

PROTECTING HUMANS IN MOTION

2024 Human Solutions and Avalution form Humanetics Digital
Bringing ergonomic and body data solutions under the Humanetics Portfolio

2023 Launch of Humanetics Connect Software Portfolio
Creating the ability to connect crash testing tools for a more efficient workflow.

2022 mg-sensor and ATD-LabTech join Humanetics
Bringing additional sensor technology and safety testing to the Humanetics' safety product family

2021 Launch of Active Safety Product Line
Providing Ultra Flat Overrunable devices

2020 Human Solutions joins the Humanetics group
Enhancing Humanetics' product line to include ergonomic software

2020 THOR-5F SBL-B ATD
Arrives on the scene as the most biofidelic female ATD

2015 Humanetics Builds First THOR-5F ATD

2012 THOR-50M ATD Released
THOR-50M released by Humanetics with support from NHTSA

2011 Hybrid III 5F added to NCAP
For some positions in the vehicle (right front passenger)

2010 Humanetics Innovative Solutions Formed
When Denton ATD and FTSS merged and rekindled the legacy by re-naming the company Humanetics Innovative Solutions

2007 First THOR Small Female prototype
Developed to represent smaller female occupants

2006 Hybrid III 5F Testing Speed Increased
FMVSS No. 208 for belted 5th female increased from 30 mph to 35 mph

2004 Q-Series Child ATD Released
A series of child ATDs released by FTSS

2000 Denton ATD Formed
Through the consolidation of Denton and ASTC

1999 FTSS acquires TNO and Ogle
FTSS acquired the dummy manufacturing portions from TNO and English company, Ogle

1997 WorldSID-50M Developed
The side impact ATD developed under ISO

1997 European New Car Assessment Established
Euro NCAP was established to test new vehicle safety in Europe

1995 First Virtual ATD Models released
Released by Humanetics (FTSS)

1994 THOR ATD Developed
Started development under NHTSA

1994 BioRID Rear Impact ATD Developed
BioRID was developed by Chalmers University in Sweden

1991 Vector Research Founded
As a dummy manufacturing company based in the US, later known as ASTC

1990 Hybrid III-50M Introduced into NCAP

1988 First Technology Safety Systems (FTSS) Created
When Alderson Research Labs and Humanetics merged

1987 Introduction of Hybrid III 5th Female and Hybrid III 95th male
ATDs were developed to represent female and larger male occupants

1986 Hybrid III Specified in the US
The Hybrid III is used in regulations for first time

1984 Hybrid III Modifications Developed
New York Passes Seat Belt Law
New York became the first state to require seat belt use

1984 Denton founded
With the purpose to make critical load cell sensors for crash test dummies

1984 Airbags an option offered in vehicles
The Oldsmobile Toronado was the first production vehicle to offer airbags

1984 NHTSA Creates NCAP
Becomes the first New Car Assessment Program to assign safety ratings to vehicles

1984 P-Series Developed by TNO
Developed in conjunction with the United Nations child experts to test child restraint systems in Europe

1984 Hybrid II Dummy manufactured
By ARL and Sierra Engineering

1984 NHTSA mandated to provide relative crash worthiness
Mandated under Title II of the Motor Vehicle Information and Cost Savings Act of 1973 to provide relative crashworthiness to consumers

1984 Side Impact ATD Developed
To measure crash effects from impacts on the side of a vehicle

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1977 HUMANETICS' Humanoid Systems Formed
Later renamed Humanetics

1977 GM develops first Hybrid I
by combining the most useful aspects of its predecessors

1977 ARL Develops VIPs
The VIP was the first frontal crash test dummy

1977 NASA uses ARL Dummies
Tested the safety of the two-man capsule, Project Gemini

1977 Sierra Engineering
Starts manufacturing frontal crash test ATDs

1977 Volvo designs three-point seat belt
Becomes first auto maker to standardize seat belts in all models

1977 Humanetics Founded
By Sam Alderson as Alderson Research Laboratories (ARL)

1977 MARK I Created
By ARL for the U.S. Air Force to test parachutes

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With the vision to 'Save lives, prevent injuries, and reduce vehicle-related crashes'

1970 TNO-10 Introduced
By TNO, a company from the Netherlands

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