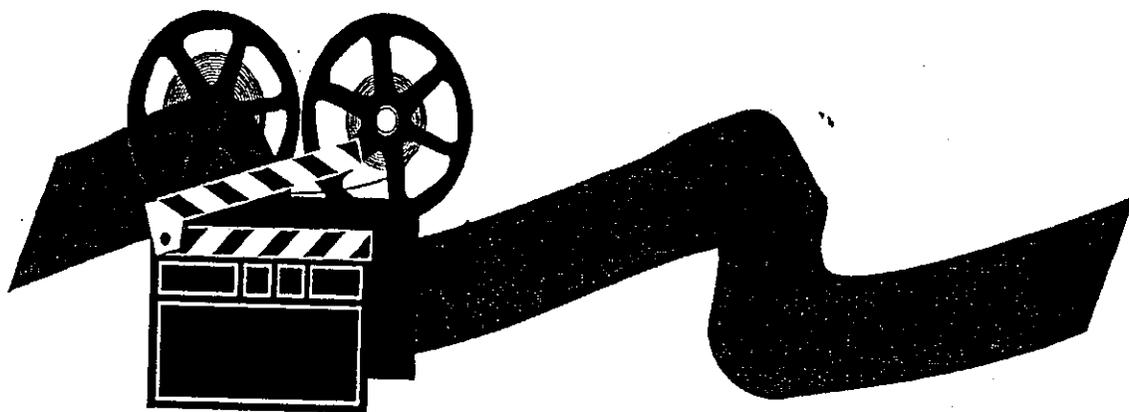


**CLEVELAND FLIGHT
STANDARDS DISTRICT
OFFICE**



**VIDEO
LOAN CATALOG**

How To Borrow a Video

Look through the video catalog and decide which video you would like to see. Call the Cleveland Flight Standards District Office at (440) 686-2001 and ask for the Safety Program Manager. Request the video of your choice and provide some information about yourself. The video can be mailed to you, or you may pick it up at the FSDO. Only one video may be borrowed at a time, this provides for maximum availability of videos.

You may also fill out the Video Loan Form and send it to the Cleveland FSDO. If your video is available it will be mailed out to you. If it is not in, it will be mailed to you when it is returned. In case of multiple orders for the same video it will be sent out on a first come / first serve basis. **No reservations for video's will be taken.**

How to Return A Video

When you receive a video it will be in a cardboard box. Use this box to return the video in the mail. You may return the video in person at the FSDO between the hours of 7:30am to 4:00pm, Monday through Friday. **The return postage will be your responsibility, no exceptions.**

ALL VIDEO LOANS WILL BE FOR 1 WEEK ONLY!!!!

Please return video's when they are due as others may be waiting for it. Continual tardiness on video return may cause you to be dropped from the video loan program. Return the video in good condition and rewind.

If You Have A Problem

Contact the Safety Program Manager at (440) 686-2023 for a replacement.

Please obey the copyright laws and do not duplicate any video.

A Strategy of Avoidance - 00:19:30

How to avoid takeoff and landing accidents due to thunderstorm encounters.

Accident Survival With Brigadier General Spruance - 1:16:00

A talk on flying safety and crash survival by Retired Air Force Brigadier General William W. Spruance who survived a near fatal aircraft accident in June, 1961. He gives clues on how to survive an aircraft accident.

Aero-Medical Factors - 0:30:00

A discussion of the overall aero medical factors which effect pilots in flight. Some of the topic's included on this tape are hypoxia, the visual system, disorientation, and alcohol/drugs.

AeroShell - Aviation Grease - 0:45:00

This video has been designed with the aircraft owner and mechanic in mind. It explains the fundamentals of how aviation grease coats and protects vital mechanisms and what steps you can take to improve performance and ensure proper maintenance of aircraft.

AeroShell - Aviation Oil - 0:45:00

This video explains the fundamentals of what oil does inside a piston engine and what steps you can take to increase the life and performance of your aircraft's engine.

