WAR FILMS



BULLETIN OF THE EXTENSION DIVISION, INDIANA UNIVERSITY

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War Information Center

This bulletin, War Films, is issued as one of the services of the War Information Center of Indiana under the direction of the following committees:

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WAR FILMS

Introduction

This War Films bulletin has been prepared to facilitate the effective utilization of films both by schools and adult discussion groups.

The films in this bulletin have been chosen to meet the needs of the program chairman or school official who is confronted with the need of arranging a program on a topic related to the war effort.

The films are classified under such arbitrary headings as conservation, nutrition, post-war planning, and pre-flight training. The person using the bulletin must realize that no film deals entirely with one subject to the exclusion of all others. There is overlapping in the content of the films; however, an attempt has been made to classify each film under the heading which receives the most emphasis. The index provides an alphabetical listing of all films.

Only a minimal number of films of a strictly instructional nature are included. The teacher who is interested in classroom films should use the September, 1941, Bulletin and Supplements which classify films according to subjects and grade levels. The films are recommended for junior high school, high school, college, and adult levels. Upon request the Bulletin will be sent free of charge.

Those films dealing with various phases of the war effort which had been added to the library on or before March first are listed herein. New films are continually being added. If the film you wish is not listed, write to the Bureau. It may have been added later.

The price listed after each film is the rental fee for one day's use of that film when used by itself by a borrower. The charge of 50¢ for certain films is a special service charge for those deposited by government agencies. If more than one government film is ordered for the same day's use, this charge is reduced to 25¢ for all those films after the first, to be sent in the same shipment. These government films may be kept for as long a period as the borrower can keep them busy, with no additional charges. Rental films owned by the Bureau may be obtained for one day's use for the charge listed. A reduced rate is made for additional days' use and for films obtained under an enrollment plan which provides 100 reel days of use for \$30. In all instances the borrower pays the transportation charges both ways.

In order to save expense and to obtain optimum use of the films various groups within the community should arrange to show the same program. For instance, the program may be shown to school groups in the morning, to a luncheon club at noon, and to a fraternal, social, or civic gathering in the evening. To effect such programming and scheduling a community director of visual activities should be appointed to act as a liaison among the various organizations, to coordinate their activities, and, whenever possible, arrange programs that are suitable for consecutive use by several organizations.

Over 80 per cent of the projectors in the state of Indiana are owned by schools, which in most instances are willing to share them

BULLETIN OF THE EXTENSION DIVISION

with clubs and organizations in the community. In many communities the organizations pay the rentals for the films and the school furnishes the projector and operator. With the steady stream of valuable motion pictures that are being released by the Office of War Information and other official agencies, every community should have functioning film programs throughout the year. School-owned equipment, trained student operators, and auditorium facilities should be used during the summer months by approved community organizations.

Following are some programs which have been successful:

On Latin America (a 66-minute program) Americans All

Our Neighbors Down the Road On Air Raid Precautions (35 min.) Goofer Trouble

Air Raid Warden

2

A New Fire Bomb On Education in Wartime (33 min.) Campus on the March

Negro Colleges in Wartime On Agriculture in Wartime (33 min.) Democracy in Action Henry Browne, Farmer Home on the Range

On Industry in Wartime (44 min.) The Arm Behind the Army Manpower Airscrew

On England and the War (44 min.) Listen to Britain Dover

Air Communiqué

Air Communique
Of General Interest (55 min.)
Target for Tonight
On the Home Front (37 min.)
Divide and Conquer
Price of Victory
Safeguarding Military Information

Contents

Page
Introduction
Air Raid Precautions and Fire Fighting 4
United States at War 5
Allied Countries at War 6
Women at War
War Savings 8
Conservation 9
Salvage
Production
Agriculture
First Aid and Nursing
Health
Nutrition
Physical Fitness
Housing
Consumer Education
Family Security
Child Care
Schools and Education
Science and the War20
Pre-Flight Training
Machine Shop Training24
Latin America
American Heritage31
Post-War Planning
Index 34

WAR FILMS

5

Air Raid Precautions and Fire Fighting	Shunter Black's Night Off. DS-68. 1 reel (sound)\$1.25
Ek Ack. DS-38. 1 reel (sound)	Actual experience of a wagon chaser in the shunting yard of an English railroad junction, when an incendiary raid sends him back to work on his night off. His heroism in extinguishing a blazing car full of explosives illustrates the need for dealing with incendiary bombs quickly.
r Raid Warden. DS-21. 1 reel (sound)	Spotting the Bomber. DS-44. 1 reel (sound)\$1.25 A graphic comparison of outstanding characteristics of both enemy and friendly planes by means of simplified drawings.
Air Raid Warden's Report. DS-145. 1 reel (sound)\$.50 Describes the place which the air raid warden occupies in the civilian defense set-up. Shows that the operation of the control center and the dispatch of fire, police, and medical units are dependent on his ability to get his report in quickly and his ability to report accurately.	The Work of the Rescue Unit. DS-131. 1½ reels (sound)
ght that Fire. DS-77. 1 reel (sound)\$1.25 The most effective methods of fighting fire and how to use the right fire-fighting weapons.	United States at War
ghting the Fire Bomb. DS-28. 1½ reels (sound)\$2.00 Damage by incendiary bombs, how they are constructed, and how to extinguish them.	Divide and Conquer. DS-128. 1 reel (sound)
How a "goofer"—a person who emerges from shelter during an air raid to judge the performance of fighter pilots—kept a Canadian pilot from downing a German plane over England. Ends with a plea to the audience to leave fighting to the army.	columnists. The film also points out that the fifth column is busy in America today—in subways, on streets, in restaurants—spreading the same seeds of distrust, confusion, and fear. Ending upon a note of faith, the film states emphatically that we Americans will not be frightened, will not be confused.
ndon Fire Raid. DS-40. 1 reel (sound)	Japanese Relocation. DS-86. 1 reel (sound)
Mr. Proudfoot, who takes London blackouts casually, points the way for enemy bombers to an aircraft factory a few miles away. The enemy pilot leaves a "calling card" to thank Mr. Proudfoot.	the movement to temporary quarters established in race tracks and fair grounds to the final migration to settlements in Arizona, Colorado, Utah, and Wyoming. Japs Bomb U.S.A. DS-58. 1 reel (sound)\$1.25
righbors Under Fire. DS-63. 1 reel (sound)	Newsreel pictures of the attack of Dec. 7, 1941, on Pearl Harbor. Closes with America's ringing answer to the enemy challenge. Know Your Enemy—Japan. DS-60. 1½ reels (sound)
New Fire Bomb. DS-140. 1 reel (sound)	sufficient in food? What is Japan's naval and military strength? What are the living standards of the Japanese people? What are Japan's vital weaknesses? How can Japan be defeated? A Letter From Bataan. DS-83. 11/4 reels (sound)
methods are shown for attacking bombs that have fallen in houses. The film demonstrates ways of applying water while taking advantage of the protection of brick walls. The film closes with a brief message from James M. Landis. A.F. Action. DS-61. 1 reel (sound)	In the jungles of Bataan to American soldiers, victims of night blindness, are hit by a Jap bomb. Pete is killed outright; as Johnny dies on the operating table, his last words are, "I've got to write a letter." Johnny's "letter" is a plea to the folks at home to see to it that other American
A newsreel compilation of high spots in R.A.F. action, the machines and the men from all over the world who fly them. First, a short historical survey. Next, types of bombers in current use. After showing various stages in training and reporting to Intelligence Officers, the film ends with actual combat shots in the Battle of Britain, and attacks on convoys.	MacArthur in the Philippines. DS-62. 1 reel (sound)\$1.25 Biographical film. MacArthur's days at West Point to his assumption of allied command in the Pacific. Shows Japanese bombing of Manila and the stand at
ady on the Home Front. DS-152. 2 reels (sound)\$.50	Bataan.
Produced by Bell Telephone in cooperation with the Office of Civilian Defense, this film shows the ways in which citizens can cooperate in defending their homes. Beginning with a map of Indiana and closing with a proclamation by Governor Schricker, the film shows such precautionary devices as black-out curtains, home fire-fighting equipment, location of a bomb shelter within the home, and cooperation with defense authorities.	Midway and Coral Sea Battles. DS-94. 1 reel (sound)\$1.25 Destruction rained on the Japanese fleet by daring U.S. Army and Navy flyers. Japanese bombers attack our fleet and are repelled. The saga of the aircraft carrier Lexington. MacArthur in Australia. Yank convoys arrive. Japanese bombers attack Darwin. U.S. bomber in thrilling crash landing.
yal Observer Corps. DS-66. 1 reel (sound)	Safeguarding Military Information. DS-85. 1 reel (sound)\$.50 Originally made by the Motion Picture Academy of Arts and Sciences as a training film for the U.S. Army. It stresses the importance of secrecy on the part of military personnel and workers engaged in defense activities, and shows the results of careless talk. Dramatic scenes of ship explosion, sabotage, and disastrous events resulting from thoughtless revelation of information to the
(4)	unsastrous events resulting from thoughtless reveigition of information to the

London Fire Raid. DS-40. 1 reel (sound) Photographed during the London fire raid of December ordination between workers in a central control room as

Neighbors Under Fire. DS-63. 1 reel (sound)

A New Fire Bomb. DS-140. 1 reel (sound) How to fight a new type of explosive fire bomb. Ward

R.A.F. Action. DS-61. 1 reel (sound)

Ready on the Home Front. DS-152. 2 reels (sound Produced by Bell Telephone in cooperation with the Office

out curtains, home fire-fighting equipment, location of a the home, and cooperation with defense authorities. Royal Observer Corps. DS-66. 1 reel (sound) The work of Britain's civilian corps for air defense-men their regular jobs to man spotter's posts. Routine of sporeporting aircraft to control centers.

