

MICHAEL E. TAUBER

1935 – 2022



**A LEGEND AND ONE OF THE
GREATEST CONTRIBUTORS
to NASA MISSIONS,
AEROTHERMODYNAMICS AND
ABLATIVE TPS APPLICATIONS**

Photo credit: James Evans Lyne, long-time colleague, friend and student of Mike Tauber.

THE ABLATION COMMUNITY HAS LOST A PIONEERING GIANT, MICHAEL E. TAUBER (1935 – 2022)

Mike was born in Berlin, Germany in April 1935. Mike passed away on October 17, 2022 in Seattle, Washington.

Mike was a survivor of the Holocaust. He immigrated to United States with his mother and was educated at the University of Washington and Stanford, majoring in Engineering.

Mike was hired by Al Seiff in 1962 to work at NASA Ames in the Hypervelocity Free-Flight Branch from his position at Boeing, Seattle and spent the rest of his career at Ames. Even after retirement, he supported NASA Missions as a consultant when needed.



A PIONEERING GIANT, MICHAEL E. TAUBER (1935 – 2022)

- Tauber- Sutton Correlation
- Galileo Probe Mission to Jupiter
- Rotorcraft
- Mars Missions – from Pathfinder, MER, Phoenix and Insight
- Why do we use specific entry system shapes at certain destinations?
- *Howard Hughes Award (1985)*
- Al Seiff Award (2010)



SELECTED PUBLICATION MICHAEL E. TAUBER

[1] Tauber, M/E., ALVIN (AL) SEIFF: Thoughts about and Lessons from a Great Engineer, Eloret Corporation, PO Box 865, Edmonds, WA, USA 98020, mtauber@earthlink.net ABSTRACT Alvin, 7th International Planetary Probe Workshop (IPPW-7) 2010.

[2] Tauber, M. E., “Atmospheric Entry into Jupiter”, Journal of Spacecraft and Rockets, vol. 6, no.10, Oct. 1969, pp. 1103-1109.

[3] Tauber, M. E., “Some Simple Scaling Relations for Heating of Ballistic Entry Bodies”, Journal of Spacecraft and Rockets, vol. 7, no. 7, July 1970, pp. 885-886.

[4] Tauber, M. E. and Wakefield, R. M., “Heating Environment and Protection During Jupiter Entry”, Journal of Spacecraft and Rockets, vol.8, no. 6, June 1971, pp. 630-636.

[5] The Howard Hughes Memorial Award **honors exceptional leaders who have advanced the fields of aviation or aerospace technology.**

https://en.wikipedia.org/wiki/Howard_Hughes_Memorial_Award

[6] Tauber, M. E., Sutton, K., “Stagnation-Point Radiative Heating Relations for Earth and Mars Entries”, *Journal of Spacecraft*, Vol. 28, No 1, 1991, pp.40-42