Aircraft Icing - 0:31:30

Enables each pilot to understand cold weather general aviation operations, preflight preparation, meteorology, and how to cope with structural and induction system icing encounters in-flight.

Aircraft Modifications by Owners - 0:33:30

This video describes Aircraft Certification Standards and the hidden consequences of modifying your aircraft.

Aircraft Surface Movement - 0:25:15

What every pilot should know about airport marking, lighting, and signs. Also covers airport diagrams and radio communications/phraseology.

Airport Signs, Markings and Procedures: Your Guide to Avoiding Runway Incursions - 0:35:00

Produced in conjunction with the King Schools, this video is designed to be used with a pre-video quiz and discussion leader guide and will assist pilots in clearly recognizing and understanding airport signs and markings of today's US airports.

Airspace Reclassification - 0:14:30

How the airspace was reclassified from TCA's, Controlled Zones, and Positive Controlled Airspace to Class A, Class B and Class C, etc. This video is designed to familiarize the viewer with the airspace reclassification program.

ASOS/AWOS, Technology at work for you Today! - 0:12:42

How automated surface weather observing systems gather weather data and report it to pilots.

Avoiding the Inadvertent Spin - 00:26:00

A general review of the anatomy of a spin and how to avoid inadvertent entry

Basic Aviation Weather - 0:30:00

A general review of the principals of aviation weather.

Basic Fuel Management - 0:25:00

Management techniques for insuring there is enough fuel to make your next flight.

C.F.I.T. - Awareness and Prevention - 0:33:00

(Controlled Flight Into Terrain) This tape outlines the factors that increase your chances of having this type of accident and gives techniques to avoid CFIT.

Civil Aerospace Medical Institute Aviation Physiology - 0:45:00

This video produced by the FAA's CAMI covers an in-depth review of Aviation Physiology, including; Physics of the Atmosphere, Flying and Hypoxia, Cabin Pressurization, Spatial Disorientation, Motion Sickness and many more.

Cockpit Resource Management - 0:23:00

Outlines some of the resources available for the pilot in flight, and how you can effectively use them to help you have a safe flight.

Corrosion Control For Aircraft - 0:55:50

Describes how corrosion develops and what should be done to recognize corrosion. The tape details how to handle corrosion on an aircraft, and how to prevent it.

Evaluating In-Flight Weather - 0:29:00

Simplifies receiving and recording aviation weather broadcast in-flight, enables pilots to decide confidently, not guess, whether to continue on course, land short or divert.

Federal Aviation Regulations, Parts 1-91 -

Regulations for professional aviation maintenance technicians. This tape explores the history, format and purpose for FAR Parts 1, 11, 21, 39, 43, 65 and 91.

Fatigue Busters - 0:46:00

Fatigue is one of the most frequent complaints heard today. This video addresses the common causes of fatigue, and shows the results of exciting new fatigue research. It then explores the impact of these findings in almost every aspect of life - how it affects your job performance, your safety, your social and emotional interactions, and your family.

First Flights In Your Homebuilt Aircraft - 0:23:50

This video address many questions/concerns and provides answers about your first flight in your homebuilt aircraft.

First Responders: When Seconds Count - 0:23:00

This video addresses the actions appropriate for aircraft accidents that happen in reomet and rural areas. The intended audience is those who are typically the first to respond at the scene of the accident.

Flying Friendly -

As commercial property values around airports soars, and the requirement for residential property increases, aircraft noise issues place airport uses at odds with their airport neighbors. This video suggest ways for the flying public to become better neighbors to the general public. A must see video for all pilots flying out of an airport in a populated area.

Flying for Skydiving Operations - 0:34:00

This video is designed to raise the awareness of safety and operational practices needed for jump piloting.

Friendly Flight Paths - 0:29:00

Aviation noise hazards to our National Parks is a hotly debated topic in our nations capital. This video addresses how we can maintain our aviation access in and around our National Parks, while still maintaining good relations with the visitors of those parks.