Thunder Over the Orient. DS-69. 2 reels (sound)\$2.50 History of Japanese aggression from attacks on China in 1891 to the attack on Pearl Harbor. Emphasizes causes leading to present war.
U.S. News Review No. 1. DS-125. 2 reels (sound)
U. S. News Review No. 2. DS-149. 2 reels (sound)
U. S. News Review No. 3. DS-92. 2 reels (sound)
Washington in Wartime. DS-95. 1 reel (sound)\$1.25 Intimate meetings with men who are shaping America's destiny—President Roosevelt, Admiral King, General Marshall, W.P.B. Chairman Nelson, and many other world-famous personalities.
Allied Countries at War
The Atlantic. CS-20. 21/4 reels (sound)
Australia Marches with Britain. DS-46. 1½ reels (sound)\$2.00 Dedicated to maintaining a life-line to Britain, Australia forges ahead in the production of supplies and munitions for export; "Aussie" troops are shown training and embarking for the front lines.
Britain on Guard. DS-48. 1 reel (sound)\$1.25 Contrasts the peaceful life of England which had known no invasion for 1000 years with the England of today; shows how every citizen is adjusting himself to service of his country.
Byways of France. KS-3. 1 reel (sound)\$1.25 Pre-war peasant life in Brittany and Normandy, set in the peaceful tempo of the countryside.
Canadian Landscape. RS-29. 2 reels (sound-color)\$5.00 In this color sketch A. Y. Jackson, one of Canada's foremost modern painters, interprets the Canadian scene. The artist visits the brilliant autumn hills of Northern Ontario, explaining in his own words how he chooses a theme and builds a sketch. In spring he makes a trip to old Quebec to catch the April sun on the snow. Jackson's studio technique is shown and some of his finest canvasses are reproduced.
Citizen's Army. DS-50. 1 reel (sound)
Dover. DS-141. 1 reel (sound)

Folk Dances. HS-41. 1 reel (sound)
Great Lakes. IS-24. 2 reels (sound-color)\$5.00
Shows the immense amount of diversified cargoes flowing along the Great Lakes shipping routes between the United States and Canada, and outlines the great industries along the shore. Short sequences on steel production, pulp manufacture, shipbuilding, grain storage, and the workings of the great locks and canal systems.
Listen to Britain. DS-126. 2 reels (sound)
Middle East. DS-136. 1 reel (sound)\$1.25 This is a clear map-and-diagram film showing the middle eastern war zone— Libya, Egypt, Palestine, Iraq, Iran—and explaining how this area is a vital strategic wall between Germany and Japan.
Moscow—Heart of Soviet Russia. KS-45. 1 reel (sound)\$1.25 Scenes of the Kremlin, Red Square, and the Cathedral of St. Basil. Street scenes illustrating the life of the people. Russian children at school and at play.
Our Fighting Allies—the Czechs. DS-64. 1 reel (sound)\$1.25 Story of 15,000 Czechs in exile in Britain today and how they are aiding Britain, as lumbering and farm hands, in munitions factories, and as part of the United Nations forces.
People of Canada. CS-41. 2 reels (sound)\$2.50 The contributions of all the races which settled in Canada and how they laid the foundations for democracy through their cooperation and respect for other men's beliefs.
People of Western China. GS-30. 1 reel (sound)\$1.25 The influence of habits and customs of past centuries on present-day China. Methods of agriculture, irrigation, and the culture and use of bamboo are shown. Representative arts and crafts, methods of transportation, and engineering skills are depicted in their traditional settings.
Report from Moscow. DS-82. 1 reel (sound)\$1.25 Erskine Caldwell, American novelist and reporter, interviewed before leaving Moscow, briefly tells of the civilian defense work he witnessed. Scenes showing how the Russians are carrying out their pledge of "All for Victory!" including efforts in huge metallurgical plants, the oil industry, the rapid harvest, nurses drilling, and Red Cross work.
Russia Stops Hitler. DS-35. 1 reel (sound)\$1.25
Battle scenes in Russia during the winter 1941-42 with Russian troops, tank corps, and air forces hammering at the enemy in below-zero weather.
Scotland Speaks. DS-67. 2 reels (sound)\$2.50 Scotland's war effort: her farms contribute cattle; her pastures, now plowed, yield more oats and wheat; her industries of iron, coal, and lumber make up for reduced imports; her shipyards build more ships.
Target for Tonight. DS-96. 5 reels (sound)
The Thousand Days. DS-148. 2 reels (sound)

War and Order. DS-72. 1 reel (sound)\$1.25 Shows how efficiently the regular police force of Britain, supplemented by newly trained men, takes over additional duties of an emergency nature, such as fire fighting, decontamination, and first aid.
We Won't Forget. DS-74. 1½ reels (sound)\$2.00 A British film thanking the United States for help sent to relieve suffering among the civilian population, "We Won't Forget" gives a vivid picture of how that help functions after an air raid.
Western Front. DS-119. 2 reels (sound)\$.50 Opening scenes show the war in Europe and America's early production efforts to supply the allied nations with war materials. With the bombing of Pearl Harbor, the United States recognized anew the importance of China who had been holding freedom's western front for more than five years. Scenes and commentary review the development of modern China prior to the Japanese aggression.
Words for Battle. DS-76. 1 reel (sound)
World at War. DS-143. 4 reels (sound)
Women at War
Airwoman. DS-45. 1 reel (sound)
Home Front. DS-56. 1 reel (sound)
Jane Brown Changes Her Job. MS-26. 1 reel (sound)\$1.25 Jane Brown, a secretary, decides that she should be doing more vital war work. She goes to a training center where she is paid while she learns her new trade. She successfully completes the course, gets her job in an aircraft assembly plant, and becomes a producing member of Britain's industrial army.
They Also Serve. DS-37. 1 reel (sound)\$1.25 A day in the life of an average British housewife. How she helps in the war effort by keeping a home for a working daughter and husband and assisting with the housework of a neighbor who works.
Women Are Warriors. DS-156. 2 reels (sound)\$2.50 Summary of war tasks performed by the women of the United States.
Women at War. DS-75. 1 reel (sound)
Women in Defense. DS-32. 1 reel (sound)\$1.25 Work of American women in the war effort: in scientific research, in industries taking the place of men, and in volunteer work—making bandages, contributing to blood banks, etc. Commentary by Katherine Hepburn.
War Savings
Bonds at War. DS-146. 1 reel (sound)

On the War Bond Front. DS-147. ½ reel (sound)\$.50 The war savings program from its inception to January, 1943, with special emphasis on the activities of retail stores.
The Price of Freedom. DS-139. 2 reels (sound)\$.50 The establishment of the payroll savings plan in a large industrial plant, and motivation of the purchase of bonds and stamps by visualizing the things we are fighting to maintain.
Conservation
Block That Termite. US-43. 2 reels (sound)
Coal for Victory. US-76. 1 reel (sound)
Conservation of Natural Resources. GS-4. 1 reel (sound)\$1.25 Three natural resources: water power, forests, and farmlands. Appalling results of early wastes in lumbering industry and agriculture. Explanation of steps which have been taken to conserve these resources. Effects of wind and water erosion and unwise farming practices. Scenes from Dust Bowl. Federal efforts to check these abuses.
Forest Ranger. US-83. 3 reels (sound)
Good Turns for Our Forests. U-5. 1 reel (silent)
Grassland. US-6. 1 reel (sound)
It's Up to Us. DS-57. 1 reel (sound)\$1.25 Deals with the problem of conservation of gas, oil, and rubber, special needs for and methods of conserving these vital necessities.
The Land. US-81. 4 reels (sound)
Lubrication. US-89. 3 reels (sound)
Muddy Waters. US-10. 1 reel (sound)
The Power Behind the Nation. IS-33. 4 reels (sound)\$,50 Coal is a very important natural resource for American power. The variety of consumers and the by-products of coal. The use of coal by railways. (N. and W. Railway.)
Power for Defense. DS-2. 1 reel (sound)\$1.25 Power resources in the Tennessee Valley and how used to run factories which make various types of defense materials, arms, munitions, etc.

WAR FILMS

The Price of Progress. CS-32. 1½ reels (sound)\$2.00 Story of the white man's unwise exploitation of America's natural resources, his late awakening to the fact that these resources must be conserved, and his present efforts.
Rain on the Plains. US-12. ³ / ₄ reel (sound)
Save the Soil. US-87. 1 reel (sound)
Short Stops. LS-15. 1 reel (sound)
Story of Rock Wool Home Insulation. US-91. 2 reels (sound)\$.50 By dramatization, film explains causes of draft and loss of heat in homes. Animation shows movement of air. Manufacture of rock wool insulation. Installation of insulation in homes.
T.V.A. CS-35. 2 reels (sound)
Wood for War. US-97. 1/2 reel (sound-color)
Salvage
A Few Ounces a Day. DS-54. 1 reel (sound)\$1.25 An all-diagram film pointing out that one day's salvage by the whole British people counteracts loss of one ship. The importance of salvage to the flow of goods; various examples of useful materials commonly thrown away.
Salvage. DS-122. ½ reel (sound)
Production
The Arm Behind the Army. DS-124. 1 reel (sound)
The Battle for Oil. DS-155. 1½ reels (sound)
Bomber. DS-30. 1 reel (sound)
Building a Bomber. DS-27. 2 reels (sound)\$2.50 Step-by-step manufacture and assembly of the B-26 medium bomber in the Glenn Martin plant at Baltimore.

