

John J. Carroll Dep. Exhs.

10/28/81

DD2542(1-2)

Witness

BIOGRAPHICAL DATA

JOHN J. CARROLL

~~3400 Sherwood Court, Falls Church, VA 22042-~~  
~~(703) 560-3245~~

Box 18A Star Route, Mt. Jackson, VA 22842  
(703) 856-2679



- Aviation Safety Consultant (1980 -
- Assistant Director, Bureau of Accident Investigation, National Transportation Safety Board, (1978 - 1979).
- Executive Vice President & Managing Director, Flight Safety Foundation (1974 - 1978).
- Assistant to the Director, Bureau of Aviation Safety, National Transportation Safety Board (1974).
- Flight Operations and Safety Staff, Office of Supersonic Transport Development, FAA, (1966-1968).
- Air Safety Investigator, Chairman of the Human Factors Group, Civil Aeronautics Board, Bureau of Safety (1961-1966).
- Administrator, Crash Injury Investigators School, Flight Safety Foundation (1959 - 1961).
- Head of research, training, and investigation. Aviation Crash Injury Research of Cornell University (1957 - 1959).
- Commercial pilot over 25 years.
- Recipient of 1964 Civil Aeronautics Board Meritorious Service Award; and two Civil Aeronautics Board Meritorious Awards (1966).
- Served as advisor to Federal Aviation Agency's Task Force on Emergency Escape and Survival; advisory to Aerospace Industries Association Crashworthiness Research. (1966 - 1968).
- NTSB Representative to NASA/FAA research coordinating committee. (1968 - 1974).
- Member of Aerospace Medical Association; Society of Air Safety Investigators; International Order of Accidentologists; Aircraft Rescue and Firefighting Committee, National Fire Protection Assn; Aviation Space Writers Assn.
- Former member, Board of Governors, Flight Safety Foundation.
- Other Interests: Flying, skiing, hunting, photography, recreational land development, building

PUBLICATIONS (In the Field of Aviation Safety)

"Braniff DC-7C Accident, Miami, Florida, March 1958"  
Special Report for ALPA, November 1958

"Crash Injury Investigator's Manual," Cornell University - a textbook  
1958, '59, '60, and '61.

"Principles of Crash Injury Investigation," Ohio State University  
October 1959

"U.S. Army H-21C Shawnee Helicopter Accident, Big Meadows, Va.  
Dec. 2, 1959" February 1960 (co-author)

"U.S. Army HU-1A Bell 'Iroquois' Helicopter Accident, East St. Louis,  
Illinois, October 21, 1959"

"U.S. Army HU-1A De Havilland 'Otter' Accident, Fort Carson, Colorado,  
June 16, 1959" February 1960

"Crash Injury Investigators School Program of Instruction" March 1, 1960.

"U.S. Army L-21 (BLC) Accident, Starkville, Miss., April 27, 1960"  
August 1960

"U.S. Army YHC-1B 'Chinook' Mockup Evaluation" September 1960

"Crash Injury Evaluation - U.S. Army AC-1 De Havilland Caribou", October 1960  
(co-author)

"Simulated Drop Test - U.S. Army H-25 Piasecki Mule", Oct. 16, 1960

"Experimental Research - U.S. Army H-25 Helicopter Drop Test, Oct. 22, 1960"  
Dec. 30 1960 (co-author)

"U.S. Army HU-1A Bell 'Iroquois' Helicopter Accident, Fort Carson, Colo,  
June 9, 1960" December 1960

"Army Aviation Safety - Crash Injury, Crashworthiness" Dec. 30, 1960,  
Flight Safety Foundation (co-author)

"U.S. Army YHU-1D Bell 'Iroquois' Helicopter Mockup Evaluation, January 1961"  
February 1961

"Crash Injury Analysis", a textbook, January 1961

"U.S. Army National Guard H-23 Helicopter Accident, Phoenix, Arizona"  
July 1961

"Post Crash Survival Considerations - Aircraft Crash Fire Prevention, Fire  
Fighting, Rescue and Emergency Escape", Civil Aeronautics Board, September 1961  
(Classified)

