

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

Drawer 34 Aircraft Emergency Egress / Ditching / Ejection and Spinal Injury

<b>Drawer</b>	<b>File</b>	<b>Title</b>	<b>Dates</b>
34 (1 of 2)	1	Ditching Accident Reports For Cases Where Injury or Fatality Reported	1964-1975
34 (1 of 2)	2	Piper PA-28 : Forced landings off Airport	1972
34 (1 of 2)	3	Drowning	undated
34 (1 of 2)	4	Ditching, PA-23 Cases	1964-1973
34 (1 of 2)	5	Water Impact Paper "Human Tolerance Limits in Water Impact" and Slides	1963-1965
34 (1 of 2)	6	Airline Baggage, Clippings on Requirements	1987-1988
34 (1 of 2)	7	American Safety Brochure, Life Rafts/Life Vests	1987
34 (1 of 2)	8	Boeing 747, Removal of Exit Doors	1985
34 (1 of 2)	9	Braunstein & Piazza (FAA) "Preparation for Evacuation Tests of a Crashed - L1649"	1965
34 (1 of 2)	10	Brinkley, J. (USAF) "Acceleration Exposure Limits for Escape System Advanced Development"	1985
34 (1 of 2)	11	Discover In-Flight Transport Evacuation	1988
34 (1 of 2)	12	Rothe, V. E. "Factors Which Influence Emergency Evacuation"	1965
34 (1 of 2)	13	NASA Langley, GA Explosive Emergency Exit	1986
34 (1 of 2)	14	Dougherty, J. E. "FAA Airframe Egress Standards and Demonstration Practices for Air Carrier Aircraft"	1967
34 (1 of 2)	15	Armstrong, T. J. & Snyder, R. G "Human Factors Aspects of Emergency Egress From a Business Jet"	1981
34 (1 of 2)	16	SAE S-9 Air, Carry-on Safety/Emergency Evacuation	undated
34 (1 of 2)	17	FAA Pax Safety Office	1986
34 (1 of 2)	18	FAA "Task Force Report on Emergency Evacuation of Transport Airplanes"	1986
34 (1 of 2)	19	Sliepcevich, C. M. et. al "Escape Worthiness of Vehicles for Occupancy Survivals and Crashes First Part"	1972
34 (1 of 2)	19A	Escape Worthiness of Vehicles and Occupant Survival -Part one: Research Program	1970
34 (1 of 2)	20	Snow, C. C. & Carroll, J. J. & Allgood, M. A. "Survival in Emergency Escape from Passenger Aircraft"	1970
34 (1 of 2)	21	Switlik Parachute Co. PFD, Life rafts catalogs	1977
34 (1 of 2)	22	Uzzell, S. "Successful Evacuations Following Survivable Accidents"	1976
34 (1 of 2)	23	William, H. S "Report of Task Force to Evaluate Telescope Installation on FAA YC-131 Aircraft"	1962
34 (1 of 2)	24	WPAFB Emergency Escape, List of Conference Attendees	1982
34 (1 of 2)	25	AAF (Confidential), Ejection Seat Tests (With German Data)	undated
34 (2 of 2)	1	AAF (MVROC), P-28 Pilot Ejection Tests	1953
34 (2 of 2)	2	AF "Acceleration-Time Diagrams for Catapult Ejection Seats"	1947
34 (2 of 2)	3	AF (1949-1954), "Operational Experience with Ejection Escape Systems"	1955
34 (2 of 2)	4	Air Force (Eglin/Holloman), "Ejection Seat Test for Females"	undated
34 (2 of 2)	5	Aeroplane, "Developing the Martin-Baker Ejection Seat"	1956