Fuel Awareness - 0:26:00

This video explains the how, when, where and why of proper fueling, leaning techniques, fuel consumption calculations and proper planning and monitoring of fuel consumption.

Fuel Smarts - 0:11:30

This video looks at the most common problems with aviation fuel, and how to avoid them. It addresses water contamination, the fueling of piston aircraft with jet fuel, and the facts/fictions of using auto fuel.

FOD - Sweatin' the Small Stuff - 0:05:30

Explains what FOD is (Foreign Objects Disposal), what damage it can do and how to prevent it.

GPS: Tomorrow is Today - 0:39:23

This video explains how the Global Positioning System (GPS) works, the equipment a pilot needs to use the system and it's limitations. It also addresses how to fly a GPS instrument approach using various systems.

Human Performance in Maintenance - 0:27:55

This video discusses how the human factor can result in errors in aircraft maintenance. It details how stress and a lack of adequate rest can result in disaster. This film was produced by the Canadian Armed Forces but has a great message for all maintenance technicians.

Icing ... For Regional & Corporate Pilots - 36:30

This training video is intended for pilots of turboprop aircraft. It discusses ice protection systems, how ice accretes on the aircraft and symptoms thereof. The effects of ice on both the performance degradation and handling qualities, suggested recovery techniques from roll or pitch upset and finally, the hazards of Supercooled Large Droplets. (SLD) This video was written by aircraft icing experts from NASA, the FAA and ALPA. This video is recommended for all pilots who want to learn about icing.

ILS PRM Approach Procedures - 0:16:00

Land Survival... Are you Prepared - 0:44:37

This training video discusses the techniques employed when an accident occurs on the land: survival tips and techniques to prepare you for the unexpected.

License To Learn - Seaplane Safety - 0:16:00

This video, produced by the Ministry of Transport, Transport Canada, outlines safety issues facing Canadian seaplane pilots; however, the safety problems discussed in this video by veteran seaplane and bush pilots are topical to operations in the United States. This video used in conjunction with "Seaplane Safety - It's a Shared Responsibility" and "Seaplane Safety - What Every Passenger Needs To Know" will provide a unique perspective for the novice and experienced seaplane pilot.

Loss of Aircraft Control: Avoiding Aircraft Upsets! - 0:20:00

Made in conjunction with the EAA, IAC and NAFI, this video deals with the three most common upset scenarios: the botched turn, icing, and wake turbulence. It helps the pilot understand the dangers associated with each upset, recovery techniques for corrective action and suggested training exercises.

Maintenance: Personal Minimums Checklist - 0:16:00

This video describes and promotes the use of the Personal Minimums Checklist for Mechanics, and it's role in reducing human factor related accidents.

Making Your Own Rules ... Developing Your Personal Minimums Checklist for Real World Flying - 0:27:00

This video is intended to be used by a discussion leader (can also be used by an individual pilot) to stimulate the development of a Personal Minimums Checklist. It utilizes lifelike scenarios to demonstrate the need and provide the motivation for each person to become actively engaged in the development of his or her personal checklist.

Midair Collision Avoidance - 0:30:00

Learn how to avoid a midair collision by knowing the limitations of the human eye and understanding collision avoidance methods. Learn effective scanning techniques as you explore the factors and situations that lead to midair collisions.

Mountain Flying - 0:40:04

Filmed in the spectacular Rocky Mountains, the basic techniques of flying in and around mountains are explained and demonstrated. Recommended as an introduction for pilots who are flying in the mountains for the first time and for experienced mountain pilots as a review.

Non-Destructive Inspection for Corrosion Control Parts 1 & 2 - 0:43:31

Describes the different types of non-destructive testing and their uses in the aviation industry.

On Landings, Part 1 - 0:56:03

This is a tape of the FAA's slide series On Landings. This program addresses the factors involved with the landing phase of flight. This tape actually includes Parts 1A - 21:19, Part 1B - 14:00, and Part 1C - 20:44.

