

US AVIATION: BEHIND THE SCENES

Craig Wheel

LESSON 1 The Builders Part 1

- Samuel P. Langley
- Octave Chanute
- Alexander Graham Bell
- The Wrights and Curtiss – Curtiss-Wright Company
- Glenn Martin –Glenn L Martin Company
- William Boeing and George C. Wesstervelt – Pacific Aero Products/Boeing
- Donald Douglas – Douglas Aircraft
- Larry Bell – Bell Aircraft/Bell Helicopter
- James Kindelberger –North American Aviation

LESSON 2 The Builders Part 2

- James McDonnell –McDonnell Aircraft
- Allen & Malcolm Loughhead – Lockheed Aircraft Company/Lockheed Martin
- Leroy Grumman – Grumman/Northrop Grumman
- Clyde Cessna and Dwane Wallace–Travel Air/Cessna Aircraft
- Walter & Olive Beech -Travel Air/Beechcraft Aircraft
- Lloyd Stearman – Travel Air/ Stearman Aircraft
- William Piper – Piper Aircraft

LESSON 3 Captains of the Airlines Part 1

- Cyrus R. Smith – American Airlines
- Jack Frye – TAT & Western Express/ TWA
- William “Pat” Patterson – United
- Eddie Rickenbacker –Eastern Airlines

LESSON 4 Captains of the Airlines Part 2

- C. E. Woolman – Huff-Daland Dusters/Delta Air Service/Delta Airlines
- Robert Six – Continental
- George Baker – National Airlines
- Lewis “Bud” Maytag – National Airlines/ Frontier
- Juan Trippe – Pan American Airways

LESSON 5 The Military Part 1

- Army – Lt Frederick Humphries – USMA - AE MIT
 - Lt. Franklin Lahm
 - MG Benjamin Foulois
 - Gen Henry Hap Arnold
- Navy – Lt. Theodore Ellyson – Sub and Aviator
 - Marc Mitchner - Hornet
 - Cdr. Frank “Spig” Wead

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- Marines – Lt. Alfred Cunningham NA #5
 - Gen Roy Geiger – NA #49; MA #5

LESSON 6 The Military Part 2

- Coast Guards – LT. Elmer Stone NA#38 CG Academy
 - LCDR Frank E. Erickson – First Helicopter Pilot
- Air Force – Hap Arnold – First General of the Air Force
 - Carl Spaatz – First AF Chief of Staff
 - James Doolittle – Air racing/Doolittle Raid/Commander

LESSON 7 Women in the Air

- Blanche Scott – First American woman to fly. Taught by Glenn H. Curtiss
- Harriet Quimby – First American woman to be licensed by the FAI
- Louise Thaden – First winner of the Powder Puff Derby and the 1936 Bendix Trophy
- Amelia Earhart – Lost in an around the world flight, and first woman to solo the Atlantic.
- Nancy Love – Commander WAFS
- Jackie Cochran – Won Bendix Trophy 1938. WASP Commander
- Today's Women Aviation Leaders

LESSON 8 The Test Pilots

- Jack Ridley
- Charles “Chuck” Yeager
- Frank “Pete” Everest
- Bill Bridgeman
- Scott Crossfield

LESSON 9 The Planes Part 1

- Smithsonian's Boeing 247 story
- DC Series
- Pressurized
- The Jet Age

LESSON 10 The Planes Part 2

- First Wide Body Arrives
- Three Engine Wide Body
- Look Back at Historical Aircraft

LESSON 11 The Helicopters

- Sikorsky Aircraft (Lockheed Martin) – CH-53 UH-60
- Bell – First Presidential Helicopter, Osprey
- Kaman Aircraft – Huskie, Seasprite, and KMax,

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- Piasecki – Piasecki Aircraft Corporation – CH-21 (Boeing Vertol)
- Boeing Vertol – BV-107, BV-234, Osprey

LESSON 12 Odds & Ends Part 1

- Employee B-767 to Delta – Initiated by flight attendants
- Robert White
- Speed & Time to fly over Delaware
- Robert Hoover
- George Welch
- Ann Baumgartner
- Jacob Beser

LESSON 13 Odds & Ends Part 2

- Robert Johnson
- Fighter Pilots: Yesterday and Today.
- Presidential Aircraft and Call Signs
- President and Baseball Aviators
- Fun Landing Sites
- Leghorn Landing Pad
- Cobra & SOTAS Huey
- SR-71
- You Knew It Had to Happen

LESSON 14 AVIATION JEOPARDY

- A fun informative trip through American Aviation.