Building a Tank. DS-115. 2 reels (sound)
Conquer by the Clock. DS-84. 1 reel (sound)
Food, Weapon of Conquest. DS-154. 2 reels (sound)\$2.50 This is a political treatment of the importance of a food supply to the warring nations; the ways in which starvation is used by the enemy to weaken the conquered countries; his efforts to cut off the supplies to the democracies. It is one of the World in Action series released by the United Artists, theatrically, in the United States.
A Job to be Done. DS-59. 1 reel (sound)\$1.25 Describes the British methods of retraining workers for transfer from one position to another and the teaching of the unskilled. How best use can be made of civilian manpower in wartime.
Labor of the Nation. CS-16. 1 reel (sound)\$1.25 A survey of the work of the United States Department of Labor.
Lake Carrier. US-87. 1 reel (sound)
Manpower. DS-121. 1 reel (sound)
Tanks. DS-33. 1 reel (sound)
Transfer of Skill. DS-70. 1 reel (sound)\$1.25 British craftsmen—jewelers, watchmakers, turners of accurately balanced fishing rods, fishermen, builders of luxury yachts and of model trains—turn their skills to making tools for war.
Wartime Factory. DS-42. 1 reel (sound)\$1.25 How British factories are solving wartime problems. Guarding valuable machinery and property and caring for the skilled worker who must work under pressure 60 hours a week.
Yesterday is Over Your Shoulder. DS-43. 1 reel (sound)\$1.25 A short dramatic sketch about a middle-aged British white collar worker who registers for war work, is trained under a government scheme, and becomes a skilled toolmaker to work in munitions factory.
Agriculture
Bip Goes to Town. US-65. 1 reel (sound)
Blessings of Grass. US-52. 2 reels (sound)
The advantages of government ranges for cattle and ways in which they are used. The moving of herds to national ranges in order to rebuild home ranges. The need for grazing land is emphasized.
Democracy in Action. US-84. 1 reel (sound)

Dentility of the Datement Division
Farm Front. US-93. 1 reel (sound)\$.50
Stresses the importance of keeping up production on the farm in order to achieve victory in the war. Emphasizes increased dairy production, raising of poultry, hogs, and grain. Shows how the government and schools assist the farmer to use scientific methods of farming. Enlists the complete utilization of all farm products; equal distribution of food to all through free hot lunches, food stamp plans, etc. Appeal for a high standard of living.
Farmers for Defense. US-72. 2½ reels (sound)\$.50 Panel discussion on the farmer in national defense. Speakers include Claude E. Wickard and M. Clifford Townsend, Emphasis on increased responsibility for production for domestic and army use as well as for export to Allied nations.
Farmers in a Changing World. US-75. 1½ reels (sound)\$.50 Secretary of Agriculture Claude E. Wickard discusses such subjects as the part farmers can take in the war, ever-normal granary, and parity.
Gardening. NS-36. 1 reel (sound)\$1.25
Follows a boy and girl through a garden-raising project from the selection of seeds to the harvesting of the crops: radishes, carrots, lettuce, beets, beans, corn, pumpkins, onions, tomatoes, and potatoes. Soils, growth, role of the sun, insect pests; the various parts of plants used for food—leaves, stems, buds, and roots.
Gardens of Victory. NS-49. 1 reel (sound)\$1.25
How the fighting forces and the people of our Allied nations and the starving families of the conquered countries are depending more and more on the United States for their vital food supply. How each person can do his part to relieve this food shortage by having victory gardens in every vacant lot or space.
Harvest for Tomorrow. US-71. 21/2 reels (sound)\$.50
Story of decline and rebuilding of soil. Use of lime and phosphorous to revitalize the land. We must do our part to assure harvests for tomorrow.
Henry Browne, Farmer. DS-129. 1 reel (sound)
Heritage. GS-61. 1½ reels (sound)\$2.00
Restoration of hope to the farmers of the drought-stricken plains of Western Canada through work under the Prairie Farm Rehabilitation Act, by teaching them conservation of moisture, by the development of new methods of farming and the conversion of sub-marginal land to other uses.
Home on the Range. DS-123. 1 reel (sound)\$.50
The western ranges of the United States, the sheep and cattle, and the men who have spent their lives on these ranges. As the narrator stresses the importance of grass and water, the camera provides illustrative pictures of dams, watering tanks, windmills, crested wheat grass, and deferred grazing. There is a round-up with brief scenes of branding and vaccine injection. Beef cattle in a shipping pen illustrate the range country's contribution to feeding civilian consumers, workers in war industries, and all men everywhere fighting for freedom.
Irrigation Farming. GS-24. 1 reel (sound)
Livestock and Mankind. US-30. 1 reel (sound)
National Poultry Improvement Plan. US-53. 3 reels (sound)\$.50 The methods used to raise and grade poultry under the National Poultry Improvement Plan and the ways of testing and controlling pullorum disease.
On the Road to Tomorrow. US-68. 1 reel (sound)\$.50 Shows the youth of many lands and different races engaged in widely divergent youth activities; explains our own youth movement, 4-H clubs, their spread into many foreign lands, and the results and significance of work and training of 4-H club members.

Pig Projects Make Profits. MS-6. 1 reel (sound-color)\$2.50 Designed primarily for FFA and 4-H Clubs. How one boy gets a start in pig projects; some better management bractices essential to successful hop relating. Pork on the Farm. US-56. 2 reels (sound)\$5.0 Short reaume of pig-raising. Sticking, scalding, scraping, and cleaning of hog. Complete method of cutting up for smoking, salting, and canning. Poultry: Billion Dollar Industry. US-38. 3 reels (sound)\$.50 Grading, marketing, storing, and drying eggs. Scientific feeding, marketing, and dressing of chickens and marketing eggs. Power and the Land. US-66. 4 reels (sound)\$.50 The story of a typical farm family, with their many daily chores made more difficult by lack of the convenience of electricity and electrical appliances. REA brings electricity to the community and makes the farm yield more profit for the farmer and more pleasure to his family. Science and Agriculture. GS-27. 1 reel (sound)\$1.25 The interdependence of science and agriculture in modern life. The soybean's characteristics and problems of its cultivation. Spring Offensive. US-98. 2 reels (sound)\$50 How British farmers have revised their crops in accordance with war demands and plowed up two million additional acres of pastures and idle land, "Land girls," school students, and white collar workers, who have given up their holidays and week-ends, tackle the labor shortsge on the farm. Wartime Farming in the Corn Belt. US-96. 1 reel (sound)\$50 A poster-like warning of the havoc caused by fire on the farm, with a summary of how electricity properly used can prevent farm fires. First Aid and Nursing Angel of Mercy. KS-27. 1 reel (sound)\$50 The story of the life of Clara Barton who, by daring to be different, devoted her life to the profession of nursing. Thwarted, but never stopped, she ministered to the wounded during the Givil War. She devoted her later years to Organization of Reel Gross. Before the Doctor Comes. LS-12. 4 reels (sound)\$		
Short resume of pig-raising. Sticking, sending, senting, and cleaning of hog. Complete method of cutting up for smoking, salting, and canning. Poultry: Billion Dollar Industry. US-38. 3 reels (sound)\$.50 Grading, marketing, storing, and drying eggs. Scientific feeding, marketing, and dressing of chickens, turkeys, etc. 4-H Club teaches modern methods of raising chickens and marketing eggs. Power and the Land. US-66. 4 reels (sound)\$.50. The story of a typical farm family, with their many daily chores made more difficult by lack of the convenience of electricity and electrical appliances. REA bring electrical marketing eggs. Science and Agriculture. GS-27. 1 reel (sound)\$.125. The interdependence of science and agriculture in modern life. The soybean's characteristics and problems of its cultivation. Spring Offensive. US-98. 2 reels (sound)\$.50. How British farmers have revised their crops in accordance with war demands and plowed up two million additional acres of pastures and idle land, "Land girls," school students, and white collar workers, who have given up their holidays and week-ends, tackle the labor shortage on the farm. Wartime Farming in the Corn Belt. US-96. 1 reel (sound)\$.50. Farming prior to and throughout World Wars I and II. Change in emphasis from expansion to conservation. Fertilizing, terracing, and sowing cover crops help to meet the wartime demands. Worst of Farm Disasters. US-64. ½ reel (sound)\$.50. A poster-like warning of the havoc caused by fire on the farm, with a summary of how electricity properly used can prevent farm fires. First Aid and Nursing Angel of Mercy. KS-27. 1 reel (sound)\$.125. The story of the life of Clara Barton who, by daring to be different, devoted by the country of the world of the country of	Designed primarily for FFA and 4-H Clubs. How one boy gets a sta	art in pig
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Before the Doctor Comes. LS-12. 4 reels (sound)	First Aid and Nursing	
Warning to the British civilian population against taking risks in blackouts. Causes of a complicated street accident are analyzed by questions put to those involved. Film can be used as a demonstration of blackout dangers. First Aid: Wounds and Fractures. LS-11. 1 reel (sound)\$1.25 Proper procedures in caring for injured person from time of injury until medical aid arrives. Methods of applying pressure to stop arterial bleeding and use of splints. Home Nursing. HS-37. 1 reel (sound)\$1.25 Hygienic care of a home patient after instruction from visiting nurse—bathing and moving patient in bed; arranging bed, and making patient comfortable; taking and recording temperature, pulse, and respiration rates; medications; helping patient to regain strength. Life Saving. LS-6. 1½ reels (sound)\$2.00 An excellent presentation of the fundamentals of life saving. Basic swimming strokes, how to approach the victim, types of carries, types of releases, how to	Angel of Mercy. KS-27. 1 reel (sound)	\$1.25 at, devoted she min- years to ternational
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Nursing. MS-19. 1 reel (sound)\$1.25 Training and qualifications of a nurse and opportunities for employment in public health, hospitals, private duty, or instruction.
White Battle Front. DS-36. 1 reel (sound)\$1.25 Shows medical services available for the British troops and civilians; prevention of typhoid, water purification, mobile Red Cross units, nursing services, and ambulances sent from the United States.
With These Weapons. HS-17. 1 reel (sound)\$1.25 Modern methods used in diagnosis and treatment of syphilis.
Health
About Faces. HS-39. 1 reel (sound)\$1.25 Relation of dental health to national defense. Follows "Danny" from the cradle until his induction in the Army.
Behind the Shadows. HS-25. 1 reel (sound)
Body Defenses against Disease. HS-2. 1 reel (sound)
Cancer, Its Cure and Prevention. TS-10. 1/2 reel (sound)\$.75 Shows the work of medical researchers in their efforts to discover the causes of and cure for cancer, and the work of organizations in combating popular ignorance and fear of cancer. Famous physicians warn against "quack" cures.
Choose to Live. US-47. 2 reels (sound)
Control of Pneumonia. HS-33. 1 reel (sound)\$1.25 Recent advance in the control of pneumonia, deadly enemy of the human race. Modern methods of treatment and nursing.
Defending the City's Health. HS-34. 1 reel (sound)\$1.25
Modern community hygiene controls are presented. How the death rate from communicable diseases has been reduced through scientific advances and social controls. The effective functioning of a public health department.
The Eyes and Their Care. HS-35. 1 reel (sound)\$1.25 The most important concepts involved in an understanding of the human eye. The use of the eyes, light and vision, and the hygiene of the eyes, with special emphasis upon the latter.
Health in War. DS-55. 1½ reels (sound)\$2.00 Shows the British system of casualty stations, emergency hospitals, and convalescent homes established in and around London for maintaining the fight against sickness and caring for wartime casualties.
Heart Disease. TS-12. 1/2 reel (sound)\$.75 The reasons for the increase of heart trouble in recent years and methods of treatment.
In Every Day. HS-43. 1 reel (sound)
Joan Avoids A Cold. HS-36. 1 reel (sound-color)\$2.50 Health precautions which children should follow to help them avoid catching the common cold and many of the other related diseases are presented by means of a simple story about one young boy who violated some of the rules of health and consequently each as a cold.

