



## THE STATE HISTORICAL SOCIETY OF MISSOURI RESEARCH CENTER-KANSAS CITY

K0586

Charles R. Kinslow (1940- ) Papers  
1957-2002  
11 cubic feet

*Kinslow was technical expert in aircraft systems and procedures, and former Flight Instructor for Trans World Airlines and Federal Express. Includes flight and maintenance training materials, transparencies, wiring diagrams; also collected materials concerning Braniff, and Air Canada.*

### BIOGRAPHY:

Charles R. Kinslow graduated from Western Kentucky University with majors in English and Biology. He served four years active duty as an Aircraft Maintenance Officer, USAF, and twenty-two years with the USAF Reserve. Kinslow was a Flight Training Instructor for Trans World Airlines 1968-1979, and a Flight Safety Training Instructor (1979-1986). In 1986, Kinslow became the Manager for Flight Training Administration and Scheduling for Federal Express. He soon became a Flight Instructor, a Flight Engineer Test Specialist, and from 1997-2004 served at the highest level of Flight Instructor Level IV.

### PROVENANCE:

This gift was received from Charles R. Kinslow as accession KA1990 on November 4, 2011.

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mention may be abbreviated to SHSMO-KC].

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## DESCRIPTION:

Trans World Airlines (TWA) and Federal Express (Fed Ex) flight and  
maintenance training materials, transparencies, wiring diagrams; also collected  
materials concerning Braniff, and Air Canada.

## INVENTORY:

**BOX 001***Various Flight and Maintenance Reference Material*

- Folder 1. Weather Radar Operating Techniques for Turbojet Aircraft
- Folder 2. Lesson Plan 5-1 Fundamentals of Airline Safety (1978)
- Folder 3. TWA Flight Operations: Flight Planning and Performance (1989)
- Folder 4. (TWA) Flight Simulating Evaluation (June 1969)
- Folder 5. The New, Now Look in TWA Training (September 1966)
- Folder 6. TWA and the Instructional Systems Approach (February 1965)
- Folder 7. TWA Travel College: Fundamentals of Airline Safety: Flight Attendant Basics (1984)
- Folder 8. TWA Operations: Fuel Management (1976)
- Folder 9. Aircraft Turbulence (July 1961)
- Folder 10. Approach & Runway Lighting and Marking (January 1979)
- Folder 11. (TWA) Aircraft Performance (October 1983)
- Folder 12. (TWA) Boeing 707: Pilot Home Study Guide (March 1978)
- Folder 13. Maintenance Handbook Boeing 727-231 (February 1968)
- Folder 14. In case of and Emergency ... Tenneco BAC – 111
- Folder 15. Flight Instructors Handbook (December 1971)

- Folder 16. Aircraft Maintenance Officer: Aircraft Systems (Apr. 1967)  
Chanute Technical Training Center (ATC)
- Folder 17. Student Workbook. Aircraft Maintenance Officer. Power Plants;  
Electricity; Slops and Systems; Management and Leadership.  
(September 1962)
- Folder 18. Aircraft Environmental Systems Repairman; Block IV: Heaters,  
Oxygen, and Fire Extinguishing (August 1967)
- Folder 19. Aircraft Maintenance Officer; Box 5: Aircraft Electrical &  
Instruments (October 1967)
- Folder 20. Testing Chanute Technical Training Center (ATC) (October 1965)
- Folder 21. Maintenance Instructions: Utility Systems; USAF Series F-4C, F-  
4D, & RF-4C Aircraft.
- Folder 22. Aircraft Maintenance Officer. Vol. 5: Hydraulic Units and  
Systems; Vol. 6: Laundry Gen Assemblies. (October 1957)
- Folder 23. Flight Test Guide
- Folder 24. Refresher Training for Corporate Aircraft Pilot, Charter Service  
Pilots, Experienced Private Pilots (January 1959)
- Folder 25. Exterior Preflight and Component Identification (Fed Ex)
- Folder 26. Flight Engineer: Turbojet (TWA)
- Folder 27. Fed Ex B-727-100-7 Takeoff – Landing Data (January 1991)
- Folder 28. B-727 Reference Cards
- Folder 29. Accumulators and their Applications (November 1966)
- Folder 30. Weight & Balance (November 1967); Basic Radio (Mar. 1968);  
Basic Flight Director (December 1967); Anti-Skid Systems  
(January 1967)
- Folder 31. Basic Hydraulics (November 1967); Basic Jet Power Plants (July  
1968)
- Folder 32. Basic Flight Controls (December 1967); Basic Pressurization and  
Air Conditioning (March 1963)
- Folder 33. Weather Radar
- Folder 34. Flight Operations Training: 1011 F/E Training Guide

