

THE SHAPE OF TOMORROW



An inspection supervisor examines a new jet engine blade produced by a process that is older than the Pyramids.

LOST WAX

To make ultramodern jet turbine engine blades, TRW Inc. starts with a "lost wax" casting process that dates back to 4000 B.C.

As the process was performed then, a wax carving was covered with clay and baked. The wax would thus be melted, or "lost," leaving a perfect clay mold.

Now the molds are ceramic, but the basic technique remains the same. TRW metallurgists have perfected a process that forces metal to reject all but one crystal as it hardens in the mold.

The result: jet engine blades

made from one single crystal of metal. The blades are stronger (able to withstand engine temperatures up to 2,500 degrees F while spinning at 8,000 rpm) and have a four times greater life expectancy than conventional multi-crystal blades.

In addition, the single crystal blades can reduce a jet's fuel consumption by about 5 percent—a sizable cost saving at today's fuel prices.

It's a technology made to order for today's new fuel-efficient jet engines that demand tougher blades. Yet it still begins with a 6,000-year-old idea.

Judith Jamison: Aspects Of A Dancer

Considered by many to be the greatest female modern dancer in the world today, Judith Jamison has been able to incorporate her most distinctive (yet initially criticized) characteristics into her dancing, as an expression of her most intimate self. Regally beautiful, unusually tall for a dancer, and possessed of a rare elegance and superb grace, Judith Jamison has achieved the ultimate realization of herself as a black woman dancer, in a world which had never seen anyone like her, simply because there had never been anyone like Judith Jamison before.

Olga Maynard, a senior editor of *Dance Magazine* and one of the foremost writers and lecturers on dance in America, has written the fascinating story of Judith Jamison and her

struggle to survive as a dancer in a nation where dance companies can cease to exist overnight, and where Alvin Ailey, the incredibly talented, enigmatic, and almost unbearably driven founder of the Alvin Ailey American Dance Theatre, was at last able to establish a place for the American black psyche in dance through his memorable choreography and his potent influence in the dance world. It was Ailey who in a very real sense discovered Judith Jamison, and it is largely through her work for this remarkable man that the world first discovered Judith Jamison. It could never forget her.

Judith Jamison: Aspects Of A Dancer traces the often difficult path to the international success and celebrity which became Judith's, following her as she literally

dances around the globe, overcoming numerous disappointments and setbacks to glory in performances which leave her audience with tears of joy running down their faces (and often her own face among them).

Divided into two narrative sections, the first, "Dancing," places Judith in the context of the contemporary dance scene, and examines her crucial influences on her as a dancer, as well as the growth, failures, and rebirth of the Alvin Ailey Company — for first and foremost, Judith is an Alvin Ailey dancer. "Living," the second section, is Judith's own account of the person of whom writer Olga Maynard concludes, "she is the sister of every black, and every woman, and every dancer. And more, she is their cause."

Thursday Evening

January 28, 1982

	WFMY CH. 2 Cable 2	WPTF CH. 28 Cable 3	WTVD CH. 11 Cable 6	WUNC CH. 4 Cable 9	WTTG CH. 5 Cable 10	WRAL CH. 5 Cable 12	WTBS CH. 17 Cable 13	WGHP CH. 8
7:00	CBS News	Family Feud	Jeffersons	MacNeil/Lehrer Almanac	Welcomeback Kotter	Good Times	Carol Burnett Sanford & Son	Joker's Wild Tic Tac Dough
7:15	P. M. Magazine	What's Happening	M.A.S.H.		M.A.S.H.	P.M. Magazine		
7:30								
7:45								
8:00	Magnum, P.I.	Fame	Magnum, P.I.	Undersea World Of Jacques Cousteau	Metromedia: "Save The Tiger"	Mork & Mindy Best Of The West	TBS Movie: "The War Between Men And Women"	Mork & Mindy Best Of The West
8:15								
8:30								
8:45								
9:00	Knol's Landing	Diff'rent Strokes Gimme A Break	Knol's Landing	Sneak Previews Family Towers		Barney Miller Taxi		Barney Miller Taxi
9:15								
9:30								
9:45								
10:00	Nurse	Hill Street Blues	Nurse	Dr. In The House Dave Allen At Large	News	20/20	TBS News	20/20
10:15								
10:30								
10:45								
11:00	News	News	News	Twilight Zone Nightline	M.A.S.H.	News	All In The Family TBS Theatre: "Johnny"	News
11:15								
11:30	Late Movie: Tonight		Charlie's Angels		Odd Couple	Nightline		Dick Clark's
11:45								
12:00					Perry Mason	Vega\$	Guitar	Sanford & Son Entertain Tonight
12:15								
12:30		Tomorrow	Rockford Files					
12:45								

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7:15	P. M. Magazine	What's Happening	M.A.S.H.		M.A.S.H.	P.M. Magazine		
7:30								
7:45								
8:00	Dukes Of Hazzard	NBC News Magazine	Dukes Of Hazzard	Washington Week Wall Street Week	The Waltons	Benson	TBS Movie: "McHale's Navy Joins The"	Benson
8:15						Bosom Buddies		Bosom Buddies
8:30								
8:45								
9:00	Dallas	McClain's Law	Dallas	National Geographic	Merv Griffin	ABC News Special	Air Force	ABC News Special
9:15								
9:30								
9:45								
10:00	Falcon Crest	NBC	Falcon Crest	Austin City Limits	News	Strike Force	TBS News	Strike Force
10:15								
10:30								
10:45								
11:00	News	News	News	Twilight Zone Dick Cavett	M.A.S.H.	News	All In The Family TBS Theatre: "Ship Of"	News
11:15								
11:30	Late Movie: Tonight		Charlie's Angels		Odd Couple	Nightline		Nightline
11:45								
12:00					An Evening At The Improv	Solid Gold	Fools	Fridays
12:15								
12:30		Network 90	Late Movie:					
12:45								

So says the VA... MOON MULLINS
By Ferd Johnson

TH' V.A. WILL HELP
VETERANS GO TO
COLLEGE!



Contact nearest VA office
(check your phone book) or
a local veterans group.