

**MS-012 Richard G. Snyder Papers**

Drawer 149 Free Falls (Reports / Studies / Tests / Publications / Alakseev (USSR) 1954 - Stasevich 1943)

<b>Drawer</b>	<b>File</b>	<b>Title</b>	<b>Dates</b>
149 (1 of 2)	1	Acceleration Lecture Notes	undated
149 (1 of 2)	2	Finnish Letter. Russo-Finnish Troop Drops without Parachute	1966
149 (1 of 2)	3	Alakseev, A. P. (USSR). Trauma in Parachutists	1954
149 (1 of 2)	4	Voенно-Med. (USSR). Parachute Trauma Analysis	1957
149 (1 of 2)	5	Russian WWII Drops No Parachutes	1942
149 (1 of 2)	6	California Highway Patrol: Golden Gate Bridge Leapers	1974
149 (1 of 2)	7	Impact	1956
149 (1 of 2)	8	Carlson, A. J., et al. "The Physiology of Free Fall through the Air; Delayed Parachute Jumps"	1942
149 (1 of 2)	9	Casby, J. U., and N. A. Norman. "Correlographic Analysis of Afferent and Efferent Activity during the Jerk Reflex"	1965
149 (1 of 2)	10	Charlestown, S. C. "The Ankle Breaker"	undated
149 (1 of 2)	11	Chesalov, A. V. "Problems of Rescuing Crews at Emergencies at Greater Speeds and High Flight Altitudes"	1965
149 (1 of 2)	12	Chiffelle, T. L., et al. "The Biologic and Pathologic Effects of Blast Injury"	1968
149 (1 of 2)	13	Chubb, R. M., et al. "Correlation of Parachute Landing Injuries and Surface Wind Velocity"	1964
149 (1 of 2)	14	Ciccione, R., and R. M. Richman. "The Mechanism of Injury and the Distribution of Three Thousand Fractures and Dislocations Caused by Parachute Jumping"	1948
149 (1 of 2)	15	Lane, J. C. (Letter). Three-Point Harness Problems, 1 Stunt Lateral Fall	1983
149 (1 of 2)	16	Simons, A. K., and M. A. Schmitz. "The Effect of Low Frequency, High Amplitude Whole Body Vibration On Human Performance" [actually labeled as "Cobb, D. B. 1959 Meas. Force Exerted by Parachute Drg. Opening]	1958
149 (1 of 2)	17	Cobb, D. B. (RAF). "The Technique of Measuring the Force Exerted by a Parachute during Opening"	1959
149 (1 of 2)	18	Cobb, D. B. (RAE). "The Stabilisation of Men during Descent from High Altitudes"	1965
149 (1 of 2)	19	Cook Research Laboratories. "A Study of Design and Materials for Development of Low Cost Aerial Delivery Parachutes"	1959

149 (1 of 2)	20	Corey, C. J. (Tactical Air Command). HALO Parachute Techniques	1964
149 (1 of 2)	21	Cotner, J. S. "Analysis of Air Resistance Effects"	undated
149 (1 of 2)	22	Cotner, J. S. "Analysis of Air Resistance Effects on the Velocity of Falling Human Beings"	1969
149 (1 of 2)	23	Cotner, J. S. Basic Data-Air Resistance / Falling - Body	1963
149 (1 of 2)	24	De Haven. (Stech). Free-Fall Calculations	undated
149 (1 of 2)	25	De Haven, H. 15 Falls. Mechanics of Injury under Force Conditions	1944
149 (1 of 2)	26	De Haven, H. "Miraculous Safety"	1941
149 (1 of 2)	27	De Haven, H. "Beginning of Crash Injury Research"	1968
149 (1 of 2)	28	De Haven, H. "Mechanical Analysis of Survival in Falls from Heights of Fifty to One Hundred and Fifty Feet"	1942
149 (1 of 2)	29	De Haven, H. 1938 Fall Cases 72' / 93'. "Beginnings of Crash Injury Research"	1968
149 (1 of 2)	30	De Haven, H. Personal Correspondence	1978
149 (1 of 2)	31	Dugan, J. C. "Method for Calculating the Trajectory of a Man Ejected from an Airplane"	1946
149 (1 of 2)	32	Gilbert, J. H., et al. "The Physiological Response of Anthropometrically Selected Female Military Personnel to the Test Parachuting Environment"	1980
149 (1 of 2)	33	Johnston, M. "An Investigation of Ripcord Pull Force Capability of Male and Female Skydivers for Ripcords Located on the Left Main Lift Web at Chest Level"	1980
149 (1 of 2)	34-35	University of Oklahoma. Free-Falls	undated
149 (1 of 2)	36	Reader's Digest. "The Man Who Fell to Earth"	1980
149 (1 of 2)	37	WADC. United States Air Force Parachute Handbook	1959
149 (1 of 2)	38	Alekseyev, S. M., et al. (USSR). "Elements of the Movement of a Parachutist and Designing the Parachute"	1961
149 (1 of 2)	39	Science. Why Woodpeckers don't need helmets	1980
149 (1 of 2)	40	Free-Fall Copies	1981
149 (1 of 2)	41	Spanish soldiers in New Mexico falling down a 400 foot cliff in 1598 [actually labeled as "Press release /HSRI 1977 free-fall study (1958 lead)"]	undated
149 (1 of 2)	42	Lackner, J. R., and A. Graybiel. "Perceived Orientation in Free-Fall Depends on Visual, Postural, and Architectural Factors"	1983
149 (1 of 2)	43	States, J. D., and P. V. Hight. "Tolerance of Human Femur Derived From an Accidental Fall"	1982

