsumagoi	100.	DODEMONT S.	FRA	1299	0828	Salice Terme
348.	CADIEUX S.	CAN	1250	0825&26	Montreal	271.	GLASER J.	USA	1250	0803	Oxford

APPOINTMENT OF JUDGES

XIVth OUTDOOR TARGET CHAMPIONSHIPS OF EUROPE AND THE MEDITERRANEAN

July 19-23, 1994
Nymburk (CZE)

President:
Klaus Lindau (GER)
Members:
Ricardo Gil Lombarte (ESP)
Rene Lin (MON)
Hans Nascherger (AUT)
Paul Sictos (GRE)
Helmut Weinlich (GER)
Sergije Markic (CRO)

XIVth WORLD FIELD CHAMPIONSHIPS

August 12-14, 1994
Vertus (FRA)

President:
Jeannot Schoos (LUX)
Members:
Neil Dimmock (GBR)
Henrik Larsen (DEN)
Derrick Lovell (GBR)
Alojz Mauser (CRO)
John Womersley (AUS)
Morten Wilmann (NOR)
Dong-Eun Suk (KOR)
Jay Ben Ari (ISR)
Gabriele Valentini (SMR)
J.F. Brossard (FRA)
Raymond Poulain (FRA)
Paul Ney (LUX)

IIIrd OUTDOOR JUNIOR CHAMPIONSHIPS

August 23-28, 1994
Roncegno, Trento (ITA)

President:
Gian Piero Spada (ITA)
Members:
Macide Erdener (TUR)
Gianni Mangino (ITA)
C. Garcia Molina (ESP)
Masahiro Tominaga (JPN)
Konrad van Warmelo (RSA)
Nenad Slukic (CRO)

IXth AISAN GAMES

October 2-16, 1994
Hiroshima (JPN)

President:
Manuel Espiritu (PHI)
Members:
Masahiro Tominaga (JPN)
Baharuddin Jamil (MAL)
Sanguan Kosavinta (THA)
Shinji Egashira (JPN)
Guo Bei (CHN)
Muhammad Furqon H. (INA)
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NEWS

COMMONWEALTH GAMES 1998

Malaysia is the host of the Commonwealth Games for 1998. We are trying hard to convince our Olympic Council to include archery as one of the events.

We herewith invite your support to confirm the endorsement of archery as one of the events for the said Games.

To be seriously considered by the Olympic Council of Malaysia, we need seven Commonwealth countries' motion as a prerequisite in order to be included as an event.

We would like to appeal to your good office to respond in writing to our Olympic Council in supporting the motion as well as carbon copy to our National Association.

The official address is as follows:

The President Olympic Council of Malaysia
Mezzanine Floor, Wisma OCM
Hang Jebat Road
50150 KUALA LUMPUR

We thank you in anticipation and hope to see you in 1998.

National Archery Association of Malaysia

Mr. Konrad van Warmelo and

Mr. David Wallace

have been nominated to International FITA Judge Candidate status.

FITA Council has decided at the meeting in Salt Lake City that from now on a list of twenty best results ever reached will be run for the FITA Olympic and Compound Divisions with men and women in future. The results will be published once a year in the third annual edition of the FITA Official Bulletin. The results should be sent to Nikola Skoric in Zagreb, and we kindly ask all Member Associations which are interested in the subject to send them as soon as possible.

Scheduled International Judge Training Seminars for 1994

Seoul, Korea

Location: Tower Hotel, 5-5 San 2 Ka, Changchung-Dong, Seoul Korea.

Phone -82 2 236 2121, Fax. 82 2 235 0276
Date: June 16, 17, 18

Departure June 19 before 12.00

A farewell banquet will be hosted

Coffee breaks each morning and afternoon.

Cost: Single room and three meals

\$160.00 US per day

Double (shared) \$130.00 each person

Arrangements: Contact Mr. Um Sung-Ho.

Korean Archery Association.

88 Olympic Centre

Oryun-Dong Songpa-Ku, Seoul Korea

Phone 82 2 420 4263, Fax. 82 2 420 4262

or Mr. Um at University of Ulsan P.O.Box

18, Ulsan Korea.