Keeping Fit. HS-49. 1 reel (sound)
Our Teeth. HS-26. 1 reel (sound)
Save A Day. HS-47. 1 reel (sound)
A film on workers' health, built around activities of the Industrial Hygiene Division of the National Institute of Health and units of state health departments. Examples of effective industrial hygiene. Helping to keep men on the job by removing industrial health hazards. Various methods used.
Smallpox. HS-44. 1 reel (sound)\$1.25
A dramatic story which strongly emphasizes the vital importance of vaccination and re-vaccination for smallpox.
They Do Come Back. HS-32. 1½ reels (sound)\$2.00 Dramatic story of two young people whose lives are interrupted and threatened by tuberculosis. Modern tuberculosis case-finding, diagnosis, hospitalization, and rehabilitation after cure.
Vision. HS-18. 1 reel (sound)
Vision for Victory. HS-46. 1½ reels (sound)
Welfare of the Workers. DS-73. 1 reel (sound)\$1.25 The high standards of working conditions in England during emergency conditions including those standards affecting ventilation and light, food, hours, recreation, and safety.
Your Health Department. HS-48. 2 reels (sound)\$2.50
The film opens with the rescue of a man from drowning thus presenting the analogy with the health departments of the world that in a less dramatic fashion are also engaged in saving lives by guiding man in the conquest of disease. The film then lists the requirements of a good health department and takes the spectators on a tour of the bureau of vital statistics, the bureau of communicable diseases, the bureau of maternal and child health, the bureau of foods and drugs, the laboratory. The film continues by showing that the efforts of the sanitarian and scientist can be thwarted by public indifference and how the individual by his support of health measures can help create a better world.
Nutrition
Foods and Nutrition. HS-15. 1 reel (sound)\$1.25 Normal dietary requirements of carbohydrates, fats, proteins, minerals, vitamins, and water are presented by animated and normal photography. Photomicrography shows growth of culture tissue. Metabolism phenomena are treated in clarified detail.
For Health and Happiness. US-69. 1 reel (sound-color)\$.50 Shows in color the vital bearing good nutrition has on the health and happiness of children from infancy to youth. Illustrated with scenes of healthy boys and girls.
Four New Apple Dishes. IS-21. 1 reel (sound-color)\$2.50
Shows how apples may be used attractively for different occasions. Recipes for apple salad, apple upside-down cake, glazed apples, and apple ice cream are given; names types of apples for different purposes.
Hidden Hunger. IS-36. 3 reels (sound)\$.50
Lincoln Squires, a farmer with a crusader's zeal, starts out on a one-man, one-month campaign to reform the eating habits of a nation, pleading with

every man and woman he meets to eat the right foods for health and morale. He has some exciting experiences and ends up in court charged with committing public nuisance and disturbing the peace. Dr. Downey overhears the proceedings and steps in to back up Link's statements with scientific data. He points out that if people would learn to eat properly, they could live the best years of their lives twice over.
Fim, Vigor, and Vitamins. HS-40. 1 reel (sound)\$1.25 Each vitamin and its richest food sources. Ways of including vitamins in a day's menu.
Physical Fitness
Beginning Tumbling. HS-29. 1 reel (sound)\$1.25 Stunts of the roll progression and inverted balance progression suitable for beginners demonstrated by junior high school boys in slow and normal motion.
Britain's Youth. DS-49. 1½ reels (sound)
Dashes, Hurdles, and Relays. HS-10. 2 reels (sound)\$2.50 Demonstrations of good technique in 100-meter, 200-meter, and 400-meter dashes in both normal and slow motion. Adjustments of sprinting form necessary for 200- and 400-meters. Three types of good form in hurdling. Much attention is given to techniques of passing baton in long and short relays.
Distance Races. HS-11. 1 reel (sound)
Fundamentals of Basketball. HS-28. 11/2 reels (sound)\$2.00
"Big Ten" Conference players, directed by Coach Branch McCracken of Indiana University, demonstrate in regular and slow motion photography the fundamental skills involved in basket-shooting, passing, dribbling, defensive and offensive ball handling, foot work, and defensive play.
Iot Ice. HS-42. 2½ reels (sound)
umps and Pole Vaults. HS-12. 1 reel (sound)\$1.25 Demonstration in actual competition of running high jump; running broad jump; hop, step, and jump; pole vault. Champions are pictured in slow motion photography.
Posture and Exercise. HS-38. 1 reel (sound)
wimming Technique for Boys. HS-45. 1½ reels (sound)\$2.00 Matt Mann, well known coach at the University of Michigan, acting as both coach and narrator, makes swimming technique natural and easy to understand with the aid of slow-motion photography.
Volley Ball for Boys. HS-31. 1 reel (sound)\$1.25 Fundamentals of serving, rotation, volleying, set-up, and spiking illustrated by senior high school boys.
Housing
The City. CS-9. 3 reels (sound)

Growth of Cities. CS-27. 1 reel (sound)
Growth of Cities. CS-27. 1 reel (sound)
The Home Place. US-70. 3 reels (sound)
Homes for Defense. DS-31. 1 reel (sound)
Shelter. GS-11. 1 reel (sound)
Consumer Education
C-44. TE C 14 CT 47 T 47 T 47 T 47
Cotton From Seed to Cloth. I-47. 2 reels (silent)
Here is Tomorrow. CS-44. 3 reels (sound)
Dramatized documentary film portraying the accomplishments and scope of consumer cooperatives throughout the country. Shows how men and women working together as neighbors have built a "peoples' business," owning streamlined grocery stores and warehouses, feed and seed mills, hatcheries and fertilizer factories, insurance businesses, service stations, refineries, pipelines, and oil wells.
Managing the Family Income. IS-19. 4 reels (sound)\$.50
How an ordinary family makes a plan for spending their income; how they meet the unexpected emergencies, how they make adjustments and stick to their plan until it brings them to the goals they have set for themselves. (Household Finance Corporation.)
Meat for America. IS-22. 4 reels (sound)
A trip through the packing plant of Armour and Co. in Chicago. Selection and grading of meat are emphasized and the modern experimental kitchen is visited.
Family Security
Land to Have and to Hold, US-49, 2 reels (sound)\$.50
History of free land and the growth of mortgages. Establishment of the Federal Farm Board and the Federal Land Banks to help farmers get credit. How the Farm Loan Association grants loans to farmers.
Social Security for the Nation, CS-17, 1 reel (sound) 91.95
The value of social security to the people: unemployment compensation; state free employment services; old age insurance; aid to the needy aged and blind; aid to dependent children. The film closes with the thought that the goal of the Social Security Administration is real security for all the people.
Child Care
Boy in Court. CS-21. 1 reel (sound)\$1.25
Shows how intelligent probation can change a boy's attitude and conduct. In company with his gang, Johnny steals a car, which is wrecked during the ex-

19

citement of their get-away. What might have happened to the boy is realistically portrayed in a sequence of vivid police and prison scenes. What actually happens to him in a good juvenile court with well-organized probation service provides a stirring contrast. A plea for youth and justice.
A Child Went Forth. ES-3. 2 reels (sound)\$2.50
A documentary film on a nursery camp for children from ages two to seven. Shows children in activities designed to cultivate self-reliance. Commentary relates activities of camp to general progressive education techniques and emphasizes potentiality of such institutions for caring for children of women war workers or evacués.
The Children See It Through. DS-51. 1 reel (sound)\$1.25 Deals with the problem of children in wartime cities in Britain. Stresses the need for getting children into the country, and shows what the British Save the Children Federation is doing and hopes to do.
The City of Little Men. KS-4. 1 reel (sound)\$1.25
An account of the work of Father Flanagan of Boystown. The varied activities of the 275 inhabitants.
Juvenile Delinquency. TS-1. 1 reel (sound)\$1.25
How young criminals are made and the measures that are being taken to reduce the number of criminals in the present generation.
You and Your Child. US-51. 2 reels (sound)\$.50 Proper training of children and their place in the family circle. How playing, planning, and sharing together create a closer family bond.
Schools and Education
Dellane ECO 21/ week (cound) \$2.95
Balloons. ES-9. 2½ reels (sound)
Building of Boys. KS-31. 1 reel (sound)\$1.25
Compares building of character to building of machines. Depicts slum conditions leading to delinquency and how the Boys' Clubs in many of the large cities are counteracting bad home environments.
Campus on the March. DS-127. 2 reels (sound)\$.50
Today there are over 1500 colleges and universities in the United States devoting their resources and facilities to the war effort. Some of their wartime activities—courses in engineering and in medicine, R.O.T.C. training, Army and Navy units, laboratory experimentation, classes in languages, nutrition, aeronautics, military law, and radio.
Child Welfare in Sweden FS 15 1 real (sound) \$1.95
The picture deals, in scenes and commentary, with the care which Sweden, through state and municipal aid and cooperation, bestows upon her needy children. The scenes show the following: newly-born infants in a Stockholm hospital; children of working mothers, in their playrooms and workrooms in the city's subsidized apartment houses; infant care in the cooperative apartments; boys and girls at a summer camp; a midsummer day in Stockholm, and the city's provisions for its children's health and comfort; bathing beaches, swimming pools; the Eastman Dental Institute in Stockholm—the young patients, the handsome building, and the staff of dentists at work.
Guidance Problem for School and Home. ES-8. 2 reels (sound)\$2.50
A case study of a second-grade child who is failing in his social adjustment and his studies and who lacks interest in his work.
Indiana University Goes to War. ES-16. 2 reels (sound) Free
Filmed principally on the campus of Indiana University, this film depicts the activities of various organizations and classes as they contribute to the war effort. Shots of classes in medicine, nursing, nutrition, physical education, military training, practice teaching, sciences, language, law, etc., show many students at their daily work. Reflects the tempo of a university campus geared to a wartime program.