On Landings, Part 2 - 0:40:19

See description above. This tape includes Parts 2A - 20:05, and Part 2B - 20:14.

On Landings, Part 3 - 0:51:07

See above. This Tape includes Parts 3A - 21:00, Part 3B - 13:38, and Part 3C - 16:29.

Operations at Towered Airports - 0:26:22

This program stresses prevention of runway incursions by helping general aviation pilots become familiar with operations at towered airports. There is video from inside the tower cab as well as explanations of the operating positions. Pilots who view this video will be more informed and comfortable with flying into a controlled field.

Parts For Airworthy Aircraft - 0:21:00

This video explains what an approved and airworthy part is and what the approval process involves.

Pilot Decision Making - 0:10:04

This video covers the factors involved with making good flying decisions. Learn how to break the chain of bad decision making before it leads to an accident. It is worthy to note that at least 1/2 of ALL fatal aircraft accidents list poor decision making as the cause or at least a contributing factor.

Pilot Operations at Nontowered Airports - 0:35:00

Covers all aspects of flying at nontowered airports including CTAF radio procedures, FAA regulations on right-of-way and traffic patterns, midair collision avoidance procedures, traffic pattern hazards and airport courtesy.

Pressure Points: Aeromedical Helicopter Pilot Decision Making - 0:21:00

Covering four different human factor based scenarios common to those faced daily by the Aeromedical Helicopter Pilot community, this video addresses why the pressures associated with poor decision making.

Pressure Points: Decision Making in Commercial Flight Operations - 0:29:00

The five segments of the interactive video are designed to trigger discussion about commercial operating policy and procedures, as well as countermeasures to the pressures a commercial pilot experiences.

Preventive Maintenance - An FAA Viewpoint - 0:21:30

This video is designed to introduce to the pilot/owner some of the tasks that can be performed under Preventive Maintenance. It is a brief review of some tasks that are listed in Part 43 appendix A. It gives a brief demonstration of the task and lists the tools needed to accomplish the task. It is not a guide of how to do the task.

Propeller Repair - An Inside Look -

This video is a quick review of the history of the propeller driven aircraft. It is a brief summary of the procedures and processes for propeller repair, overhaul, and briefly describes the hows and whys of propeller dynamic balancing.

Runway Incursions, The Trouble Ahead - 0:10:00

This video discusses the need for increased vigilance on the part of all persons operating on an airport to avoid runway incursions. A runway incursion is any time an aircraft, vehicle, person or object is on a runway and creates a collision hazard for an aircraft operating on the runway.

Runway Safety Trigger Tapes - 0:26:00

Four typical and realistic runway safety incidents are depicted in this video, intended to be used as triggers with a live audience and discussion group leader.

Safe Flying...In Special Use and Other Airspace - 0:13:27

This video explains the different categories of Special Use Airspace, other airspace for special use and most importantly how pilots can safely operate in and around these areas. It will explain how pilots can do preflight planning, find the specific altitudes, times of use and communicate with controlling agencies.

Safety By The Numbers - 0:31:00

A vintage 1960's film transferred to video tape that addresses flying multi-engine airplanes safely and by the numbers. It may be a little old and somewhat corny, but the message still holds true.

Samurai Airmanship - 0:55:00

This is both an educational and very entertaining video of a talk by Rod Machado. Rod uses humor and stories to drive home the point that pilots need a well defined code of conduct, a "Bushido", that they always adhere to just like the Samurai. This is a great video and one each pilot should watch and learn from.

Scene Landing Zone Safety for Helicopters - 0:20:00

This video provides information on operational and safety practices for the safe handling of helicopters at scene landing zones. Intended primarily for first responder EMS, fire or law enforcement departments. This video will describe how to prepare for the safe arrival, handling, and departure of the EMS helicopter.