34 (2 of 2)	6	Aerotherm/Koji, Airline Seat	1968
34 (2 of 2)	7	American Safety Aviation Slides	undated
34 (2 of 2)	8	American Safety Aviation Life Vests	undated
34 (2 of 2)	9	Anthrop. Data (Agard), Helicopter Escape Systems	1973
34 (2 of 2)	10	Aquino, C. "A Dynamic Model of the Lumbar Spine to Aid in the Study of Injury Due to Automobile Seat Belt Restraint"	1969
34 (2 of 2)	11	Auffret, R. & Delahaye, R. P. "Spinal Injury After Ejection"	1975
34 (2 of 2)	11A	Auffret, R. & Delahaye, R. P. "Spinal Injury After Ejection"	1974
34 (2 of 2)	12	Auffret, R. (French) Ejection Accelerations	1971
34 (2 of 2)	13	Aurell, S. (RAE) SAAB Ejection Seat Tests	1951
34 (2 of 2)	14	Automotive Engineering, Pilot Ejection Survival Odds	1982
34 (2 of 2)	15	Aviation Age, Torso Harness/Supersonic Ejection	1957
34 (2 of 2)	16	Aviation Week/Photos, Convair Supersonic Ejection Seat Tests	1961
34 (2 of 2)	17	B-747 Freighter, Pax/Crew Evacuation System	1967
34 (2 of 2)	18	Balfour, A. (RAF) "An Unsuccessful Ejection"	1980
34 (2 of 2)	19	Band, E. G. U. "Calculation of Rocket Powered Trajectories of a "Plane of Symmetry" Model of a Human Subject And Ejection Seat"	1971
34 (2 of 2)	20	Band, E. G. U. "The Dynamics of an Ejection Seat Catapult with a "Live Load""	1971
34 (2 of 2)	21	Barwood, A. J. "The Maintenance of Correct Ejection Posture"	1963
34 (2 of 2)	21A	"Abstracts of Paper from Scientific Program of 1962 Meeting of Aerospace Medical Association", Atlantic City, April 9-12	1962
34 (2 of 2)	22	Bierman, E. "Trauma Following Ejection from Jet Aircraft"	1959
34 (2 of 2)	23	Bishop, W. & Schumacher, E & Bloetscher, F. "A Space Flight Escape System"	undated
34 (2 of 2)	24	Bloetscher, F. Goodyear, "Defense Documentation Center for Scientific and Technical information"	1956
34 (2 of 2)	25	Boeing 747 SFC, Emergency Egress/Toilets Shoes	1976
34 (2 of 2)	26	Bondurant, S. (USAF) "Optimal Elastic Characteristics of Ejection Seat Cushions for Safety and Comfort"	1958
34 (2 of 2)	27	Brinkley, J. W. & Payne, R. P. "A Study of Aerodynamic Forces as a Cause of Injury During Emergency Escape"	1973
34 (2 of 2)	28	Brinkley, J. W. & Shaffer "Design Escape System" (Empty Folder)	undated
34 (2 of 2)	29	Brinkley, J. W. (USAF) "Personnel Protection Concepts for Advanced Escape System Design"	1984
34 (2 of 2)	30	Champion, P. (Flight) Mid-air Evacuation Passenger Seat	1976
34 (2 of 2)	31	Christy, R. L. "A Survey of Present Techniques for Emergency Escape From Aircraft"	1952
34 (2 of 2)	32	Chubb, R. M. "The Pathology of Ejection Failure"	1963
34 (2 of 2)	33	Chunn, S. P. & Shannon, R. H. "USAF Rocket Ejection Experience"	1964
34 (2 of 2)	34	Cohan, C. J. "Investigation of Separable Re-Entry Escape System Concepts and Separation Techniques"	undated
34 (2 of 2)	35	Collins, T. A. "Five-year Injury Experience in Escape from USAF Ejection Seat Equipped Aircraft"	1968