Negro Colleges in Wartime. DS-142. 1 reel (sound)\$.50

The wartime activities of four Negro colleges—Tuskegee Institute in Alabama, Prairie View College in Texas, Howard University in Washington, D.C., and Hampton Institute in Virginia. In these Negro colleges and others, there are

dents studying chemistry, meteorology, and animal husbandry; young men an women preparing to become doctors, nurses, technicians; others studying farm mar agement, surveying, industrial accounting, forging—all are performing their function and duty in wartime.	1-
Of Pups and Puzzles. ES-14. 1 reel (sound)	61
Overcoming Limitations to Learning. ES-1. 3 reels (sound)\$3.7	5
Demonstrates the value of the sound film and how it should be used in the classroom. The film contains excerpts from several Erpi subjects. When ordering, please indicate the group before which the film will be shown as it with not be sent to groups other than parent teacher associations, teachers' institute or meetings for the furtherance of visual work in the classroom.	r- ll s,
Principles of the Art and Science of Teaching. ES-10. 4 reels	
(sound)	0
An extemporaneous classroom demonstration of the cooperative planning of a assignment for the unit, "The Historical Development of Certain Basic Inst tutions of Freedom in America." Mr. Roland Crary is the demonstration teach of pupils selected from an eleventh-grade class in American History of the University High School of Iowa City, Iowa. The film was constructed for the purpose of enriching the usual procedures, not of superseding them, in an effort to conserve the time of teachers in assembling materials.	n i- ie ie rt
Progressive Education. TS-14. 3/4 reel (sound)\$1.2	5
A picture of the progressive school system at work; some familiar argument for and against it. A contrast between learning by memory drill and the nemethod of learning through individual projects. Many schools are carrying or Mann's belief that one can best be prepared for a happy life through education	ts w it n.
School. ES-6. 2 reels (sound)\$2.5	0
Documentary film showing a progressive education school in action. No commentator, but complete dialogue by children in the classroom. Indicates the intelligent citizenship in a democracy is best achieved by permitting children a school to develop their own aptitudes and interests according to their individual abilities.	-
Soviet School Child. ES-11. 2 reels (sound)\$2.5	0
The comprehensive, thorough, and modern training given Russian school childrefrom kindergarten to college; such activities as physical education, the 3 R' singing, music, dancing, vocational training. Preparation for life in war opeace.	n s, or
That Children Must Learn. ES-4. 11/2 reels (sound)\$2.0	0
Designed to illustrate the unsatisfactory relationship between educational programs of selected rural schools and diet practices in the community.	>-
Time to Spare. ES-7. 2 reels (sound)\$2.5	0
Some of the activities of the Flat Top School, Mercer County, West Virginia a one-teacher school where progressive teaching methods and thoughtful time block planning provide "time to spare" for enriched individual and grouteaching.	1, 2- ID
Comorrow Is Theirs. ES-2. 1 reel (sound)\$1.2	5
Education for children of high school age in wartime Britain, showing hotown schools carry on, and how evacuation to the country affects the curriculum; air raid shelters for schools.	w
Village School. DS-71. 1 reel (sound)\$1.2	5
Scenes of an English country school in wartime. The educational difficultie encountered and overcome as schools become overcrowded with evacués.	
Villie and the Mouse. ES-13. 1 reel (sound)\$1.2	5
The film begins by contrasting Willie's father's education in which facts wer learned by repetition with Willie's education in which life situations are dram atized in the classroom. Various experiments with white mice demonstrate the some mice learn by sight, others by ear, and still others by touch. Such experiments as these have caused individual differences to be recognized in the classroom.	re it c- ie

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Battle	of	Brain	s. DS-4	7. 11/2	reel	s (s	sound))			\$	2.00
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- Plastics—the Fourth Kingdom, IS-6. 3 reels (sound)\$.50
 Manufacture and many uses of plastics. Produced by Bakelite Corporation.
- The Tree in a Test Tube. US-99. 1 reel (sound-color)\$.50

 In this film Pete Smith stops Laurel and Hardy to analyze their personal belongings and the miscellany in their suitcase to ascertain what articles are wood products. A surprising number are found to be, at least in part, wood products. The U.S. Forest Products Laboratory where research workers experiment to discover new uses of wood.

Pre-Flight Training

Aerial Navigation—Airways Flying. AS-23. 23/4 reels (sound)..\$2.25 Deals with aerial navigation by visible contact with ground object. Attention is called to the air ways and their rules, established by the Civil Aeronautics Administration. The priorities order of the intersections is given and the meaning of green, amber, red, and blue markers on air ways maps. Views in an aircontrol center operations office show the pilot making out and having his flight plans checked. Some discussion of recommended procedures when navigation instruments fail and the rules of the road in approaching and leaving airports.

An over-all view of the various types of map projection, and the advantages and disadvantages of each. Animated maps, combined with commentary, explain gnomonic projection, Mercator projection, and Lambert conformal projection and their relation to aviation navigation. The final sequence of the picture is a discussion of the variation in compass readings caused by the location of the north magnetic pole in relationship to the true north pole, and caused by magnetic deviations due to the metal of the airplane.

Aerodynamics—Air Flow. AS-27. 13/4 reels (sound)\$1.50
Film opens with an explanation of turbulance and skin friction. The flow of smoke over various shapes and forms of solid objects is used to illustrate the discussion. Definition and explanation of angle of attack, the point of stall, drag, and lift. Various forms of wings with more nose, short tails, and long tails, and with curved tips and the flow of smoke around them are shown. A pictorial demonstration of what happens to the air current when ice forms on the leading edge.

Aerodynamics-Forces Acting on an Airfoil. AS-28. 21/2 reels

Aerodynamics—Problems of Flight. FS-40. 1 reel (sound).....\$1.25
Intended as a companion reel to the film THEORY OF FLIGHT, this production describes the use of the plane's controls in taking off, climbing, benking, stalling, spinning and recovery, diving, gliding, and landing. Superimposed animated diagrams help to clarify the effect of forces acting on the plane. Gliding and landing are given special consideration by a demonstration of both correct and incorrect techniques.

Aerodynamics—Theory of Flight. FS-39. 1 reel (sound)\$1.25 Illustrates the application of physical laws to forces acting on airfoils. Wind tunnel tests demonstrate the relation of air velocity to lift and drag on plain and cambered airfoils. Control of airplane movements about vertical, lateral, and longitudinal axes by means of the rudder, elevator, and ailerons, respectively, is demonstrated in pitching, rolling, and yawing.	A
Air Communiqué. DS-133. 1 reel (sound)\$1.25	A

Aircraft Engines—Carburetion. AS-3. 3½ reels (sound)\$2.75

A detailed pictorial discussion of the functions, parts, and variations of aircraft engine carburetors. The mixture of air and gas in an internal combustion engine, the variations in the ratio of gas and air desirable for idling, acceleration, and maximum power, and the special problems created by dives and by operation at high altitudes. Animated diagrams and pictures show a simplified carburetor and then add the various devices developed to permit the control of the mixture.

Aircraft Engines—Elements of Electricity as Applied to Ignition

Systems. AS-2. 2½ reels (sound)\$2.00

Explains by animation, diagrams, and commentary the application of the basic principles of electricity to the ignition system of an aircraft engine. The film opens with a simple explanation of electric current, voltage, polarity of magnets, and magnetic fields. There follows a detailed explanation of electro-magnetic induction, and the induction coil and these principles applied in generators.

Aircraft Engines—Types, Mechanisms, and Oiling Systems. AS-1.

31/4 reels (sound)\$2.50

A pictorial explanation of the operating principles of the internal combustion engine, followed by views of standard forms, with cylinders arranged in a V. in a line, opposite each other and in circle (radial). Cut-away models, combined with commentary, provide a general explanation of the carburetor, exhaust, and intake valves, pistons, and piston rings, and the cam shaft. The lubrication system is explained by means of a still diagram, animation, and commentary; the scavenger pump, strainer, crankcase breather, cooler, reserve tank, and the use of the oil system in the hydraulic control of the variable pitch

The film opens with a diagrammatic explanation of a simple hydraulic system, with a discussion of the principles involved and how it is applied to the operation of a retractable landing gear. The pumps, reservoirs, special valves, and operating levers are diagramed and explained. Specific application of these principles to the BC-1 plane.