**BOX 002***Handbooks and Training*

- Folder 1. The Emergency Procedures Handbook (1981-85)
- Folder 2. The Corporate Pilot Seminar (1973)
- Folder 3. New Air & Flight Engineer (1985)

- Folder 4. FedEx B -727 Jet Run-up Handbook
- Folder 5. FedEx Instructor Guide B -727
- Folder 6. Pilot/Engineer Course – Electrical (1971)
- Folder 7. TWA/Saudia Boeing 737 Handbook (1978)
- Folder 8. TWA/Saudia Boeing 737 Handbook
- Folder 9. TWA Boeing 727 Course (February 1967)
- Folder 10. TWA Boeing 727 Course (February 1967)
- Folder 11. The Lockheed Jetstar Flightbook (May 1969)
- Folder 12. Weather Technician Chanute Technical Training Center (May 1965)
- Folder 13. TWA “Mouse Trap” Guide to Programmed Presentations (Training) (April 1967) (1 of 2)
- Folder 14. TWA “Mouse Trap” Guide to Programmed Presentations (Training) (2 of 2)

**BOX 003***Manuals and Flight Systems Reference Materials*

- Folder 1. TWA 1011 Cockpit Training (July 1974)
- Folder 2. TWA 727 Hydraulics & Flight Controls (January 1973)
- Folder 3. 727-ATA-33 Lights (May 1986)
- Folder 4. FedEx 727-22c ATA 28 Fuel (January 1986)
- Folder 5. FedEx 727-100c ATA 28 Fuel (January 1986)
- Folder 6. FedEx 727-200F ATA-21 Air Conditioning (Apr. 1983)
- Folder 7. FedEx 727 ATA 52 Doors (October 1985)
- Folder 8. FedEx 727-100 ATA-34 Navigation (March 1986)
- Folder 9. FedEx 727-22c FD-109A Flight Director (September 1983)
- Folder 10. FedEx B727-100 ATA-23 Communications (July 1984)
- Folder 11. FedEx 727-100 ATA 27 Flight Controls (December 1985)
- Folder 12. FedEx 727 ATA 71-80 Power Plant (August 1990)
- Folder 13. FedEx B727-100/252A/233A/277 ATA 36 Fire Protection
- Folder 14. FedEx JT8B Turbofan Maintenance (August 1984)
- Folder 15. FedEx Reference Cards
- Folder 16. FedEx B-727 Second Officer (May 1996)
- Folder 17. FedEx 727 S/O Training Record (Jun. 2002)

- Folder 18. FedEx 727 Ground School Student Guide (January 2002)
- Folder 19. Second Officer FTD and AST Instructor Briefing Guide (January 2002)
- Folder 20. B-727 One Engine Inoperative Ferry Manual (June 1996)
- Folder 21. FedEx 727 Airplane Flight Manual (June 1972)
- Folder 22. FedEx Automatic Electronic Cabin Pressure Control (1976)
- Folder 23. FedEx 72 Flight Manual, Selected Chapters