149 (1 of 2)	44	Layton, T. R., et al. "High Free Fall With Survival"	1981
149 (1 of 2)	45	Hearn, B. M., et al. (Aeronautical Research Laboratories, Australia). "Simulated Free Fall of a Stuntman"	
149 (1 of 2)	46	Letter. KC-135/B-52 Collision Seattle Free-Fall, 1950ies	1981
149 (1 of 2)	47	Zappe, D. "Surviving Impact into Snow"	1981
149 (1 of 2)	48	Puddycomb, R. H. "Free Fall Drop Tests of F-100D Ejection Seat Occupied by an Articulated Dummy or Live Jumper"	1964
149 (1 of 2)	49	U.S. Naval Aviation Safety Center. Ejection Records Injuries	1964
149 (1 of 2)	50	Aviation Week, October 17th 1960. USAF Escape Systems / Ejection / Parachute Chart of Jump Survivability	1960
149 (1 of 2)	51	Joernes, J. NASA Texas: Non-Fatal Chute Fail	1965
149 (1 of 2)	52	Articles. Parachute - Miscellaneous Free-Fall Survivals	undated
149 (1 of 2)	53	El Centro, Calif. Joint Parachute Test Facility	1964
149 (1 of 2)	54	Miscellaneous Human Tolerance Diagrams	undated
149 (1 of 2)	55	Cohen, H. N., and L. B. Dubrow. "Method for Calculating Maximum Impact Load in Designing a Parachute Suspension System"	1955
149 (1 of 2)	56	Free-Fall Time Charts	undated
149 (1 of 2)	57	Askeri. Parachute Injuries	1940
149 (1 of 2)	58	Heim, J. W., et al. Dummy Free Fall Rates and Comparison to Man / Animal	1946
149 (1 of 2)	59	Burton, A. C. "The Rates of Free-Fall and Open Parachute Descent from High Altitudes"	1944
149 (1 of 2)	60	Bunn, H. R. "The Problems of Ejection Parachuting"	1946
149 (1 of 2)	61	Narisi, S. L. "Time of Fall in Low Altitude Escape"	1957
149 (1 of 2)	62	Madson, R. A. (AMRL). "High Altitude Balloon Dummy Drops"	1957
149 (1 of 2)	63	Lukas, G. M., et al. "Injuries Sustained from High Velocity Impact with Water: An Experience from the Golden Gate Bridge"	1981
149 (1 of 2)	64	Kernan, M. (Smithsonian). "Remembrances of Those Who Fell from the Heights"	1981
149 (1 of 2)	65	Mizoi, Y., et al. (Medicolegal Society of Japan). "Experimental Study of Falls from Heights using 'Dummy'"	1977
149 (1 of 2)	66	USAF. Tables: Rates of Free Fall	1953
149 (1 of 2)	67	USN. ACED 150 Foot Vertical Drop Tower	1968
149 (1 of 2)	68	USN. Research Notes. "Crash-Injury Research on Survivor of 150 -Foot Fall"	1959