The Airplane Changes the World Map. GS-78. 1 reel (sound)..\$1.25

This film presents the new geography of the Air Age clearly and concisely. Through animated photography a transparent globe with axis and lines of latitude and longitude gives a marked illusion of third dimension. The use of overlays, fades, and other devices in the film makes it suited to the introduction of global geography. The effect of the airplane on the world scene. Transportation is interpreted in great circle air routes which run independently of land and water and mark the shortest distance between points on the surface of the earth.

energy into heat. Animation illustrates the problem of translating 36,000 pounds, the weight of an airplane, traveling at a landing speed of 90 miles per hour into an energy of 10,000,000 foot pounds which must be changed to heat through the braking system. The film closes with a discussion of the two basic systems of hydraulic brakes, the integral or power-operated brakes used on large planes, and the manually operated hydraulic brakes for small planes.
Airplane Hydraulic Brakes-Types, Construction, and Action.
AS-16. 3 reels (sound)\$2.25
The parts, the assembly, and the action of specific commercially produced types of hydraulic brakes and brake shoes. Single servo and double servo action brakes and other forms such as the revolving disk brake. Each brake is shown, its parts named and assembled, and its action explained.
Airplane Structures—Alighting Gear. AS-9. 1 reel (sound)\$.75
Shows workings of alighting gear and such safety devices as a horn that sounds when gear is neither locked nor retracted and a red warning light that shows when the alighting gear is neither locked nor retracted.
Airplane Structures-Control Surfaces. AS-8. 1 reel (sound)\$.75
This picture deals with the construction, location, and function of the various control surfaces: ailerons, rudders, tail flaps, wing flaps, vertical fins, elevators, and horizontal fins. The processes of covering these surfaces with fabrics are shown in considerable detail. Various kinds of trim tabs, both fixed and adjustable and their function.
Airplane Structures-Fuselage Construction, AS-7, 3/4 reel (sound) \$.75
The various sections of the aircraft fuselage and the steps of the development of a fuselage with the pilot's coup. Some attention is given to the differentiations of cowlings for air-cooled and liquid-cooled engines:
Airplane Structures-Manufacturing Methods. AS-10. 21/4 reels
(sound) \$1.75 Shows manufacture of wings, fuselage, engine, and tail. An overview of steps in the complete manufacture of a plane.
Airplane Structures-Static Testing. AS-11. 1 reel (sound)\$.75
The procedures and methods used to form the elastic axes of the wings, the torsional stiffness tests, and the negatives acceleration test. The commentary points out the usefulness of the information gained in the test and how it relates to the power-diving capabilities of the finished plane. The testing of the control surfaces through the utilization of models and wind tunnels. The dynamic tests given to the landing gear to indicate its ruggedness, under actual landing conditions.
Airplane Structures-Structural Units-Materials and Loads for
which Designed, AS-5, % reel (sound)\$.75
This film presents a pictorial discussion of the various units of a plane and of the various types of loads and stresses each must be designed to handle. Diagrams show the various types of stresses that are involved in various angles of flight. Parts of the plane fuselage, wings, the landing gear, and the control surfaces are indicated and the function of each defined.
Airplane Structures—Wing Construction, AS-6, 1 reel (sound)\$.75
The shape, the chord, and span of wings. Wing construction: internal bracing in the form of spars and ribs; the beam form. The forces of thrust and drag and the utilization of interior bracing and skin bracing to withstand them are indicated and explained. The outer panel, the leading edge, the center section, and the wing tip are indicated and defined. The assembling of wing sections and the construction of wings where fuel tanks are built into them.
Airscrew DS-134 2 reels (sound) \$2.50
Opens with whirring propeller blades. Animated diagrams show how the bite of the propeller moves it through the air and how the pitch determines the size of the bite. A trip through an airplane factory shows the manufacture of airscrews in detail. Photomicrographs show the difference between a poor and a satisfactory alloy. The rough casting is turned on a lathe. The rest of the process is painstaking hand work interspersed with dozens of careful inspections. The operation of the variable pitch mechanism and its use in taking off and cruising. When the propeller is assembled the complete job is tested for balance.
Atmospheric Pressure. F-1. 1 reel (silent)\$.75
Illustrations of unbalanced air pressure. Atmospheric variations in pressure between land and water, and between valley and hill-top.

Celestial Navigation—Charts. AS-25. 1¾ reels (sound)\$1.50 Pictures, maps, diagrams, and a sound commentary explain Mercator charts, gnomonic projections, and Lambert conformal projections. A highly technical treatment.
Celestial Navigation—The Earth. AS-24. 1½ reels (sound)\$1.25 This film explains in a non-technical way the positions and significance of the lines of latitude and longitude on the earth.
Celestial Navigation—Introduction and Location of Celestial Points. AS-19. 13/4 reels (sound)\$1.50 The introductory sequences present the various uses of celestial navigation, the location of places on the earth by means of celestial bodies. Diagrams are used to illustrate the fact that the earth is not a true sphere and the nautical mile is described as 6,080 feet, or 1 degree. Diagrams, plus commentary, explain the relationship between the earth and the celestial sphere. A pictorial definition of the zenith, nadir, sidereal hour angle, local hour angle, and bubble horizon.
Celestial Navigation—Principles of Celestial Navigation—Position
Finding on the Earth. AS-20. 1\(^1/4\) reels (sound)\$1.00 The principles of celestial navigation and position-finding on the earth. Starting with an introduction explaining longitude and latitude and the determination of geographic position, it moves very quickly into a discussion of the Greenwich hour angle, local hour angle, and sidereal hour angle.\(^1\) Celestial triangles and the use of the various tables required to figure positions.
Clouds. US-18. 1 reel (sound)
Construction of a Light Airplane. AS-34. 2½ reels (sound)\$1.00 An introductory sequence functionally identifies the five major parts of an airplane. The steps in the actual construction of a "Piper Cub": the construction of the fuselage, the shock-absorbing landing gear, tail, and wings; the assembly of each of these parts. The procedure for compensating the magnetic compass, and the air tests for stability and safe operational performance which the plane must pass in order to be licensed.
Doping Technique. AS-30. 1 reel (sound)\$.75
The proper application of dope to the surfaces of an airplane with the hand brush and the spray gun.
Drilling in Metal, Wood, or Plastics. AS-33. 2 reels (sound)\$1.50 Demonstrates and explains the use of several types of drills suitable for different metals, woods, or plastics.
Flashing Light Signals. AS-32. 1/4 reels (sound)
How to Fly. IS-3. 1 reel (sound)
Into the Blue. DS-135. 1 reel (sound)\$1.25 The film shows the careful background of training which R.A.F. men carry with them when they fly off "into the blue."
Look to Lockheed for Leadership. DS-117. 3 reels (sound)\$.50 Traces aviation's origin in America and outlines the production of modern airplanes: plane construction, functions of engineering and research, plane assembly, and air views of finished planes. (Lockheed Aircraft Corporation.)
Modern Weather—Theory and Structures of a Storm—Development and Characteristics of Atmospheric Waves. AS-18. 11/4 reels
(sound)\$1.00 Animation and maps, combined with commentary, explain the principles of the development and characteristics of atmospheric waves.

No. 1. Way 41. The last of City of Cit
Modern Weather—Theory and Structures of Storms—Primary Circulation. AS-17. 13/4 reels (sound)\$1.50 Animation and maps, combined with commentary, explain the principle of the air currents created by the tropical regions and the polar regions and the de-
Animation and maps, combined with commentary, explain the principle of the air currents created by the tropical regions and the polar regions and the deflection of these winds in terms of the earth turning on its axis. This provides an explanation for the prevailing westerlies and the formation of the trade winds. Heat loss of six degrees of fahrenheit for each 1,100 feet of ascent, combined with the fact that cooling reduces the capacity to hold moisture, serves as a basis for an elementary explanation of polar fronts.
Nautical Astronomy. AS-34. 21/4 reels (sound)\$1.75 Shows position of stars at various seasons of the year, times during the night, and points on the earth, and explains how this information is used to chart courses.
Paratroops. DS-93. 1 reel (sound)
A quick overview of the weeks spent in learning to jump, tumble, and fall, in practice jumping from a tower and from a dummy plane, in packing the parachute one's life depends on, in learning to jump from a plane in half a second, to guide a chute by working the shroud cords, to land without splintering a leg, to disengage the chute and come up fighting.
Paratroops. DS-137. 1 reel (sound)\$1.25 Interesting report of the training of parachute troops and their uses in warfare. Many remarkable aerial shots of parachutists in rehearsal.
Principles of Flight. F-27. 1 reel (silent)\$.75
The elementary principles of lift and flight are illustrated by the kite, the glider, and the airplane. Animations and straight photography of laboratory apparatus and wind tunnels illustrate the effect on flight of velocity of air currents, angle of inclination of the wings, and streamlining. The standard controls of an airplane, rudder, elevators, ailerons, stabilizer, and fin are demonstrated by means of animated diagrams and straight photography.
Servicing the Aviation Spark Plug. AS-12. 21/4 reels (sound)\$1.75
A brief history of the development of the specialized spark plugs used in aviation engines. The care necessary in removing spark plugs from an engine and the utilization of the various specialized equipment developed to clean them. The assembly of a spark plug, the maintenance of the cleaners, and the adjustment of the gap are shown in considerable detail.
Useful Knots. AS-29. 21/4 reels (sound)\$1.75
This picture demonstrates and explains the tieing of the following knots: the overhand, the slip, the square, the sheet bend, two half hitches, the slippery hitch, the clove hitch, and the rolling hitch.
Venture Adventure. DS-138. 1 reel (sound)\$1.25 The story of Britain's Air Training Corps.
The Weather. FS-46. 1 reel (sound)\$1.25
Explains the Polar Front Weather theory and describes meteorological instruments and methods, including thermometers, barometers, aneometers, pilot balloons, and radio sound equipment. Animated photography portrays solar radiation, atmospheric circulation, and cyclone wave phenomena. Cirrus, Alto-Stratus, and other cloud formations are shown and their significance interpreted.
The WEFT System of Aircraft Identification. AS-31. 11/4 reels
(sound)\$1.00
Models are used to explain the WEFT system of aircraft recognition, which depends upon examination of wings, engine, fuselage, tail assembly, the first letters of which furnish the name WEFT.
Machine Shop Series
Precision Measurement
Steel Rule. DS-16. 11/4 reels (sound)\$1.00
Shows the various forms of the steel rule in general use including depth gages and the combination square; explains the fractional scales found on them and demonstrates their correct use and proper care.
Micrometer. DS-17. 11/4 reels (sound)\$1.00
Shows the various forms of micrometer, outside, inside, and depth; explains how micrometers are read and demonstrates their correct use and care.

