



Ariel Dynamics Inc. Media Library - Video

ABC Bob Brown



Code	adi-vid-01031
Title	ABC Bob Brown
Subtitle	ABC with Bob Brown
Description	...
Subject	Exercise Machine
Duration	00:02:21
URL	https://arielweb.com/videos/play/adi-vid-01031
Date	2013-01-16 15:40:38
Label	Approved
Privacy	Public



Synopsis

A House subcommittee has approved a bill aimed at enhancing the U.S. Olympic Committee's role in coordinating Olympic sports in the U.S. The goal is to improve the quality of American participation in the games. Bob Brown reports on a unique approach to this goal using computer technology. Gideon Ariel, a member of the U.S. Olympic Sports Medicine Committee, uses slow-motion film of athletes and computer analysis to apply natural laws to human performance. This method measures precise velocities, angles of movement, and stress points that affect an athlete's performance. Ariel believes this approach can help American athletes win more gold medals.

Model Id: gpt-4-0613
Created on: 2023-09-19 00:45:08
Processing time: 00:00:08.6320000
Total tokens: 563

Audio transcription

Frame	#	Time	Spoken text
	0.	00:00:00	<i>A House subcommittee today voted out a bill designed to give the U.S. Olympic Committee</i>
	1.	00:00:04	<i>a greater role in coordinating Olympic sports in the United States.</i>
	2.	00:00:07	<i>The bill's aim is to improve the quality of American participation in the games, or</i>
	3.	00:00:12	<i>to put it more bluntly to give us more winners.</i>
	4.	00:00:15	<i>Bob Brown reports on a different approach to the same goal based on computer technology.</i>
	5.	00:00:23	<i>The flags of Russia, Romania, and East Germany were raised frequently during the 76 Olympics.</i>
	6.	00:00:28	<i>And Olympics dominated by Soviet and Eastern European athletes.</i>
	7.	00:00:33	<i>American athletes have often lacked the facilities and opportunities to train through the Olympics.</i>
	8.	00:00:38	<i>And Gideon Ariel believes that something else has been lacking.</i>
	9.	00:00:42	<i>The application of natural laws to human performance.</i>
	10.	00:00:46	<i>An application he begins by taking slow-motion film of athletes.</i>
	11.	00:00:50	<i>That reminds by programming through a unique system what the camera has recorded into a</i>
	12.	00:00:56	<i>computer.</i>
	13.	00:00:58	<i>Ariel believes that what the computer sees can help Americans win gold medals.</i>

Frame	#	Time	Spoken text
	14.	00:01:03	<i>It measures things a coach could never measure, precise velocities, and angles of movement,</i>
	15.	00:01:08	<i>and stress points that affect an athlete's performance.</i>
	16.	00:01:12	<i>Discus thrower Mack Wilkins won a gold medal in the 76 Olympics after Ariel's computer</i>
	17.	00:01:17	<i>showed he could channel more energy into his throw.</i>
	18.	00:01:22	<i>We don't try to create bionic athletes.</i>
	19.	00:01:24	<i>What we try to do is optimize the human body.</i>
	20.	00:01:28	<i>And we apply actually the techniques that was devised in the 17th century by Newton.</i>
	21.	00:01:35	<i>Isaac Newton, of course, never coached volleyball or track.</i>
	22.	00:01:38	<i>But his principles of gravity and motion are the foundations of Gideon Ariel's work.</i>
	23.	00:01:43	<i>Ariel is here in Colorado Springs to analyze the U.S. women's volleyball team.</i>
	24.	00:01:48	<i>A big backswing he and his computer conclude makes an inefficient spike.</i>
	25.	00:01:55	<i>Ariel is a member of the U.S. Olympic Sports Medicine Committee.</i>
	26.	00:01:59	<i>It is all aimed at developing a system for U.S. Olympic athletes, a system that Gideon</i>
	27.	00:02:04	<i>Ariel believes can go a step beyond stop-watches and rulers into new measurements of the science</i>
	28.	00:02:11	<i>we have made of games.</i>
	29.	00:02:14	<i>Bob Brown, ABC News, Colorado Springs.</i>

This PDF-document has been auto-generated from a video file by arielweb-ai-bot v1.2.2023.0926 on 2023-09-28 03:46:41 without human intervention. In case of errors or omissions please contact our aibot directly at ai@macrosport.com.

Video filename: **adi-vid-01031-abc-bob-brown-256kbps.mp4**

Copyright Disclaimer

The content and materials provided in this document are protected by copyright laws. All rights are reserved by Ariel Dynamics Inc. Users are prohibited from copying, reproducing, distributing, or modifying any part of this content without prior written permission from Ariel Dynamics Inc. Unauthorized use or reproduction of any materials may result in legal action.

Disclaimer of Liability

While every effort has been made to ensure the accuracy of the information presented on this website/document, Ariel Dynamics Inc. makes no warranties or representations regarding the completeness, accuracy, or suitability of the information. The content is provided "as is" and without warranty of any kind, either expressed or implied. Ariel Dynamics Inc. shall not be liable for any errors or omissions in the content or for any actions taken in reliance thereon. Ariel Dynamics Inc. disclaims all responsibility for any loss, injury, claim, liability, or damage of any kind resulting from, arising out of, or in any way related to the use or reliance on the content provided herein.