



Dr. James P. Peterson (19xx – xxxx)

NASA Langley Research Center

James P. Peterson died on February 19, xxxx at the age of 82. Peterson, a native of Pennington County, S.D., retired from NASA in 1980 after 36 years of service at Langley Research Center, 16 as chief engineer in the Aircraft Energy Efficiency Project Office. He went on to work as a consultant to Newport News Industrial Corporation from 1981 to 1985.

Selected Publications:

Kuhn, P. and Peterson, J.P., "Strength analysis of stiffened beam webs", NACA TM 1364, 1947

Kuhn, P., Peterson, J.P. and Levin, L.R., "A summary of diagonal tension, Part I and II", NACA TN 2661 and 2662, May 1952

Peterson, J.P., "Weight-Strength Studies of Structures Representative of Fuselage Construction", NACA TN 4114, October, 1957.

Peterson, J.P. and Dow, M.B., "Compression Tests on Circular Cylinders Stiffened Longitudinally by Closely Spaced Z-Section Stringers", NASA MEMO 2-12-59L, 1959.

J.P. Peterson, "Correlation of the buckling strength of pressurized cylinders in compression or bending with structural parameters, NASA, 1960

Peterson, J.P. and Whitley, R.O., "Local buckling of longitudinally stiffened curved plates", NASA TN D-750, 1961

Peterson, J.P. and Dow, M.B., "Structural behavior of pressurized, ring-stiffened, thin-wall cylinders subjected to axial compression", NASA TN D-506, 1960

Peterson, J.P. and Anderson, J.K., "Test of a truss-core sandwich cylinder loaded to failure in bending", NASA TN D-3157, 1965

Peterson, J.P. and Anderson, J.K., "Bending tests of large-diameter ring-stiffened corrugated cylinders", NASA TN D-3336, 1966

J. Peterson and M.F. Card, "Investigation of the buckling strength of corrugated webs in shear", NASA TN D-424, 1966

J.P. Peterson, "Influence of specimen design and test procedure on results of buckling tests of shell structures", in Test Methods for Compression Members, ASTM STP 419, Am. Soc. Testing Mats., 1967, p. 97

Weingarten, V. I., Seide, P. and Peterson, J. P., "Buckling of Thin Walled Circular Cylinders," NASA SP-8007, 1968.

Peterson, James P., "Structural Efficiency of Aluminum Multiweb Beams and Z-Stiffened panels reinforced with filamentary boron-epoxy composite", NASA TN D-5856