**BOX 004***Manuals*

- Folder 1. FedEx 727 Operating Manual [Air Canada] (June 1981) (1 of 3)
- Folder 2. FedEx 727 Operating Manual [Air Canada] (June 1981) (2 of 3)
- Folder 3. FedEx 727 Operating Manual [Air Canada] (June 1981) (3 of 3)
- Folder 4. FedEx 727 Training Manual Air-conditioning and Flight Control (March 1978)
- Folder 5. FedEx 727-200F Maintenance Technical Training Manual (June 1983) (1 of 3)
- Folder 6. FedEx 727-200F Maintenance Technical Training Manual (June 1983) (2 of 3)
- Folder 7. FedEx 727-200F Maintenance Technical Training Manual (June 1983) (3 of 3)
- Folder 8. FedEx Boeing 727 Instructor Guide (January 2002) (1 of 2)
- Folder 9. FedEx Boeing 727 Instructor Guide (January 2002) (2 of 2)
- Folder 10. Flight Safety Cessna Pilot Training Manual (October 1984)
- Folder 11. Braniff Air B-727-227 Maintenance Training Manual (October 1972)
- Folder 12. Braniff 727 Operations Manual (Book 1) (January 1975)
- Folder 13. Braniff 727 Operations Manual (Book 2) (January 1975)
- Folder 14. Braniff 727 Operations Manual (Book 2?) (March 1976)
- Folder 15. PEC Flight Test Manual (Loose Sheets) (September 1933)

**BOX 005***Manuals and Transparencies*

- Folder 1. TWA/FedEx Flight Operations
- Folder 2. TWA 727 Operations Training Manual (Nov 1990) (1 of 2)
- Folder 3. TWA 727 Operations Training Manual (Nov 1990) (2 of 2)

- Folder 4. TWA Maintenance Training Manual (May 1963) (1 of 2)
- Folder 5. TWA Maintenance Training Manual (May 1963) (2 of 2)
- Folder 6. TWA Transparencies (1) (1 of 2)
- Folder 7. TWA Transparencies (1) (2 of 2)
- Folder 8. TWA Transparencies (2) (1 of 2)
- Folder 9. TWA Transparencies (2) (2 of 2)
- Folder 10. Boeing 727 Maintenance Manual (May 1963) (1 of 2)
- Folder 11. Boeing 727 Maintenance Manual (May 1963) (1 of 2)
- Item 1. Boeing 747 Flight Manual

**BOX 006***Transparencies/Home study course*

- Folder 1. Transparencies [Aircraft Construction?]
- Folder 2. Transparencies: Egress F4C
- Folder 3. Transparencies: F4C
- Folder 4. Transparencies: Egress B-52 G&H
- Folder 5. Transparencies: Aircraft Maintenance Officer (October 1962) (1 of 2)
- Folder 6. Transparencies: Aircraft Maintenance Officer (October 1962) (2 of 20)
- Folder 7. Transparencies [Pressure Systems?]
- Item 1. Boeing 727 Home Study Course (May 1962)
- Item 2. TWA Model 727-31 Training Plan

**BOX 007***Wiring Diagrams/Fed-Ex Flight operations manual*

- Item 1. Boeing 727 Wiring Diagram Manual
- Item 2. Boeing 727 Wiring Diagram Manual
- Item 3. FedEx Flight Operations Manual
- Item 4. FedEx Flight Operations Manual

**BOX 008***Operations manuals/flight charts*

- Item 1. FedEx Boeing 727 Operations Manual
- Item 2. B-727 Operations Manual
- Item 3. B-727 Operations Manual

Item 4. FedEx, Valsan, and Braniff Flight Charts

**BOX 009**

*Operations manuals/flight charts*

- Folder 1. Egress
- Folder 2. TWA Flight Operations Ground Training; Style and Police
- Folder 3. Heating, Air Conditioning, Pressure
- Folder 4. Oxygen, Ice Line, Fire Extinguisher, etc.
- Folder 5. Fuels
- Folder 6. Hydraulics
- Folder 7. Instrument Flying Handbook (FAA, 1966)
- Folder 8. Flight Training Handbook (FAA, 1965)
- Folder 9. Aviation Weather Services (FAA)
- Folder 10. Reciprocating Engines Training Manual (1967)
- Folder 11. Hydraulics and Pneumatics Study Guides
- Folder 12. L-1011 Mini Evacuation Demo
- Folder 13. Boeing Airliner, Jan – March 1981
- Folder 14. TWA ... and the Instructional Systems Approach
- Folder 15. Aerodynamics for Naval Aviators (US Navy, 1960, 1965)
- Folder 16. Instrument Flying (US Airforce, 1976)
- Folder 17. Instrument Flight Manual: the Instrument Rating, William K. Kershner, 1967
- Folder 18. Electrical Fundamentals (Direct Current) (US Army, 1951)
- Folder 19. Aviation Instructor's Handbook (FAA, 1977)
- Folder 20. Physiology of Flight (US Airforce, 1961)
- Folder 21. Instrumental Flight Training Manual (Peter Dogan, 1986)