Fixed Gages. DS-18. 1½ reels (sound)\$1.25 A demonstration of the various types of fixed gages and their importance in modern mass production. Go-not go gages in various forms, flush-pin gages, taper ring and taper plug gages are all shown in actual use.
Vernier Scale. DS-19. 1½ reels (sound)\$1.25 A detailed study, largely in animation, of the principles of the Vernier Scale and its application to precision measurement.
Height Gages and Standard Indicators. DS-20. 1 reel (sound)\$.75 The fundamental principle of the Vernier height gage, together with various forms of standard indicators; their use and care.
Engine Lathe
Parel Turning Patroca Conton DC 9 11/ reals (cound) 91 00
Rough Turning Between Centers. DS-8. 1½ reels (sound)\$1.00 The procedures followed in setting up an engine lathe for a rough turning job between centers, on a piece already cut to length and centered. Safety precautions in dress and work, necessity of constant reference to blueprint, lubrication of machine, care of centers, and proper use of various controls on the lathe.
Turning Work of Two Diameters. DS-9. 11/4 reels (sound)\$1.00
Discusses operations followed when turning a gear blank with its shaft, from a solid piece of round stock. Procedures and precautions used when turning to close tolerances. The establishment of a reference point and its constant use are emphasized.
Cutting a Taper with the Compound Rest and with the Taper
Attachment. DS-10. 1 reel (sound)\$.75
Shows the operations used when turning a sharp taper on a bevel gear blank with the compound rest and a slight taper on a shaft with the taper attachment.
Drilling, Boring, and Reaming Work Held in Chuck. DS-11. 1 reel
(sound)\$.75
This film gives the operations followed when cutting a tapered hole in a solid forged steel gear blank. Operations of centering the piece in a chuck, rough facing, drilling, taper-boring, and reaming. Checking the finished size of a tapered hole with a taper plug gage, together with precautions to be observed.
Cutting an External National Fine Thread. DS-12. 11/4 reels
(sound)\$1.00
Describes various shapes of threads and their uses, gives the characteristics of the National Fine Thread, and shows procedures used to cut such a thread on a lathe. Use of the thread pitch gage to check the pitch of the thread, and the thread micrometer to measure the diameter of the work.
Turning a Taper with Tail Stock Set Over. DS-108. 11/2 reels
(sound)\$1.25
The three methods commonly used when turning tapers on a lathe and the reason for sometimes using the set-over method. Methods of calculating the amount the tail stock must be set over to cut a given taper. One method uses a gage block, another method the dial indicator, and still another the cross-feed screw and its index. The necessity for setting the tool on center when cutting tapers is emphasized.
Cutting an External Acme Thread. DS-109. 11/2 reels (sound)\$1.25
The various steps followed when taking the roughing cut. After the roughing cut has been completed, a finishing tool is substituted for the stocking tool. The method for setting this finishing tool by means of a setting gage, the picking up of the thread left by the stocking tool, the use of the threading dial, and the method by which it is set are shown in detail.
Milling Machine
The Milling Machine. DS-3. ³ / ₄ reel (sound)

Cutting Keyways. DS-4. 1½ reels (sound)\$1.25 Shows the setting up of a shaft on the table of the milling machine for cutting a keyway at each end, the selection of the proper cutter, the determination of the correct speed and feed, and the setting of the machine for the correct depth and length of cut.
Straddle and Surface Milling to Close Tolerance. DS-5. 2½ reels (sound)\$2.00 Methods and procedures for rough milling a solid bar of stock all over and finish milling the same piece to a given shape and size. Procedures used when setting up a gang of cutters on an arbor for milling to close tolerances.
Straddle Milling. DS-6. 1½ reels (sound)\$1.25 Procedures followed when straddle milling a pair of connecting rods held in a fixture. The function of fixtures in production work. A setting gage is used to check the cutter set-up. The use of coolant on the cutters, the checking of each cut, the advantages of the fixture, and the necessity for keeping the table and the work free of chips and burrs.
Plain Indexing and Cutting a Spur Gear. DS-7. 21/4 reels (sound) \$1.75 The set-up of a milling machine, the use of a dividing head, and the cutting of an 8-pitch spur gear with 36 teeth. Animation study of the principles of the dividing head and how it is used to secure the desired number of cuts.
Vertical Boring Mill
Rough Facing, Turning, and Drilling on a Vertical Turret Lathe. DS-13. 3 reels (sound)\$2.25
Operations in rough facing, rough turning, and drilling on aluminum easting held in the chuck jaws of a vertical turret lathe. Entering the casting on the table, tooling the vertical head for facing, turning, and drilling are shown in detail.
Rough Facing and Boring and Turning a Shoulder on a Vertical
Turret Lathe. DS-14. 2 reels (sound)\$1.50
The operations and procedures followed in tooling up a vertical turret lathe for work requiring the independent use of the vertical and side heads. The setting and use of automatic feeds.
Facing, Turning, Boring, Grooving, Chamfering on a Vertical Turret
Lathe Using Two Heads. DS-15. 3 reels (sound)\$2.25 This film shows the operations and procedures followed when tooling up a vertical turret lathe for operations requiring the simultaneous use of both vertical and side heads. A semi-finished magnesium casting is secured to the table in a special fixture and the vertical and side heads are used simultaneously to make boring and turning cuts. The use and shape of the chamfering tool.
The Shaper
Cutting a Keyway on a Finished Shaft. DS-22. 1½ reels (sound) \$1.00 Operation of shaper in cutting keyway in shaft; safety precautions; clearance hole at end of cut; selection of tool and its setting for given width and depth of cut; correct procedures for securing work in table vise; selection and procedures in setting correct length, position and speed of ram stroke. Blueprint shows steps followed.
Machining a Rectangular Cast Iron Block. DS-23. 21/2 reels
(sound)\$1.75
Rough machining and finish machining rectangular block of metal held in vise mounted on table of machine; block of cast iron used to show functions and uses of parallels and various ways in which block is set in vise for rough machining all six sides. Techniques when taking finished cuts, including use of tell-tale papers to assure correct seating of piece on parallels, necessity for establishing reference surface, and setting piece so that other surfaces will be machined from that surface. Difference in shape of roughing and finishing tools and method of setting each together with depth of cut and use of average.

Machining a Tool Steel V Block. DS-24. 2 reels (sound)\$1.50

Machining of V-block from solid piece of tool steel held in shaper vise; piece has been finished machined all over ready for cutting V's and clamping slots on

matic feed, and hand feeding.

sides; use of paper shims to assure correct seating of parallel; setting ram for length and position of stroke. Cutting slots on side done with only one cut and reason explained; one method of roughing out large V and small V on opposite side; working to layout; selecting finishing tool, setting head of shaper over to 45-degree angle and setting finishing tool for finishing cuts; head remains in one position, and piece is reversed in vise.

The Radial Drill

Orilling and Tapping a Cast Steel Valve Body. DS-25. 1¾ reels (sound)\$1.50 Technique of drilling and tapping blind holes in cast steel on a radial drill. A drill jig with loose bushings is used for locating the holes. Setting up the work on the table of the machine, setting the jig on the piece to the layout lines. Calculating the size of the tap drill and the method used when setting the machine to drill a number of holes to the same depth. A wizard drill chuck is used in the drilling operation, and a standard friction chuck for holding the tap. The action of a tap in a hole is shown in animation and the reason why a tap binds in the hole and must be reversed frequently when tapping in tough metals.

Bench Work

bar on the under side of the flange. Closeups and actual spot facing follow.

- Cutting Thread with Taps and Dies. DS-113. 134 reels (sound) \$1.50 The methods, operations, and procedures used when cutting small threads with the use of hand taps and dies. The job problem requires the tapping of a blind hole in a fuel pump body and the threading of a study bolt. Animation, picture, and commentary explain the correct use of the taper tap, the plug tap, and the bottoming tap in cutting internal threads in a blind hole; the various parts of a die and the exact order in which an adjustable die must be assembled for correct use.
- Scraping Flat Surfaces. DS-99. 1¼ reels (sound)\$1.00

 Operations and procedures used in hand-scraping flat surfaces to a surface plate. Hand-scraping a fuel pump body to produce a liquid-tight joint. The surface plate and its function in machine shop work; care in its use. Five common forms of hand-scrapers are shown. The straight flat scraper is selected for this job; the operations and care used in sharpening and using this scraper are shown in detail. Closeups and commentary call attention to the position of the scraper, and the methods used in scraping around holes, and near the edges.
- Fitting and Scraping Small Bearings. DS-100. 2 reels (sound)..\$1.50

 The scraping of split and solid bearings; the laying out and chipping of oil grooves. A discussion of bearings points out that all bearings must provide full support, be in perfect alignment, and provide for lubrication. The job demonstrated is the scraping of a split bearing of the pillow block type for a jack shaft. The forms of hand-scrapers used for scraping curved surfaces: the three-cornered, the half-round curved, and the half-round straight scraper. Animation is combined with commentary to explain the relieving of such bearings to aid lubrication.
- Reaming with Straight Hand Reamers. DS-101. 2 reels (sound)..\$1.50

 Hand reaming a bearing with a straight fluted reamer and a gear blank with a spiral fluted reamer. The drilling and machine reaming of two bearings in line. A straight fluted reamer is selected for the reaming of a two-bearing bracket. Animation, with commentary, shows the reamer blade, names its parts, and explains the work performed by the tapered tip. The second job, a hole in a gear blank, has a keyway, so a spiral fluted reamer is selected. The hole is reamed and checked with a plug gage, and found to be the correct size.
- Reaming with Taper Hand Reamers. DS-102. 1½ reels (sound)..\$1.25

 The hand reaming of a taper pin hole through a shaft and collar; taper reaming a dowel pin hole on a split bearing cap. A study of the blueprint shows that a

No. 6 taper reamer is called for as the commentary explains that reamers for taper pins come in sizes numbered from 0 to 13. Animation shows the action of the reamer blade in removing metal with a scraping action.