34 (2 of 2)	36	Combs, S. P. "Mechanism of Extremity Injuries Occurring During Ejection from F-4 Aircraft"	1980
34 (2 of 2)	37	Convair B-58 Rocket Catapult Ejection Seat	undated
34 (2 of 2)	38	Convair, Supersonic Escape System/Seat Specifications	undated
34 (2 of 2)	39	Cook Research Labs "Program for Study of the Physiological Effect of Emergency Escapes at Transonic"	1954
34 (2 of 2)	40	Coughlin, W. J. "Force of 10 Hurricanes buffet Ejected Pilot"	1955
34 (2 of 2)	41	Coussau, F. "Impact Injury Caused by Linear Acceleration: Mechanisms, Prevention and Cost"	1982
34 (2 of 2)	42	Davies, J. "Back Fractures during Ejection From USAF Aircraft"	1957
34 (2 of 2)	43	Delahaye, R. "French Pilot Ejections"	1971
34 (2 of 2)	44	Douglas Minipac Ejection Seat	1971
34 (2 of 2)	45	Douglas Minipac Helicopters & Light Aircraft Ejection	undated
34 (2 of 2)	46	Emergency Escape Conference Attendance List	1952
34 (2 of 2)	47	Erikson, M. "Aging in the Lumbar Spine"	1978
34 (2 of 2)	48	Ewing, C. L. "Non-Fatal Ejection Vertebral Fracture and its Prevention"	undated
34 (2 of 2)	48A	Ewing, C. L. "Non-Fatal Ejection Vertebral Fracture and its Prevention" (Copy)	undated
34 (2 of 2)	49	Ewing, C. & King, A. I. & Prasad, P & Vulcan, A. P. "A Method for Increasing the Threshold Level for Vertebral Fracture Due to +Gz Impact Acceleration"	1971
34 (2 of 2)	50	Ewing, C. & King, A. I. "Structural Considerations of the Human Vertebral Column under +Gz Impact Acceleration"	1973
34 (2 of 2)	50A	Ewing, C. & King, A. I. "Structural Considerations of the Human Vertebral Column under +Gz Impact Acceleration" (Copy)	1973
34 (2 of 2)	51	Ewing, C. L. & Thomas, D. J. "Bioengineering Aspects of Spinal Injury in the OV-1 (MOHAWK) Aircraft"	1973
34 (2 of 2)	52	Fabre, J. (French), 100 Ejection Injuries	undated
34 (2 of 2)	53	Ejection Seat Data, WWII (RAF, Germ, Swed)	undated
34 (2 of 2)	54	Fabre, J. (French), Vertebral Injury in Aviation	1962
34 (2 of 2)	55	Farfan, H. & Gracovetsky, S. "Cervical Spine Analysis for Ejection Injury Prediction"	1982
34 (2 of 2)	56	Fighter Bailout Injuries	undated
34 (2 of 2)	57	Fitzerald, J. G. "An Experimental System of Pre-Ejection Body Restraint"	1962
34 (2 of 2)	58	Flight, "Martin-Baker Ejection Seats, MKS 2, 3 and 4	1954
34 (2 of 2)	59	Frenier, C. E. Strength Tests: Harnesses Ejection Seat	undated
34 (2 of 2)	60	Garner, J. D. & Blethrow, J. G. & Busby, D. E. "Emergency Escape of Handicapped Air Travelers"	1976
34 (2 of 2)	61	German AF/USAF Trans, Catapult Seat Ejections	1952
34 (2 of 2)	62	Gero, D. R. "Program Analysis of a General Purpose Ejectable Aircraft Seat Capsule"	1952
34 (2 of 2)	63	Gilad, I & Nissan, M. "Relations Between Anthropometrical Measurements of the Human Vertebrae"	1984
34 (2 of 2)	64	Golden, F. St. C. "Spinal Injury Resulting From Ejection From Royal Naval Aircraft"	1960-1968
34 (2 of 2)	65	Goodrich, J. W. "Escape from High Performance Aircraft"	1956

34 (2 of 2)	66	Head & Spine Trauma, Symposia Abstracts	1983
34 (2 of 2)	67	Hearon, B. F & Brinkley, J. W. & Raddin, J. H. "Vertical Impact Evaluation of the F/FB-111 Crew Restraint Configuration, Headrest Position, and Upper Extremity Bracing Technique"	1983
34 (2 of 2)	68	Hegenwald, J. F. "The Role of the Experimental Track in Emergency Egress System Development"	1956
34 (2 of 2)	69	Hegenward, J. F. & Blockley, W. V. "A Case Study to Correlate Analytical, Experimental, and Medical Data by Reconstruction of an Incident"	1956
34 (2 of 2)	70	Hegenwald, J. et. al. "B-70 Capsule Tests"	1966
34 (2 of 2)	71	Helleur, C. & Gracovetsky, S. & Farfan, H. "Tolerance of the Human Cervical Spine to High Acceleration: A Modeling Approach"	1984
34 (2 of 2)	72	Hendler, E. "Description of the Hg-1 Catapult"	1952
34 (2 of 2)	73	Henzel, J. H. & Clarke, N. P. & Mohr, G. C. & Weis, E. B. "Compression Fractures of Thoracic Vertebrae Apparently Resulting from Experimental Impact, A Case Report"	1965
34 (2 of 2)	73A	Henzel, J. H. & Clarke, N. P. & Mohr, G. C. & Weis, E. B. "Compression Fractures of Thoracic Vertebrae Apparently Resulting from Experimental Impact, A Case Report" (Copy)	1965
34 (2 of 2)	73B	Henzel, J. H. & Clarke, N. P. & Mohr, G. C. & Weis, E. B. "Compression Fractures of Thoracic Vertebrae Apparently Resulting from Experimental Impact, A Case Report"	1965
34 (2 of 2)	74	Henzel, J. et. al. Compression fx in Impact (Empty Folder)	
34 (2 of 2)	75-77	Henzel, J. H. "The Human Spinal Column and Upward Ejection Acceleration: An Appraisal of Biodynamic Implications"	1967