Seaplane Safety - What Every Passenger Needs To Know - 0:08:00

This video provides an overview for passengers in seaplanes and would make an excellent preflight passenger briefing for seaplane operators. Donning and the use of life jackets, location and use of fire extinguishers, location and use of survival gear, as well as docking and operations around docking facilities are covered. This video should be used in conjunction with the accompanying videos "Seaplane Safety - It's a Shared Responsibility", and "License to Learn."

Seaplane Safety - It's a Shared Responsibility... - 0:12:00

Narrated by renown float expert, J. J. Frey, this video, produced with the assistance of the Seaplane Pilots Association, provides information for both seaplane pilots and boaters who share the same water. Seaplane pilots are shown how to look out for boaters or operators of personal watercraft, and boaters are advised about the unique operating characteristics of aircraft on water. Nautical rules of the road are reviewed.

Shoulder Harnesses and Your Life - 0:19:20

Part of the FAA's Aviation Safety Program series, this video discusses the proper use of aircraft lap and shoulder harnesses and the role they play in aircraft accident survival.

Single Pilot IFR - 0:30:46

It addresses the ways a single pilot flying IFR can cope more effectively, while lowering stress and workload. Learn what cockpit resource management means to the general aviation pilot.

Skydiving and Parachute Operations - 0:20:11

This unique program is designed to help general aviation pilots and airport managers become more familiar with skydiving and parachute operations. This video has spectacular air-to-air coverage of skydivers in action, and documents the jump planes pattern in relationship to the standard traffic pattern.

Slay that Firebreather - 1:50:00

Engine familiarization for pilots of all experience levels. During this video you will see a complete Lycoming O-290 engine assembled. What better way is there to understand how an engine works than to see it being assembled!

Stall/Spin Classic Facts and Myths - 0:22:00

Places the viewer in the cockpit of a general aviation aircraft during spin entries while teaching recovery techniques.

Stalling for Safety - 0:18:00

This is an older FAA film dubbed to video. It addresses the dynamic's of a stall, how to recover from one and how to avoid them. It is in good viewable condition and the message is still the same - stalls can get any pilot regardless of hours, know about them and beware.

Storm Avoidance Equipment ... It's Your Choice - 0:24:00

This video discusses thunderstorm avoidance and a pilot / owner operators choice of either Radar or Lighting Detection Equipment. Both types of on board storm avoidance equipment is addressed. An explanation of the operation of each type is presented along with the limitations and use.

Suspected Unapproved Parts - What Can You Do? - 0:21:36

This video, as the title says, tells you what you can do to stop the use of unapproved parts in aircraft repair. Learn how to identify unapproved parts, and how to report their use.

Tailplane Icing - 0:23:00

The intent of this educational video is to provide information about ice contaminated horizontal stabilizers. It is intended primarily for pilots who may encounter in-flight icing. This video presents a physical description of the tailplane icing problem, symptoms of ice contamination, and suggested recovery procedures. This video was produced as a result of insights gained from the NASA/FAA Tailplane Icing Program, conducted at the NASA Lewis Research Center in Cleveland, OH.

The Day "All Hell" Broke Loose (July 11, 1989) - 0:20:00

The National Center for Atmospheric Research chronicles what happened on July 11, 1989 in Denver, CO. This tape discusses Microburst weather dynamics and Doppler Radar in detail. Airline flight crews discuss their interaction with the Microburst that were around Stapleton Airport.

The Flight Review - 0:38:33

Pilots will find this presentation of regulations and operations useful in review preparation, while flight instructors will discover ways of making the review more rewarding and meaningful.

The Human Factor - 1:15:00

This video is of an FAA Safety Seminar given by the DuPage, IL FSDO. The topic is noise and our ability as human beings to be distracted by it. Addresses is our concentration level when we are confronted with a noisy environment like an airplanes cockpit.

The Tire Approval Process - 0:44:22

Addresses the history of aircraft tires and their lifecycle. This video outlines the approval process for aircraft tires.