"Handbook for Aircraft Accident Investigators," Flight Safety Foundation,  
April 1962

"It May Make the Difference," presented at the First Army Aviation Safety  
Seminar, Ft. Campbell, Ky. March 1962

"U.S. Air Carrier Accidents in Which Fatalities Resulted from Fire . . .  
1952 - 1961, " Civil Aeronautics Board, Bureau of Safety. June 1962

"Investigating the Human Factors in Aircraft Accidents," NFPA, June 1962

"Human Factors in Commercial Air Transportation," MATS Annual Safety Seminar, Oct. 1962

"New Investigative Techniques" NBAA Sept. 25, 1963, Houston, Texas

Numerous published C.A.B. Human Factors Group Investigation Reports of accidents involving large U.S. Air Carrier and Foreign Air Carrier accidents; Public aircraft, general aviation and helicopter accidents.

"Post Crash Survival Considerations" S.A.E. Journal, April 1964

"Jet Transport Cockpit Review," Civil Aeronautics Board, BOSP-8-5-1 October 1, 1964.

"Plane Crash Research Leads Way to Lower Life Loss," S.A.E. Journal, June 1965

"Investigation of a Recent Air Carrier Disaster Involving Inflight Violence" April 1966, Aerospace Medical Association, Las Vegas, Nev.

"SST Crash Emergency Escape Provisions - An SST Position" October 17, 1966  
FAA, Office of SST Development

"Concorde Status" (Classified Secret) November 17, 1966 (FAA)

"TUPOLEV TU-144 Status" (Classified Secret) December 1966 (FAA)

"Human Factors and the Supersonic Transport" - Co-author, Presented November 29, 1966 before the American Medical Association, Las Vegas, Nev.

"Inflight Violence", Jan. 11, 1967, Vol. 11, No. 1 The Flying Physician

"SST Training Program Considerations" S.A.E. Journal, presented April 26, 1967 before the National Aeronautic Meeting and Third International Simulation and Training Conference, New York, N. Y.

## HONORS

While serving with the Civil Aeronautics Board, the Federal Aviation Agency and the U. S. Department of Transportation, the writer received the following honors:

- CAB Honorary Award for Sustained Meritorious Performance and Devotion.  
to the Public Service - 1964
- Two CAB Honorary Awards - 1966
- Letter of Commendation for Outstanding Service - 1966
- Letter of Appreciation from General McKee - 1967
- Letters of Appreciation from General Maxwell - 1967

JOHN JOSEPH CARROLL, JR.

SCIENTIFIC AND PROFESSIONAL SOCIETIES

Aerospace Medical Association  
National Aeronautics Association  
National Aviation Education Association  
Aircraft Owners and Pilots Association  
Civil Air Patrol  
Space Science Board - National Research Council  
NATO - Advisory Group for Aeronautical Research and Development  
Society of Aerospace Engineers  
Committee on Aviation National Fire Protection Association  
Society of Air Safety Investigators

PUBLIC RELATIONS AND SPEAKING

Public speaking and lecture experience:

Cornell University	1957 thru 1960
University of Southern California	1958 thru 1961
Ohio State University	Sept. 1959
Directorate/Flight and Missile Research - USAF	Feb. 1961
National Institutes of Health	Mar. 1961
Flight Safety Foundation	Dec. 1961

U. S. Army Aviation Safety Symposium	Mar. 1962
International Fire Protection Association	May 1962
Armed Forces Institute of Pathology	May 1962
U. S. Army Medical Field Service School	June 1962
Military Air Transport Service	Oct. 1962