**BOX 010**

*Operations manuals/training manuals*

- Folder 1. Aviation Weather (FAA, 1965)
- Folder 2. Emergency Escape of Handicapped Air travelers (FAA, 1977)
- Folder 3. Airline Transport Pilot (Airplane) Written Test Guide (FAA)
- Folder 4. Physiological, Biochemical & Performance Responses to a 24-Hour Crash Diet
- Folder 5. Aircraft Gas Turbine and its Operation (Pratt & Whitney)

- Folder 6. Introduction to Jet Engine Fundamentals (Pratt & Whitney)
- Folder 7. Aerodynamics (Air Command Training)
- Folder 8. B-727 Quick Reference Handbook (Fed Ex)
- Folder 9. Fuel Conservation (Fed Ex)
- Folder 10. B-727 Flight Test & Acceptance Manual (Fed Ex)
- Folder 11. B-727 FEC Flight Test Manual
- Folder 12. B-727 Flight Test & Acceptance Manual (Fed Ex)
- Folder 13. FCT 727 (FE) Flight Engineer Training Manual (Fed Ex) Book 1 (1 of 2)
- Folder 14. FCT 727 (FE) Flight Engineer Training Manual (Fed Ex) Book 1 (2 of 2)
- Folder 15. FCT 727 (FE) Flight Engineers Training Manual (Fed Ex) Book 2 (1 of 2)
- Folder 16. FCT 727 (FE) Flight Engineers Training Manual (Fed Ex) Book 2 (2 of 2)
- Folder 17. Flight Manual B-727 (Fed Ex) Book 1 (1 of 2)
- Folder 18. Flight Manual B-727 (Fed Ex) Book 1 (2 of 2)
- Folder 19. Flight Manual B-727 (Fed Ex) Book 2 (1 of 2)
- Folder 20. Flight Manual B-727 (Fed Ex) Book 2 (2 of 2)

**BOX 011***Operations manuals/training manuals*

- Folder 1. TWA Transportation Training Manual (707) (1 of 3)
- Folder 2. TWA Transportation Training Manual (707) (2 of 3)
- Folder 3. TWA Transportation Training Manual (707) (3 of 3)
- Folder 4. Guide for Programmed Presentations (TWA) (1 of 3)
- Folder 5. Guide for Programmed Presentations (TWA) (2 of 3)
- Folder 6. Guide for Programmed Presentations (TWA) (3 of 3)
- Folder 7. Service Training Graphic Aids (727) (1 of 3)
- Folder 8. Service Training Graphic Aids (727) (2 of 3)
- Folder 9. Service Training Graphic Aids (727) (3 of 3)
- Folder 10. Flight Instructor Manual (Jepperson Sanderson, 1985)
- Folder 11. Aviation Safety Foundation (AOPA) booklets
- Folder 12. Lockheed L-1011 Avionic Flight Control System



- Folder 13. 1011 F/E Training Guide (TWA)
- Folder 14. 1011 Pilot Instructor's Guide (TWA)
- Folder 15. Lockheed L-1011 APU Troubleshooting Guide (TWA, 1975)
- Folder 16. Safety cards & info
- Folder 17. Carousel Inertial Navigation Systems, pilots guide
- Folder 18. B-727-200 Takeoff and landing booklets
- Folder 19. Non-Destructive Inspection (NDI) Techniques
- Folder 20. B-727 Manual (CD) Fed Ex
- Folder 21. VHS Dave Sorrell APLC