All candidates must have been a National Judge for at least two years, and have a signed application from their Member Association.

St. Petersburg, Russia

Location: Russian State University Hotel,

-6 Plehanov St., St. Petersburg, Russia

Date: July 27 to 29, 1994.

Arrival July 26 14.00 to 18.00 hr's.

Departure July 30 before 12.00

A farewell banquet will be hosted. Coffee

breaks each morning and afternoon.

Accommodation: - The Archery Association

of Russia will make all arrangements. Room

and meals for the three days will cost.

\$160.00 US for shared accommodation.

(\$53.35 per day)

Arrangements: Please contact Mr. Vitaly

Kumarov, President Archery Association of

St. Petersburg.

Fax numbers: 7 821 150 9933 or 7 095 201

1020 or 7 095 248 1408

All candidates must have been a National

Judge for at least two years, and have a signed

application from their Member Association.

TO ALL MEMBER ASSOCIATIONS

I am pleased to inform you that the following faces produced by licensee manufacturers have been approved:

Field Archery - New faces produced by:

BJORN BENGTON AB and

MAPLE LEAF PRESS

Indoor Target Archery

60 cm. Target Faces with Inner Ten Ring

40 cm. Target Faces with Inner Ten Ring

40 cm. Triple Face with Inner Ten Ring

Produced by: BJORN BENGTON AB

NEWS

NEW OLYMPIC ROUND

Test for Selecting Talents

by Sante Spigarelli (ITA), Chief Coach FITARCO

The proposed method is based on creating an artificial situation in which competing by NOR rules brings about difficulties for archers.

These conditions are:

- Insufficient time to carry out the action

- A state of fatigue leading to an actual feeling of difficulty in performing a technical movement

- The alteration of heart rhythm due to various causes

Some other tests set by psychologists can also be added.

Two potential ability values have been developed. NEW OLYMPIC ROUND requires of archers two different kinds of adaptation, one for the qualification round, and the other for the final round. Potential examining tests A are based on the first requirement and tests B on the second.

The new competition NOR with its specific characteristics changes the results expected of top archers. Had such a claim been made when the GRAND FITA ROUND was introduced, it would have been appreciated, but the facts have shown that it took a few years for top archers to adapt to this new kind of competition. Some of them failed to adapt and in spite of their undoubted ability disappeared from the international ranking lists.

In the first few years after the GRAND FITA ROUND was introduced, every important tournament placed different archer in the first place. It was only later that some great names took first places at every tournament. It took a long time for the more experienced archers to adjust. This was connected with new training methods leading to their transformation.

After the results obtained in Barcelona, where new and young archers emerged, training methods should have developed in two directions, adapted to the new kind of competition and applied to junior and senior archers. New selection methods should be applied too in order to select the more talented archers for this new kind of competition.

Leaving aside training methods, let us concentrate on a new kind of selection, both of experienced and new competitors. If we are lucky enough to have a sufficient number of equally able archers, the best way would be to simulate the NOR. Unfortunately, this is rarely so, especially when we have to test juniors, aged 12-16. The proposed method takes into account different situations in which experts have to work, evaluating archers of various abilities.

Assuming that the NOR has to evaluate the abilities of a young or a particular archer we may proceed as follows:

Potential A

Let us take the basic values to be used as terms of reference, shooting 6 series of 6 arrows in 4 minutes with a five-minute interval at the distance most suitable for the archer. Whenever possible a distance of 70 meters should be used.

The following results should be recorded: the total value of the 36 arrows, the value of the sum of the three worst arrows and the number of golden arrows.

Once the base values have been found we may proceed to establish the comparative potential (A) by means of the following tests:

Test 1: We register the group value of 6 series of 6 arrows shot freely in a maximum time of 3 minutes with 4 minute interval.

Test 2: We register the group value of 6 series of 6 arrows shot freely in a maximum time of 2 minutes with 2 minute interval.