FAA Aeronautical Center	Okla. City	
National Business Aircraft Assn.	Houston, Tex. -	Sept. 1963
Flight Safety Foundation	Phoenix	Oct. 1963
Civil Aeronautics Board	Wash., D.C.	Oct. 1963
National Aircraft Accident Investigation School	Okla. City	1964-1965
Society of Automotive Engineers	N.Y. City	Apr. 1964
Society of Automotive Engineers	N.Y. City	June 1965
FAA Regional Flight Surgeons Conference	Wash., D.C.	Oct. 1965
Civil Aeromedical Institute	Okla. City	Apr. 1966
Aerospace Medical Association	Las Vegas, Nev.	Apr. 1966
National Academy of Science (OST) (Classified)	Wash., D.C.	Dec. 1966
FAA Aviation Medical Seminar	Wash., D.C.	Dec. 1966
Chairman, Panel on Human Factors in Advanced Transport Aircraft, Aerospace Medical Assn.,	Wash., D.C.	Apr. 1967
Society of Aerospace Engineers	N.Y. City	Apr. 1967
American Institute of Aeronautics & Astronautics	Daytona Beach, Fla.	May 1967
Southeastern University	Wash., D.C.	Sept. 1967
Civil Aviation Medical Assn. Symposium	Okla. City	Oct. 1967
Aviation Service Engineering Research	Phoenix, Ariz.	Nov. 1967
FAA Aviation Medical Examiners Seminar	Wash., D.C.	Dec. 1967

