

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

Drawer 35      Aircraft Ejection Emergency Evacuation  
                  ELSIE Explosive Exit tests / ejection systems

<b>Drawer</b>	<b>File</b>	<b>Title</b>	<b>Dates</b>
35 (1 of 2)	1	Air Force F – 1 <sup>st</sup> to ACES II. Crew Escape/Ejection Seat.	1984
35 (1 of 2)	2	Hess, J. (Douglas). Rapidly Applied Upward Acceleration	1956
35 (1 of 2)	3	Higgins, L. et al. Vertebral Injury in Ejection.	1965
35 (1 of 2)	4	Hirsch, C. Spinal Injuries in Ejection.	1961
35 (1 of 2)	5	Holdsworth, F. (UK). Fracture, Dislocations of Spine.	1963
35 (1 of 2)	6	Howard, J. R. F86 Ejection Seat in Free Flight.	1949
35 (1 of 2)	7	Hughes, C. D. Convair Supersonic Escape System ZM8-156.	1956
35 (1 of 2)	8	Kaplan, B. H. "Evaluation of The Grumman MK-J5D Ejection Seat in Respect to Spinal Alignment"	1972
35 (1 of 2)	9	Kazarian, L. (ASME). Classification of Ejection Injuries.	1981
35 (1 of 2)	10	Kazarian, L. F-111 Escape Injury Mechanism.	1977
35 (1 of 2)	11	Kennedy, J. V. Partial Pressure Suit in High Altitude Escape.	1952
35 (1 of 2)	12	King, A. I. and Levine, R. S. "Human Cadaveric Response to Simulated Helicopter Crashes"	1982
35 (1 of 2)	13	Knacke, T. B-70 Seat Capsule and Final Recovery Parachute.	1962
35 (1 of 2)	14	Koochembere, C. Human Factors in Escape-Ejection Acceleration.	1952
35 (1 of 2)	15	Kraus, J. Aircraft Ejection Seat Tests/T-53, F-101, F-105.	1963
35 (1 of 2)	16	Kraus, J. F. "Incidence of Traumatic Spinal Cord Lesions"	1974
35 (1 of 2)	17	Kroeger, W. J. Internal Vibrations in Personnel Emergency Escape Catapults.	1946
35 (1 of 2)	18	Latham, F. (FPRC). Seat Ejection: Body Ballistics.	1957
35 (1 of 2)	19	Levy, H. Instrumentation of Pilot's Ejection Seat.	1952
35 (1 of 2)	20	Liebel, D. (Convair). Ejection Seat Not Obsolete.	1960
35 (1 of 2)	21	Lindquist, K. SAAB-18 Ejector Seats.	undated
35 (1 of 2)	22	Long, M. Ejection Seat Tests. (XM8, 9, 10E1, and 19).	1963
35 (1 of 2)	23	Martin-Baker. Mark 10 Ejection Seat.	undated
35 (1 of 2)	23A	Martin, J. Research and Development. Martin-Baker Ejection Seats.	1946
35 (1 of 2)	23B	Martin-Baker. Ejection Seats – 4199 Lives Saved.	1977
35 (1 of 2)	24	Mason, J. K. Pathology in Fetal Ejection.	1952