149 (1 of 2)	69	Recent Miscellaneous Fall Newsclippings	1979
149 (1 of 2)	70	Penfold, M. F., et al. "Tolerance of the Human Body to Abrupt Deceleration: An Analysis of Free Falls Impacting on to Water, from the Sydney Harbour Bridge"	1966
149 (1 of 2)	71	Stech, E. L. "An Analysis of Free Fall Accident Data involving the Human Body in the Transverse Direction"	1963
149 (1 of 2)	72	Cotner, J. S. "Velocity of Falling Human Beings"	1966
149 (1 of 2)	73	Fujiwara, S., et al. (Japanese). "Deaths by Precipitation from Elevation Investigated by Medical Examiner's Office in Hyogo Prefecture"	1976
149 (1 of 2)	74	[empty folder]	
149 (1 of 2)	75	Andes, G. M., and J. E. McNutt. "Capillary Phenomena in Free Fall"	1961
149 (1 of 2)	76	Cicccone, R., and R. M. Richman. "The Mechanism of Injury and the Distribution of Three Thousand Fractures and Dislocations caused by Parachute Jumping"	1948
149 (1 of 2)	77	Chubb, R. M., et al. "Correlation of Parachute Landing Injuries and Surface Wind Velocity"	1964
149 (1 of 2)	78	Davis, W. "Parachuting Injuries: Their Prevention"	1964
149 (1 of 2)	79	Von Heinrich von Stryk. "Rettungsabspruenge u. Fallschirmunfaelle 1933 in Deutschland"	1934
149 (1 of 2)	80	Diligenskaya, E., and S. Filipowitsch. "Cardiovascular Reaction during Parachute Jumping"	1917
149 (1 of 2)	81	Air Surgeons Bulletin. Parachuting Injuries	1944
149 (1 of 2)	82	Engle, E. "Escape from the Air and from the Sea"	1963
149 (1 of 2)	83	Cernoch, O. (Czeck). Parachutist Observations	1951
149 (1 of 2)	84	Viano, D. C., and J. D. States (GM). "Dive Impact Tests and Medical Aspects of a 70 Year Old Stunt Driver"	1975
149 (1 of 2)	85	Alexander, C. B. J. (India). "Medical Aspects of Paratrooper Training"	1956
149 (1 of 2)	86	Kittinger. 74', 700', 76' 400' , 102', 800' Free-Fall Jumps	1959-1960
149 (1 of 2)	87	Kittinger J. W. Free-Falls Lecture in Aerospace Medicine	1959
149 (1 of 2)	88	JASDF. Aeromedical Laboratory	undated
149 (1 of 2)	89	Dille, J. R., and A. H. Hasbrook. Boeing Free-Falls 8 from 39000. "Injuries due to Explosion, Decompression and Impact of a Jet Transport"	1966
149 (1 of 2)	90	Continental Air Lines (CAB). Iowa Free Falls 22 May 1962	1962
149 (1 of 2)	91	Dover Corporation. Dover Elevators	1965

149 (1 of 2)	92	Garrison, P. "Falling"	1975
149 (1 of 2)	93	Water Impact Test Plan	undated
149 (1 of 2)	94	Bellevue Hospital, NY. Case # 5 A. Simek (44' 5" M 40)	1961
149 (1 of 2)	95	Marin General Hospital, Ca. Case # 32 F. Kennedy (218' M 20)	1961
149 (2 of 2)	1	Stasevich, R. A. "Dynamics of Parachute Jumps"	1943
149 (2 of 2)	2	State of California Occupation Fall Injury Data	1973 -1977
149 (2 of 2)	3	Stech 1963 An Analysis of Free Fall Accident Data....[empty folder]	
149 (2 of 2)	4	Stech, E. L. Free Fall Accident Data - Human Body in Transverse Direction	1963
149 (2 of 2)	5	Teen "Sniffers"	1978
149 (2 of 2)	6	Syzrantsev, Yu. K., et al. (USSR) Parachute Jumping / Metabolism	1963
149 (2 of 2)	7	Terisseyre, J. H. Free-Falling Bodies Trajectories	1959
149 (2 of 2)	8	Thomas, B. K. (Aviation Week & Space Technology) Energy Absorbing Key -- FreeFall	1967
149 (2 of 2)	9	Thompson, L. J. (Strato-jump) High Altitude Bail-Out	1958
149 (2 of 2)	10	Tobin, W. J. (War Medicine) "Parachute Injuries"	1944
149 (2 of 2)	11	Tooker, D. K. Bailout-Inoperable Parachute 20,000 feet	1967
149 (2 of 2)	12-13	Turner, P. (Guy's Hospital Gazette) "A Fall from a Cliff 320 feet High without Fatal Injuries"	1919
149 (2 of 2)	14	Viano, D. C., and J. D. States. (GM) Stunt Driver Impact Tests	1975
149 (2 of 2)	15	Zhurnal, V-M. (USSR) "The Analysis of Parachute Trauma"	1957
149 (2 of 2)	16	Von Beckh, H. J. Flight Acceleration followed/preceded by weightlessness	1958
149 (2 of 2)	17	Von Heinrich. (German) Emergency Rescue Jumps and Parachute Jumps	1933
149 (2 of 2)	18-19	Meixner, K. (German) "Falls"	1929 -1931
149 (2 of 2)	20	Walchner, O., and F. M. Sawyer. " Parachutist's Spin Problem"	1958
149 (2 of 2)	21	Webster, A. P. (National Advisory Committee for Aeronautics) Free-Falls and Parachute Descents	1947
149 (2 of 2)	22	Webster, A. P., and H. A. Smedal. "Suggested Altitude vs. Velocity Tolerances for Parachute Opening Shock"	1949
149 (2 of 2)	23	Willians, T. W. "Parachuting and Skydiving"	1964
149 (2 of 2)	24	Winfield, B. (RAF) 1942 11,000 Parachute Descents [empty folder]	