Test 3: We register the group value of 6 series of 6 arrows shot: bending to the maximum, holding in the position for 12 seconds, refraining from shooting, 35 second rest before the next shot

All this should not take longer than 5 minutes for 6 arrows.

Taking the results of all three tests and comparing them to the base values of potential A, we shall get comparative potential, showing that the closer the results to the base values, the greater will be the success of the archer.

Basic values	Test 1	Test 2	Test 3
Total value of 36 arrows	330	322-8	316-14
Value of three worst arrows	25	24-1	22-3
Golden arrows	25	22-3	20-5
Difference of the potential	-12	-22	-41
Comparing potential A	12+22+41=75		

Potential B

We take the basic values obtained in 2 series of 6 arrows in 40 seconds per arrow and with a 2 minute interval. The results achieved should be registered including: the total value of 12 arrows, the total value of the three worst arrows, the number of golden arrows.

We may proceed to establish the comparative potential A by means of the following tests:

Test 1: We register the value of 2 groups of 6 arrows shot: first bending, aiming and holding that position for 5 seconds, refraining, next shooting within 40 seconds and 40 seconds interval between arrows

Test 2: We register the number of points achieved with 12 arrows according to the following scheme:

3 arrows in 40 seconds each with 2 refraining after 10 seconds of bending	
3 " in 30 " " " " 2 " " 8 " " "	
3 " in 20 " " " " 1 " " 10 " " "	
3 " in 15 " " " " 1 " " 8 " " "	

Test 3: We register the number of points achieved with 12 arrows, each shot after 25 metres run.

Fast dressing, just quiver, tab and armguard an archer can put on before the test (5 seconds), shooting without refraining, recovering between next shooting and running is 50 seconds

To get the value of these three test, we compare it with basic values from the point B in order to get the potential.

Basic values	Test 1	Test 2	Test 3
Total value of 12 arrows	108	104-4	100-8
Value of three worst arrows	24	23-1	20-4
Golden arrows	8	8-0	6-2
Difference of the potential B	-5	-14	-22
Comparing potential B	5+14+22=41		

The proposed tests A and B are for the archers of good technical capacity. If archers are not able to fulfil the tests it will be necessary to prolong the time and shorten the distance.

These two comparative potentials A and B must be registered, catalogued and subdivided according to suggested tests, date of shooting, age of the archer, sex, distances, dimension of the target's face and they can become standards for the usage at the social, regional, and national basis. The illustrated method, besides evaluating archers' talents in comparison with others, can be efficiently used to value the achieved improvement due to professional training or some psychological interventions. The suggested tests can be applied or changed if needed, although some facts should be taken into consideration, like some ordinary technical difficulties due to the NEW OLYMPIC ROUND. These tests also give the possibility to register certain imperfections which could be changed by a professional intervention or unconditioned training.

"Facing HEAT, wind and a REIGNING CHAMPION, a world record NEVER crossed my mind!"



At the recent FITA World Target Championships in Antalya, Turkey, Korean archer Park,

Kyung-Mo faced two problems during the new Olympic Round: unfavorable weather and a highly favored opponent. But he had confidence in himself and his Easton A/C/E shafts.

"Against 90 degree heat, a steady breeze and former World Champion Stanislav Zabrodsky, I knew I'd have to be nearly perfect during this semi-final match. At 70 meters, the target seemed to be the size of a coin. My first two shots found the ten ring; my third shot, a nine. But it was to be