35 (1 of 2)	25	McDonnell Douglas. Escapacie: Advanced Stabilized Ejection Seat.	1971
35 (1 of 2)	26	McDonnell Douglas. ACES II Ejection Seat.	1977
35 (1 of 2)	27	McLaughlin, G. Ingenious Aircraft Escape Techniques.	1957
35 (1 of 2)	28	Mohrlock, H. F. Development of Rescu*Mark I.	1957
35 (1 of 2)	29	Morelock, H. (Convair). Ejection Harness/Seat Tests.	1953
35 (1 of 2)	30	Moseley, H. G. 757 Air Force Ejection Experience.	1957
35 (1 of 2)	31	North American. B-45A Ejection Seat (Confidential).	1948
35 (1 of 2)	32	North American. F-86E Ejection Seat Test.	1950
35 (1 of 2)	33	North American Aviation. High Speed Track Tests of Ejection Seat and Pilot's Equipment (F-100C).	1957
35 (1 of 2)	34	Palladium Corporation. Idaho. Fire Evacuation Chutes.	1978
35 (1 of 2)	35	Payne and Shaffer. Optimum Acceleration Time History for Escape System.	1971
35 (1 of 2)	36	Payne, P. R. Spinal Injury in Crashes.	1975
35 (1 of 2)	37	Pengelley, C. Supersonic Ejection Capsules.	1952
35 (1 of 2)	38	Pilot Ejection Seat Specifications.	1946
35 (1 of 2)	39	Poppen, J. R. Escape from High Performance Aircraft.	1957
35 (1 of 2)	40	Pribil, R. F. F-100 Track Tests of Ejection Seat/Pilot's Equipment (II).	1956
35 (1 of 2)	41	Puma, S. USAF Crew Escape System.	1977
35 (1 of 2)	42	Rice, E. (Navy Safety Center). Unsuccessful Navy Ejections.	1969
35 (1 of 2)	43	Ride, E. and Ninow, E. H. Man-Machine Interface: Navy Ejection Injury.	1972
35 (1 of 2)	44	Rotundo, G. (Italy). Spinal Injuries in Ejections.	1975
35 (1 of 2)	45	Rowe, K. et al. (Canada). Head and Neck Injuries. Canadian Ejections.	1984
35 (1 of 2)	46	Sachs, L. D. History: Catapult Development Program.	1952
35 (1 of 2)	47	SAE. ARP 495A. Passenger Evacuation Devices.	1977
35 (1 of 2)	48	Scherberg, M. G. and Ferguson, H. "Investigation of the Acceleration and Jolt Histories During Escape from High Speed Aircraft"	1952
35 (1 of 2)	49	Schrenk, O. and Irrgang, R. "Studies on the Catapult Seat"	1945
35 (1 of 2)	50	Seat Ejection Review and Bibliography.	undated
35 (1 of 2)	51	Shannon, R. et al. Air Force Escape/1950 through 1964	1964
35 (1 of 2)	52	Shannon, R. USAF 68-70 Ejections.	1971

35 (1 of 2)	53	Shannon, R. In-Flight Escape in SE Asia.	1974
35 (1 of 2)	54	SIIS-3AJ. Stencil Ejection Seat.	1977
35 (1 of 2)	55	Sineath, R. M. Aircrew Escape Reliability.	1977
35 (1 of 2)	56	Skogland, H. RCAF. T33 Ejection Seat Tests.	1958
35 (1 of 2)	57	Smelsey, S. Multiple Ejection Pilots.	1969
35 (1 of 2)	58	Spinal Cord Injury Bibliography.	1964-1965
35 (1 of 2)	59	Stapp, J. P. Proposed Tests for Aircraft Escape.	1953
35 (1 of 2)	60	Stapp, J. P. F100 Investigation. George Smith Supersonic Bailout.	1955
35 (1 of 2)	61	Stapp, J. P. (USAF). High Altitude Research.	1958
35 (1 of 2)	62	Stapp, J. P. and Neely, S. E. VSAF 1949-1960 Ejections.	1962
35 (1 of 2)	63	Stencil. Rocket Modular Seat.	1964
35 (1 of 2)	64	Stencil Aero. A4D Escape System.	1964
35 (1 of 2)	65	Stieglitz-Stapp Correspondence. RESCU Mark I/Republic.	1957
35 (1 of 2)	66	Strong, H. (WADC). Air Force Ejection Experience.	1952
35 (1 of 2)	67	Stubbs, R. (RCAF). IAM Seat Pans in Ejection.	1951
35 (2 of 2)	1	Survey Report. NINCDS. "The National Head and Spinal Cord Injury Survey"	1980
35 (2 of 2)	2	Sutton, G. P. "Selection of Engineering Training in the Field of Rockets, Jet Propulsion, and Astronautics"	1956
35 (2 of 2)	3	Symeonides, P. P. "Some Observations on the Compression Fractures of the Spine in Ejected Greek Pilots"	1971
35 (2 of 2)	4	USAF. (Human Subjects). Downward Seat Ejection Tests.	1948
35 (2 of 2)	5	USAAF. Pilot Ejection Design Data.	1946
35 (2 of 2)	6	USAF. Ejections – Safety.	1952
35 (2 of 2)	7	USAF. Supersonic Parachute Sled.	1955
35 (2 of 2)	8	USAF. Aircraft Escape System Limits.	1957
35 (2 of 2)	9	USAF. Seat Ejections.	1960
35 (2 of 2)	10	USAF. Ejection Experience.	1961-1962
35 (2 of 2)	11	Crest Ejection Seats. USAF Crew Escape Technology.	1983
35 (2 of 2)	12	USAF. Crest Crew Escape Technologies.	1984
35 (2 of 2)	13	USN (1949-1956). Ejection Seat Study.	1955
35 (2 of 2)	14	Vought Systems Division. "Mansafe I Operating Modes"	undated
35 (2 of 2)	15	Vulcan, A. P. et al. "Effects of Bending on the Vertebral Column During +G <sub>z</sub> Acceleration"	1970