149 (2 of 2)	25	Zaccor, J. V., and N. R. Wallace. "Techniques and Equipment for Determining Dynamic Properties of Soils"	1963
149 (2 of 2)	26	Zuckerman, S. "The Biological Effects of Explosions"	1939 - 1946
149 (2 of 2)	27-28	Frank, G. R., and K. H. Johnston. (Oklahoma State Medical Association) Fractures of the Calcaneus	1965
149 (2 of 2)	29	Medlars Print-Out Freefall Bibliography	1977
149 (2 of 2)	30	Freefall Abstracts Bibliography	1977
149 (2 of 2)	31	Gamow, G. "Gravity"	1961
149 (2 of 2)	32	Ganem, G. P. "Absolute Judgments of Velocity"	1962
149 (2 of 2)	33	GM (13" water) Stuntman 35' dive	undated
149 (2 of 2)	34	Grech, P. "Falls from Coconut Trees"	1963
149 (2 of 2)	35	Greenwood, J. R. "The Parachute"	1964
149 (2 of 2)	36	Nole, J. D. (Readers Digest) "I Bailed Out Ten Miles Up!"	1964
149 (2 of 2)	37	Hall, A. L. Surface Area Profiles of Jumpers	1950
149 (2 of 2)	38	Hall, F. G., et al. (Army Air Forces) Physiology Simulated Free-Fall	1944
149 (2 of 2)	39	Hallel, T., and L. Naggan. Parachuting Juries	1975
149 (2 of 2)	40	Hallenbeck, G. A., et al. Times of Free Fall of Anthropomorphic Dummies	1946
149 (2 of 2)	41-42	Hearn, B. M., et al. (Australia) "Simulated Free Fall of a Stuntman"	1970
149 (2 of 2)	42	Heinrich, et al. "Theoretical Parachute Investigations"	1963
149 (2 of 2)	43	Heinrich, H. G. Parachute Recovery Systems	1952
149 (2 of 2)	44	Hunley, H. C., and E. P. Jacobs. Less than Lightest Parachute Jump. Sky Hook.	undated
149 (2 of 2)	45	Iskrant, A. P., and D. F. Sullivan. (National Safety Council) "Accident in Public Places"	1960
149 (2 of 2)	46	Jacobs, A. M. "Rates of Descent of a Falling Man"	1928
149 (2 of 2)	47	Judd, W. R. Sitzmark-ski injuries	1960
149 (2 of 2)	48	Kaiser, W. Body Damage Thru Free Fall (Parachute Escape)	1928
149 (2 of 2)	49	Kelly, E. J. "The Radar Measurement of Range, Velocity and Acceleration"	1961
149 (2 of 2)	50	Kiel, F. W. (Military Medicine) "Hazards of Military Parachuting"	1965
149 (2 of 2)	51	Kernbach, M., and V. Hurghisiu. (Head Injuries) "Contributo allo studio della caduta"	undated

