



Ariel Dynamics Inc. Media Library - Video

Texas Rangers BB



Code	adi-vid-01118
Title	Texas Rangers BB
Subtitle	Analysis of the Texas Rangers
Description	The APAS utilized at the Texas Rangers Baseball Team
Subject	APAS;Baseball;Favorite;Performance Analysis;Sports
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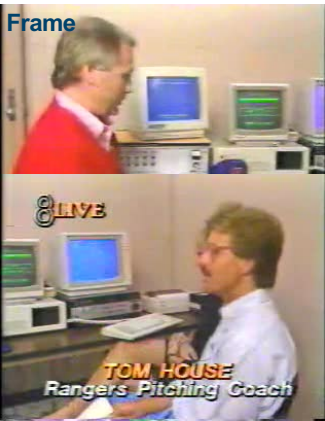





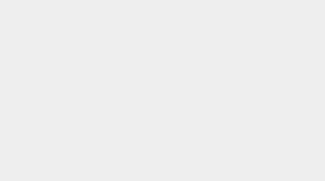
Synopsis





The video is a conversation about the new technology being used by the Rangers baseball team. The team is using motion analysis technology to improve their performance. The technology involves filming the players, digitizing the footage, and then analyzing it to understand the players' movements and improve their techniques. The technology is expensive, costing around \$500,000, but it is believed to be a worthwhile investment that could significantly improve the team's performance in the coming years. The Rangers are the first team in baseball to start using this technology.

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Audio transcription

Frame	#	Time	Spoken text
	0.	00:00:00	<i>This is a new thing with Crazy Rowlet, Midge Hill, Troy Duncan with weather, and Dale</i>
	1.	00:00:15	<i>Hanson on sports.</i>
	2.	00:00:19	<i>Rangers didn't lose in Florida today, they didn't win either, rain canceling their game</i>
	3.	00:00:23	<i>with the White Sox I believe, so Dale what does go on there in Port Charlotte when there's</i>
	4.	00:00:27	<i>no baseball?</i>
	5.	00:00:28	<i>Well, they still played a little bit of baseball, they had an inner squad game and Charlie</i>
	6.	00:00:32	<i>Huff pitched seven innings, give up only two runs again, he is pitching quite well.</i>
	7.	00:00:35	<i>And if you're wondering, Tony, this is familiar to you, you did this story when you were down</i>
	8.	00:00:38	<i>here, but we are in the Rangers motion analysis room or the video room or the computer room,</i>
	9.	00:00:43	<i>pick a name, all of them seem to fit, and Rangers pitching coach Tom House is with us</i>
	10.	00:00:47	<i>to talk about this a little bit.</i>
	11.	00:00:49	<i>This is all your equipment as you were saying, so you like all of this, have the players</i>
	12.	00:00:53	<i>responded to this?</i>
	13.	00:00:54	<i>Yes, they have, in fact they've been hanging around like green flies trying to get their</i>

Frame	#	Time	Spoken text
	14.	00:00:58	hands on the material.
	15.	00:00:59	What we've been doing the last couple of three weeks is filming everybody, digitizing everybody,
	16.	00:01:04	which pure and simply means taking the film and turning into a language that the software
	17.	00:01:08	and the computer can understand for our motion analysis.
	18.	00:01:12	Well, let's do that first, we've got Scott Anderson up here and explain this for us Tom
	19.	00:01:15	again.
	20.	00:01:16	Okay, what this is, is a stick figure representation of Scott Anderson throwing a baseball and from
	21.	00:01:22	start to finish based on the absolutes that we've decided are our best for our pitchers,
	22.	00:01:28	balanced direction, weight transfer and deception, Scott goes through his delivery, it's in the
	23.	00:01:33	memory of the computer, now this was a, we pick a positive, a strong delivery on a quality
	24.	00:01:38	pitch, now this is in the memory, it's in a little software disc over here, and then
	25.	00:01:42	two months from now, if Scott is experiencing some difficulties getting his sinker down
	26.	00:01:46	and whatever, we'll film him again, digitize him, compare what he's doing two months from
	27.	00:01:50	now with what a good delivery today was, and that'll give us an objective look rather
	28.	00:01:56	than a subjective, well I remember what he did or his knee wasn't quite here, here it
	29.	00:02:00	is according to the laws of physics.
	30.	00:02:01	All the other sports have done this and baseball in my argument has always been the one sport
	31.	00:02:06	that hasn't made the great stride, I mean the tennis players of the 50s can't play against
	32.	00:02:10	the counters, the basketball players, et cetera, do you think this will force baseball to
	33.	00:02:15	move to another level?
	34.	00:02:17	Probably not.
	35.	00:02:18	What we're finding is that what we're discovering here gives resolution to the good and great
	36.	00:02:23	instructors what they've been teaching, but how many great instructors are there?
	37.	00:02:28	What this will enable an organization to do is have top to bottom instruction objectively
	38.	00:02:33	quantified and teaching to something that is solid and absolute that means something instead
	39.	00:02:39	of guesswork.
	40.	00:02:41	Let me guess what this is supposed to tell us.
	41.	00:02:43	Okay this graph is just a representation of what you saw with the stick figure and what
	42.	00:02:50	Jimmy Photo here represents is an individual that can, he makes this machine saying hopefully
	43.	00:02:54	like I make our pitchers saying and work on a field.
	44.	00:02:58	We give him the information and he puts it in graph form which we present to each pitcher,
	45.	00:03:03	here's one for Dave Rucker on this particular day we were talking about getting your head
	46.	00:03:06	out over in front of your landing leg.
	47.	00:03:08	Jimmy takes the pictures, we digitize it, here it is, we give to the athlete.
	48.	00:03:12	Where do you measure the heart?

Frame	#	Time	Spoken text
	49.	00:03:14	<i>That is something that's not quite quantifiable.</i>
	50.	00:03:16	<i>It's something that that will still be subjective 200 years from now.</i>
	51.	00:03:19	<i>There are overachiever Scotty Fletcher as an infant, there's a perfect example of an</i>
	52.	00:03:22	<i>overachiever.</i>
	53.	00:03:23	<i>Okay it's interesting, it's interesting and it's new with the Rangers and it's working.</i>
	54.	00:03:28	<i>You're satisfied with the fishing staff at least at this early point in the season it</i>
	55.	00:03:31	<i>does appear to be working.</i>
	56.	00:03:32	<i>We'll be back at 10.30 with more tonight Tony.</i>
	57.	00:03:35	<i>Alright Dale, thank you very much.</i>
	58.	00:03:36	<i>It is fascinating equipment because it costs some \$500,000 to get this equipment and they</i>
	59.	00:03:41	<i>said that years ago it would have cost a million dollars just to get the air conditioning</i>
	60.	00:03:46	<i>for that equipment in that room.</i>
	61.	00:03:47	<i>So the Rangers, the first team in baseball to start using this stuff and they say that</i>
	62.	00:03:51	<i>it could really make a difference in a couple of years if the players especially start</i>
	63.	00:03:54	<i>watching what's on that video monitor and they can apply it to what they're doing out</i>
	64.	00:03:57	<i>on the field.</i>
	65.	00:03:58	<i>Amazing.</i>
	66.	00:03:59	<i>It's a new meaning to a curve pitch I guess.</i>
	67.	00:04:01	<i>Right.</i>
	68.	00:04:02	<i>A bell curve right.</i>
	69.	00:04:03	<i>Thanks.</i>

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