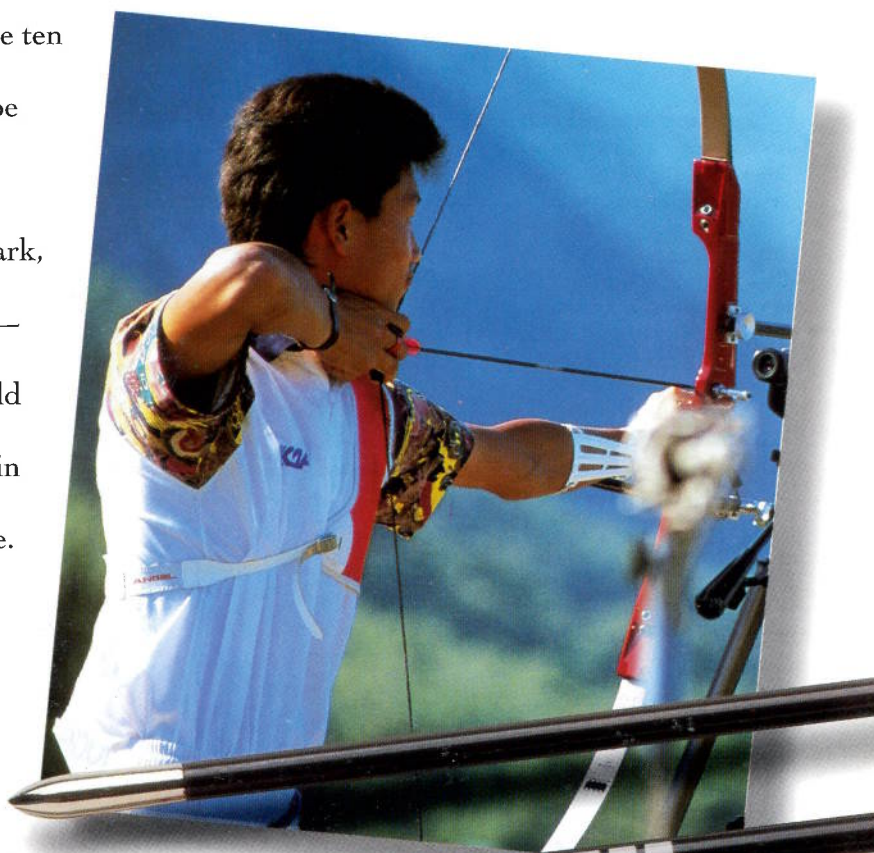


my last nine. Every other

Easton A/C/E struck its mark, and I scored 119 points out of 120 possible — a new world record. And with a new world record behind me, I went on to take first in the gold medal round. It was unbelievable. But then again, I had put in the practice. And I had my Easton A/C/E arrows."

**"The A/C/E. The only arrow
I count on for record-
setting speed and accuracy."**

- PARK, KYUNG-MO



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CHOOSE THE BEST THE BEST CHOOSE

MACH-5™

"The new PSE Mach-5 is a winner. It's designed and built just the way I want it—from the Mach Micro Springie short overdraw to the reliable Dacron string and cable combination. In our many years of competitive victories, Michelle and I have never shot any bow that compares to the Mach 5. I am proud to shoot the new Mach 5, and proud that it bears my signature."

Jimmy Ragsdale

A traditional design with striking contemporary appearance, the new Mach-5 from PSE will take you to new shooting horizons, whether your preference is competition or hunting.

With the deflex riser design preferred by many archers, PSE has incorporated computer aided design resulting in a perfectly balanced bow with minimum grip area torque at full draw. Like the other Mach Series bows, the Mach-5 riser is machined from a solid bar of 6061-T6 aluminum alloy and anodized

with Type 3 ultra-hard matte black. The Patented PSE Center-Flite principle, first introduced in 1986, allows for total broadhead and fletching clearance. Posi-Lock accessory mounting pockets assure a perfect fit for all PSE sights and quivers.

The Mach 5 features include Synergos Limb Pocket (Pat. Pend.) mountings and a Synergos Adjustable Grip (Pat. Pend.) for precision tuning. And, like the other Mach Series bows, the Mach-5 is covered by PSE's exclusive Lifetime Warranty.

MACH 5's DOMINATE NFAA

Shooting his new Mach 5, Mike Leiter led a powerful PSE field during his championship performance at the NFAA Nationals in Darrington, WA. In Championship Freestyle Unlimited, Mike was followed by PSE pro Jack Cramer—a solid 1-2 punch for PSE. Consistent Michelle Ragsdale was second in Ladies Pro Unlimited. Curt Mendenhall shared a new aggregate record in Bowhunter Freestyle Unlimited, finishing second.



MIKE LEITER



JACK CRAMER



MICHELLE RAGSDALE



CURT MENDENHALL

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