149 (2 of 2)	52	Khromushkin, A. I. "Parachute Jumping from the Stratosphere"	1944
149 (2 of 2)	53	Kirschaum, H. 32,000 feet bailout without oxygen	1944
149 (2 of 2)	54	Kittinger, J. W., Jr. "Stable vs Unstablized Free Fall from High Altitudes" Citation only	1960
149 (2 of 2)	55	Klimas, P. C. Parachute Compressibility Effects	1978
149 (2 of 2)	56	Knapp, S. C. (Army) Effects of Ejection and Parachuting	1970
149 (2 of 2)	57	Knepper, P. A. "Parachute Fractures"	1945
149 (2 of 2)	58	Lewis, W. S., et al. "Jumpers Syndrome"	1965
149 (2 of 2)	59	Lord, C. D., and J. W. Coutts. 250,000 Parachute Jump/Injuries	1944
149 (2 of 2)	60	Madson, R. A. "High Altitude Balloon Dummy Drops"	1961
149 (2 of 2)	61	Army Air Forces Free-Fall Test Bailout Deceleration	1947
149 (2 of 2)	62	Albay, C. I. "Medical Considerations on the Parachutist"	1940
149 (2 of 2)	63	Abernethy, J. Historical Fall cases	1797
149 (2 of 2)	64	Alexander, L. (U.S./German) "Miscellaneous Aviation Medical Matters"	1945
149 (2 of 2)	65	Maison, G. L., et al. (Air Surgeon's Bulletin) "Parachute Shock Forces"	1945
149 (2 of 2)	66	Anon. (The Airman) "Hit the Canvas"	1964
149 (2 of 2)	67	Marshall, J. (Ed). (Skylights) Sky Divers-Free Fall	1962
149 (2 of 2)	68, 70	McCloy, C. H. Jump Landing Shock in Females	1931
149 (2 of 2)	69	Matthews, B., and T. C. D. Whiteside. "Tendon Reflexes in free fall"	1960
149 (2 of 2)	71	McLatchie, G. R. Karate Injuries	1976
149 (2 of 2)	72	Jones, G. M., and L. R. Young. "Directional Uncertainty during Vertical Acceleration"	circa 1973
149 (2 of 2)	73	Melzig, H. D., et al. (AGARD) Bailout/Autorotating Helicopter	1978
149 (2 of 2)	74	Narisi, S. L. "Time of Fall in Low Altitude Escape"	1957
149 (2 of 2)	75	Nordtvedt, K. L. Gravitation Theory: Empirical	1972
149 (2 of 2)	76	Partridge, B. W. M. Cliff Falls in Torbay	1974
149 (2 of 2)	77	Popham, P. E. German Parachute Corps	1940
149 (2 of 2)	78	Powers, J. H., and J. F. Lincoln. Infancy and Child Accidents	1953
149 (2 of 2)	79	Puddycomb, R. H. "Haman Free-Fall Trajectories" Edwards AFB TDR 64-10	1964
149 (2 of 2)	80	Pyasetskaya, G. (Translation) Review of the Forces of Parachutists	1962

149 (2 of 2)	81	Rosen, V. H. Paratroopers' Brachial Plexus Trauma	1945
149 (2 of 2)	82	Russian Parachute Jump Flight	1940
149 (2 of 2)	83	Schane, W. P., and K. E. Slinde. (U.S. Army Aeromedical Research Unit) "Continuous EKG Recording During Free-Fall Parachuting"	1967
149 (2 of 2)	84	Schane, W. P. (U.S. Army) "Parachute Escape from Helicopters"	undated
149 (2 of 2)	85	Schmitt, T. J. "Wind-Tunnel Investigation of Air Loads on Human Beings"	1954
149 (2 of 2)	86	Scheubel, F. N. "Parachute Opening Shock"	1945
149 (2 of 2)	87	Scientific American. Parachute Jump	1913
149 (2 of 2)	88	Siffre, M. (France) Parachute Jump Injuries	1951
149 (2 of 2)	89	Sevey (Draft) Critique of Snyder Falls	circa 1963
149 (2 of 2)	90	Snyder, R. G. "Human Tolerances to Extreme Impacts in Free-Fall"	1963
149 (2 of 2)	91-92	Snyder, R. G. "A Case of Survival of Extreme Vertical Impact in Seated Position"	1962
149 (2 of 2)	93	Snyder, R. G. "Human Tolerance to high Deceleration Forces	1959
149 (2 of 2)	94	Stasevich, R. A. (Translations) "Dynamics of Parachute Jumps"	1943