35 (2 of 2)	16	Weber. ACES II. Escape Systems Advertisement.	undated
35 (2 of 2)	17	Weinstock, M. "Emergency Escape Systems for Army Helicopters"	1965
35 (2 of 2)	18	Whitney, M. C. "Crew Escape Concepts for Low Altitude Escape"	1964
35 (2 of 2)	19	Wilbur, C. E. "US Navy Operational Experience with Ejection Seat Escape"	1957
35 (2 of 2)	20	Wilkes, W. H. "Escape From Multiple Supersonic Aircraft"	1952
35 (2 of 2)	21	Wilson, C. L. "High Altitude Pressure Suit and Emergency Capsule Bibliography"	1961
35 (2 of 2)	22	Woodward, C. et al. "Investigation, Design and Development of an F70-3 Ejection Seat Energy-Absorption System for Reduction of Crash Force-Loads"	1957
35 (2 of 2)	23	Yang, K. H. et al. "Finite Element Model of a Functional Spinal Unit"	1984
35 (2 of 2)	24	Yost, C. A. and Oates, R. W. "Human Survival in Aircraft Emergencies"	1962
35 (2 of 2)	25	ELSIE.	undated
35 (2 of 2)	26	Clear Air Turbulence. IEEE Spectrum.	1966
35 (2 of 2)	27	Jaglowski, J. J. "Development and Test of the Explosive Exit Concept for Civil Transport Aircraft"	1971
35 (2 of 2)	28	Hall, D. S. "Systems Analysis of the Installation, Mounting, and Activation of Emergency Locator Transmitters in General Aviation Aircraft"	1980
35 (2 of 2)	29	Carden, H. D. "Evaluation of Emergency-Locator-Transmitter Performance in Real and Simulated Crash Tests"	1981
35 (2 of 2)	30	FAA."Operation Save-A- Life"	1974
35 (2 of 2)	31	AIA. Part 4 Evacuation.	1968
35 (2 of 2)	32	Air Force. Ejection Seat and O <sub>2</sub> Problems. (1951-1953)	1953
35 (2 of 2)	33	Alekseyev, Y. et al. "Contemporary Means For Emergency Abandonment of Aircraft (Selected Chapters)"	1964
35 (2 of 2)	34	Altman, H. B. and Frankel, R. S. "Aircraft Emergency Evacuation Systems: Pre-Adaptation and Visual Efficiency"	1968
35 (2 of 2)	35	Altman, H. B. "Emergency Aids in Adverse Visual Environments"	1969
35 (2 of 2)	36	Altman, H. B. et al. "Passenger emergency Evaluation Briefing Cards: Recommendations For Presentation Style"	1970
35 (2 of 2)	37	Aronne, A. J. and Murray, J. P. "Escape Low and Hot"	1983