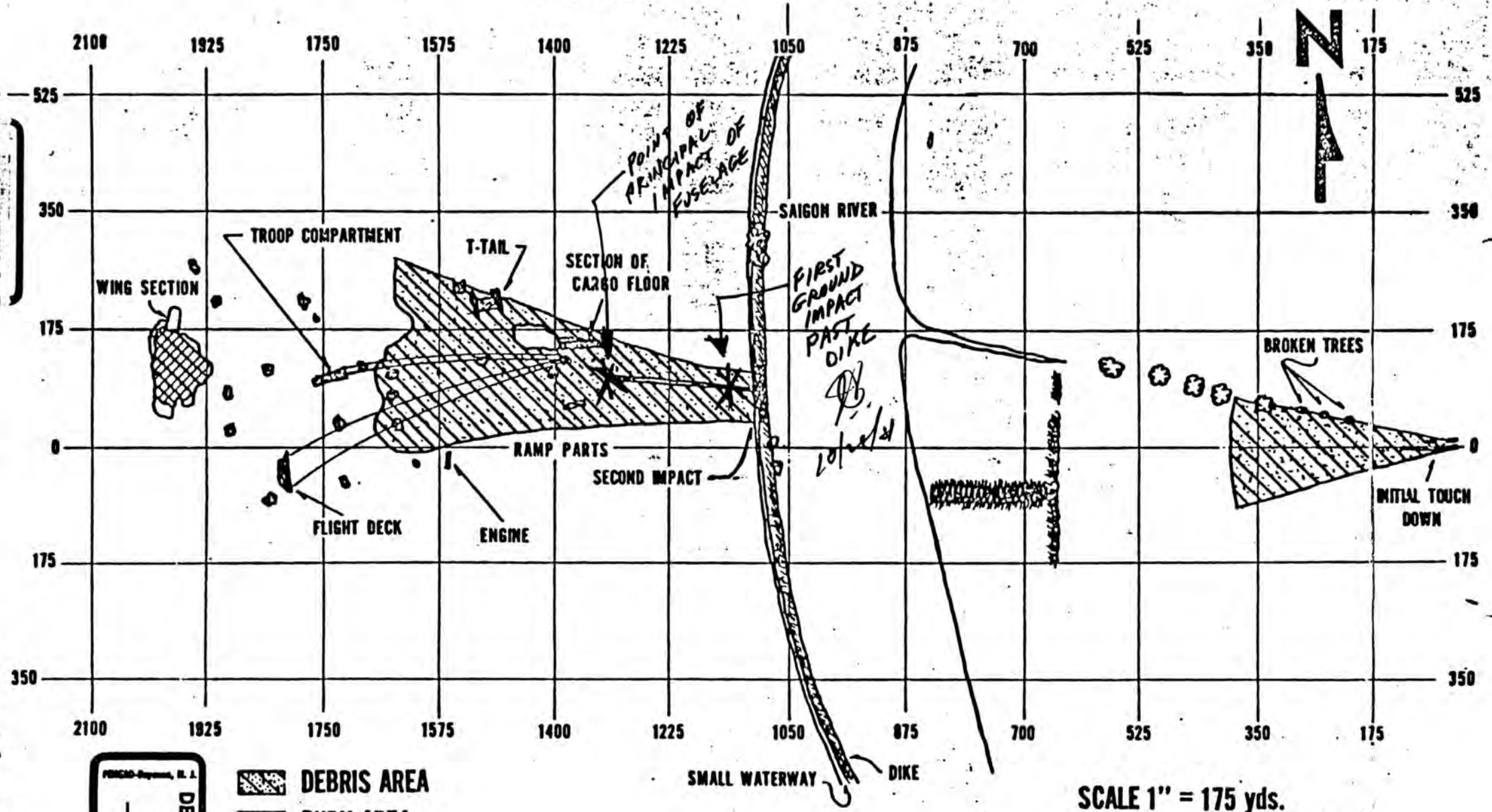
# WRECKAGE DIAGRAM

C-5A SN 68-218 4 APRIL 1975

PENGAD-Boyanac, H  
EXHIBIT  
D-9

593

McLennan - 2  
2/12/80



DEBRIS AREA  
BURN AREA

SCALE 1" = 175 yds.  
Distances Approximate

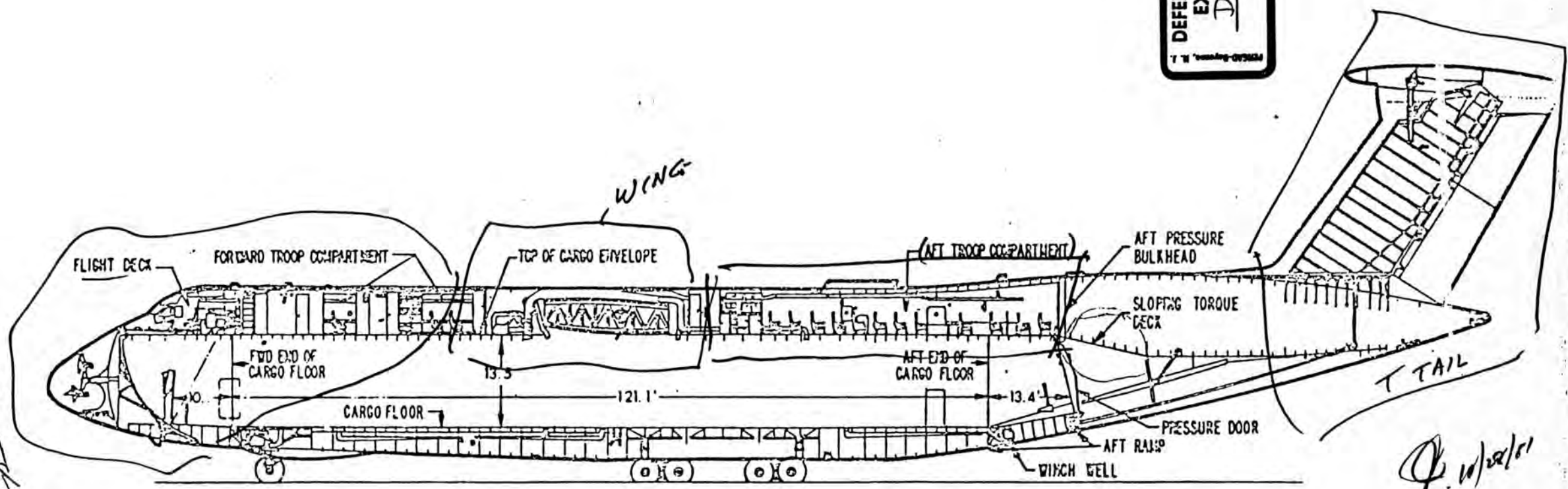
DEFT. EX. DD - D - 2542 - 1

DATE: 10/28/81

REPORTER: ALBERT J. CASDORF

PENGAD-Boyanac, H  
DEFENDANT'S  
EXHIBIT  
D-9

727  
C/11/75 Gng Dep



*Q. W/28/81*

DEFT. EX. DD-2541-2  
DATE: 10/28/81  
REPORTER: ALBERT J. GASDOR