The True Story - Captain Al Haynes, UAL 232 - 1:00:00

We all know of the events that happened to United Airlines flight 232 in Sioux City, IA, and the incredible job of resource management done by the Captain Al Haynes on July 19, 1989. This is the rest of the story.

The Longest Runways - 0:09:38

The testing and development of aircraft tires by the Goodyear Tire and Rubber Corporation.

Tips on Mountain Flying - 0:23:00

A must see video for pilots planning trips and flying in the high country.

Tire Flight Plans, Tape #1 - 0:14:45

This video is part of a multi-part training series for Aviation Maintenance Technicians in preparing aircraft tires for maximum tire life and safety. During this video you will look inside at a cross section of Bias and Radial tires and see how they are constructed. The video explains how to read different types of tire side walls. A demonstration is conducted on how to properly mount tires as well as inflate both tubeless and tube type tires.

Tire Flight Plans, Tape #2 - 0:15:44

This video is part of a multi-part training series for Aviation Maintenance Technicians in preparing aircraft tires for maximum tire life and safety. Video # 2 covers in service tire inspections, including checking and adjusting tire pressure. How to check for wear and tire damage. A demonstration is conducted on how to properly dismount aircraft tires.

Total Company Resource Management Composite - 1:23:00

This is a compilation of 5 different video segments produced by the Alaskan Region. Each video show employees of an aviation business facing everyday work and the challenges this brings. The video segments are designed to start a discussion of what happened and an analysis of how it can be prevented from happening to the viewers. These tapes were originally made to be used by air carriers, but these same situation also happen to every general aviation pilot in some form or another. (Note: Best viewed with a group of pilots)

Trigger Tape # 1 - 0:35:11

(Discussion Leader's Guide)

This video contains 6 different short segments on different problems that arise during flying. Each is an open ended situation, designed to "trigger" a discussion, or analysis of what happened and why it happened. As a pilot you have been, or will be, faced with each of these problems. How you handle them will decide your outcome. Wouldn't it be nice to have seen the problem before and know the safe way to go? (Note: Best viewed with a group of pilots)

Trigger Tape # 2 - 0:35:00

(Discussion Leader's Guide)

Just like Trigger Tape # 1, with new situations and problems. (Note: Best viewed with a group of pilots)

Ultralight Operations and Maintenance - 0:25:00

This video describes the rules in FAR Part 103 that constitutes an ultra-light vehicle and will walk you through a typical pre-flight of an ultra-light with special emphasis on preventative maintenance tips.

Wake Turbulence Avoidance - 0:25:00

A well produced tape about wake turbulence avoidance from both the pilots and air traffic controllers standpoint. This tape incorporates some good graphics and makes the understanding wake turbulence easier.

Water Survival: The Skills You Never Want To Use - 0:25:30

This training video is for pilots who fly over bodies of water. It explores ways to successfully "ditch" an aircraft; the importance of filing a flight plan; emergencies when flying alone vs. with a crew and passengers. Also featured is a list of items to include in a "ditch kit". This video examines the realities of being rescued and what it takes to be a survivor.

Weather Flight Planning and the Pilot, Go/No Go Weather Decisions, Evaluating In-Flight Weather - 1:54:00

This is actually 3 different tapes on one. This tape series is on the acquisition and evaluation of weather information, flight planning and weather related decision making. These tapes were made before METAR/TAF, but are still valuable in what they teach.

Wheels & Brakes Approval Process - Part #1 - 0:19:30

This video is a general overview of the wheel and brakes approval process. It outlines some of the testing that is required prior to approval for use on aircraft by the FAA.

Wheels & Brakes Approval Process - Part #2 - 0:53:30

A detailed description of the manufacturing process for aircraft wheels and brakes. It includes the required testing before approval.

Your Personal Flight - A 3 Part Training Series - 0:26:04

These training scenarios serve as discussion tools for safety in aviation as it relates to critical factors to consider before making the decision to fly. Like the Trigger Tapes they are best viewed with a group of pilots.

Video Loan Form

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