35 (2 of 2)	38	Barthelme, S. A. "An FAA Analysis of Aircraft Emergency Evacuation Demonstrations"	1982
35 (2 of 2)	39	Beers, K. N. and Kazarian, L. E. "Rotational Lateral Wedge (RLW) Spinal Injury on Ejection From USAF F-4 Aircraft"	1979
35 (2 of 2)	40	Blethrow, J. G. et al. "Emergency Escape of Handicapped Air Travelers"	1977
35 (2 of 2)	41	Braunstein, M. L. and Piazza, M. H. Preparation for Evacuation Tests of a Crashed L1649"	1965
35 (2 of 2)	42	BRS ( <i>Aviation Consumer</i> ). Parachute to Lower Plane"	1987
35 (2 of 2)	43	Business Aviation. "Evacuating Your Passengers"	1977
35 (2 of 2)	44	Carroll, J. J. "A Review of US Air Carrier Accidents in Which Fatalities Resulted From Fire Following Impact, 1952-1961"	1962
35 (2 of 2)	45	Chesterfield, B. P. "Emergency Evacuation Test of the C-9A Aeromedical Aircraft"	1969
35 (2 of 2)	46	Conax Technology Capabilities (Electro/Explosive).	1986
35 (2 of 2)	47	Concorde Escape Slide/Rafts. Amendment A. V. K.	1973
35 (2 of 2)	48	Crash-Injury-Evacuation Report. Allegheny 440 Williamsport, PA.	1965
35 (2 of 2)	49-50	Dobbek, R. J. "Adaptive Operation of Escape Systems: A Look at Design Requirements"	1985
35 (2 of 2)	51	Dobbek, R. F. "The Separable Crew Compartment Capsule for Emergency Escape" 1974?	undated
35 (2 of 2)	52	Douglas Aircraft. ACES II Ejection Seat.	1986
35 (2 of 2)	53	Douglas Seats. Advanced Crew Ejection.	1983
35 (2 of 2)	54	Dougherty, J. E. "Status of FAA Developments Relative to Crashworthiness and Passenger Evacuation"	1967
35 (2 of 2)	55	Dougherty, J. E. "Status Report on FAA Task Force for Crashworthiness and Evacuation"	1966
35 (2 of 2)	56	FAA Crashworthiness. Emergency Evacuation Amendment. FAR 25.785c.	1966
35 (2 of 2)	57	FAA. (CAMI). SST Evacuation Tests.	1970
35 (2 of 2)	58	FAA Technology Conference. Emergency Evacuation Transport Aircraft.	1985
35 (2 of 2)	59	FAA Advisory Circular. (23.807). Escape Rate Small Aircraft-Exits.	1985
35 (2 of 2)	60	FAR 23.807. Emergency Exits.	1969
35 (2 of 2)	61	FAR Part 25:801-809. Emergency Evacuation/Exits/Ditch.	undated

35 (2 of 2)	62	FAR 23.807. Emergency Exits.	undated
35 (2 of 2)	63	FSF Newsletter. Escape Slide Illumination.	1969
35 (2 of 2)	64	Federal Regulation. FAA Amendment. Handicapped Air Transport.	1977
35 (2 of 2)	65	French Ejection Seat. Future Fighter/Highly Inclined.	1985
35 (2 of 2)	66	FXC Corporation. (Ejection Seats). Equipment Catalog.	1986
35 (2 of 2)	67	Garner, J. D. and Blethrow, J. G. "Emergency Evacuation Tests of a Crashed L-1649"	1966