- Centering Small Stock. DS-103. 1 reel (sound)\$.75 The tools and methods used when locating the center of round, square, and rectangular pieces; the use of a flat surface, V blocks, and surface gage; the use of the hermaphrodite calipers; and the use of a center head and rule. In each pictorial demonstration, closeups show the setting of the tool used, the scribing of the lines, and the punch markings of the center.
- Laying Out Small Castings. DS-104. 11/2 reels (sound)\$1.25 The methods and procedures used when laying out a small casting for drilling, starting with the location of a reference point. The first job of layout pictured is a casting for a circular saw bracket in which the bolt holes must be located in relation to the saw bearing; the second, the location and punch marking of six regularly spaced bolt holes on a pipe flange casting. The necessity for accuracy in all layout work.
- Fundamentals of Filing. DS-105. 11/4 reels (sound)\$1.00 The selection of the right file for the right job. The various kinds of files and the type of work that each does best. The use of single-cut files to obtain a fine finish on soft steel, and the use of oil or chalk. Draw filing with a single-cut fine file to secure a fine finish. Single-"cut" and double-"cut" files and the use of cach given. The use of various cuts of files on various kinds of metals.

Action, Use, and Care of Single Point Cutting Tools

- Fundamentals of Side Cutting Tools. DS-106. 1 reel (sound)....\$.75 The name and location of each part of the tool; an explanation of the relationship between each part and the job the tool has to do; how the job of cutting metal and carrying off the heat generated affects the shape, the setting, and the care of single point side cutting tools as used in a lathe. Closeups and commentary call attention to the heat generated at the cutting edge, the friction of the moving chip, and the bending of the chip.
- Fundamentals of End Cutting Tools. DS-107. 11/4 reels (sound)..\$1.00 Six representative single point end cutting tools are shown and the various Six representative single point end cutting tools are shown and the various uses and characteristics of each. The radius tool, the threading tool, the sheer cut finishing tool, the round nosed finishing tool, and the side facing tool. The parts of each tool are shown and named; the tools are shown taking a typical cut; the correct setting of the tool is indicated and the type of cut each is ground to make.

Operations on the Sensitive Drill

Drilling a Hole in a Pin. DS-110. 1 reel (sound)\$.75 Two methods for drilling a hole in each end of a steel pin: drilling to a layout; and drilling with a jib. The use of a V-block when drilling is shown in detail. The use of a jig for drilling small, deep holes. Commentary explains the reasons for each movement and emphasizes the various safety precautions that must be absented. that must be observed.

Operations on the Vertical Drill

- Locating Holes, Drilling and Tapping in Cast Iron. DS-11. 11/2 reels (sound)\$1.25 The picture opens with a few shots of the operator laying out a bolt circle with eight holes. The method of locating the center of the bolt circle and the centers of the various bolt holes, together with the way they are marked to guide the drill press operator, are shown. After all the holes have been drilled, a tapping chuck of standard make is used to tap two holes for set screws. The method of setting the machine for this operation and the precautions the operator must take are shown in detail.
- Countersinking, Counterboring, and Spotfacing. DS-112. 2 reels (sound)\$2.25 The first piece is 3/16th by 2 inch steel which must be drilled and countersunk. The second piece is a small cast-iron pedestal, the hub of which must be drilled and counterbored and the base drilled and spotfaced. The necessity for planning in order to keep the number of times tools are changed to a minimum is emphasized as is also the advisability of using simple methods when setting up work.

Latin-America
Americans All. CS-38. 2 reels (sound)
Argentina (People of Buenos Aires). GS-32. 1 reel (sound)\$1.25 Buenos Aires, the commercial, financial, and industrial hub of predominantly agricultural Argentina. A grain broker and a packing plant employee, with the family of the latter, are introduced as representative city-dwellers. The vast pampas region, the source of Argentina's agricultural wealth; the dependence of the city on the rural hinterland. Spanish dialogue is periodically incorporated into the film story.
Argentine Argosy. KS-57. 1 reel (sound)

- Panorama of Argentina with glimpses of city life, great cattle ranches and farms, mountains and lakes in Western Argentina. Street scenes in Buenos Aires, famous monuments, parks, and people. Life on a large cattle estate: great house, swimming pool, gauchos and native women singing and dancing at barbecue. Iguazu Falls. Argentine Primer. GS-76. 2 reels (sound)\$.50
- Short scenes picture the activities of typical Argentinians. Street scenes in Buenos Aires, public barbecues, activities on cattle ranges, manufacture of raw products for exportation; Argentine daily customs, and cultural pursuits.
- Arts and Crafts of Mexico. RS-1. 1 reel (sound)\$1.25 Native craftsmen in home workshops. Spinning, weaving, basket-making, glass-blowing, and pottery-making. Display of Mexico's famous Guadalajara pottery.
- The Bounteous Earth. GS-72. 1 reel (sound)\$.50 Dances accompanying the blessing of the animals on Candlemas Day in the City of Cholula (City of Churches). The violent rites at Tlocotalapan, where a young bull is set at large to be baited by the entire community.
- Brazil. GS-43. 1 reel (sound-color)\$.50 Industrial Brazil (Rio de Janeiro, Santos, and Sao Paulo) and some of the Amazonian lowlands country. Compares life in the busy metropolises with that in the Brazilian wilds.
- Brazil Gets the News. GS-41. 1 reel (sound)\$.50 Activities of the editorial and technical department of a large modern newspaper in Sao Paulo, the "Detroit of Brazil."
- Brazil (People of the Plantations). GS-33. 1 reel (sound)\$1.25 A geographical orientation to Brazil's vast extent, its regional contrasts, and its coast cities. A land-owner, an agent, and a family of pickers on a large coffee plantation, with its varied crops, its mixture of immigrant peoples, its ducational and religious activities. Film personnel and incorporated dialogue reveal Brazil as a predominantly Portuguese country.
- Central America. KS-52. 1 reel (sound)\$1.25 The volcanic origin of the mountains of Central America; volcanic orifices, and steaming pools of lava. Scenes in Guatemala and Costa Rica. Women working on coffee plantations in Costa Rica.
- Coffee from Brazil to You. IS-4. 2 reels (sound)\$2.50 The story of coffee: clearing and preparation of the soil; planting the seed; transplanting; eight-inch plants and mature trees; coffee picking, washing, drying, hulling, grading, sizing, shipment by rail, testing, selling, shipment by water, roasting, and packaging. The locale is Sao Paulo and Santos in Brazil.
- Colombia. GS-46. 1 reel (sound)\$.50 The port of Barranquilla, the towns of Bogota and Cartagena, and scenes of the beautiful Colombian countryside.
- Continent of South America. G-84. 1 reel (silent)\$.75 Main natural regions of the continent, their relation to each other, and physical, biological, and social features of each. The Andes, the Pacific slope, the Brazilian Highlands, the LaPlata Basin, the Guiana Highlands, the Orinoco Basin, and the Amazon Basin.

The Day is New. GS-40. 1 reel (sound)	
Ecuador. GS-75. 2 reels (sound)	1
Fiesta of the Hills. GS-60. 1 reel (sound)	
Good Neighbors. KS-58. 1 reel (sound)	
High Spots of a High Country. GS-51. 2 reels (sound)\$.50 The people of Guatemala and their volcanic country with its romantic old cities, its markets, and farms.	
The Hill Towns of Guatemala. GS-47. 1 reel (sound)\$.50 The fascinating life of several small towns perched on the slopes of an extinct volcanic mountain.	
In Old Guatemala. KS-55. 1 reel (sound)	
Land of Mexico. GS-5. 1 reel (sound)	
A Line from Yucatan. GS-64. 1 reel (sound)\$50 Planters on Mexico's famed peninsula provide sisal hemp when war closes sources in the Pacific.	,
Mexican Murals. KS-12. 1 reel (sound)	
Mexico Builds a Democracy. GS-69. 2 reels (sound)\$.50 The Mexican government brings education to its Tarascan people.	,
Orchids. GS-42. 1 reel (sound-color)	
Our Neighbors Down the Road. GS-48. 4 reels (sound)\$.50 An automobile tour, part on the Pan-American highway, from Caracas to the Straits of Magellan.	
Peru (People of the Mountains). GS-36. 1 reel (sound)\$1.25 Lima, the modern capital; ruins of pre-conquest civilizations. Present-day descendants of once-proud Indian peoples; their handicrafts and pastoral simplicity. The varied activities of a single family group.	-
Sundays in the Valley of Mexico. GS-71. 1 reel (sound)\$.50 Things to do and see on Sundays near Mexico City—from viewing pyramids to modern dancing.	
Touring Brazil. KS-50. 1 reel (sound)	3 1 5 .

Venezuela. GS-44. 1 reel (sound-color)
Wooden Faces of Totonicapan. GS-50. 1 reel (sound)\$50 Guatemalan fiestas, including the breath-taking climax of Chichicastenango's famous eight-day celebration.
American Heritage
The Boy Who Saved a Nation. KS-2. 1 reel (sound)\$1.25 The story of the Marquis de Lafayette, who, because of his love of liberty, gave his fortune and services to the revolting colonists in the Revolutionary War.
Colonial Expansion. CS-48. 1 reel (sound)
Presents Stanley Brown, Donald Grayson, and others in a program of Stephen Foster songs: Oh Susanna, Beautiful Dreamer, Jeanie with the Light Brown Hair, Old Folks at Home, Camptown Races, and My Old Kentucky Home. Words to the songs are flashed on the screen to be sung by the audience in the usual "community sing" style.
Declaration of Independence. JS-2. 2 reels (sound-color)\$5.00 A dramatic picturization of the final break between the colonies and England; the drawing up of the Declaration of Independence by Jefferson, Franklin, and Lee. The thrilling 80-mile ride of Rodney from his home to Philadelphia in order to cast his decisive vote is romanticized.
Discovery and Exploration. CS-49. 1 reel (sound)\$1.25 Animated drawings describe North America during the period of discovery and exploration from 1492 to 1700. Sequences include paths followed by explorers seeking new routes to the East; the Spanish conquests; early northeast trade routes; and mid-continent developments.
Carly Settlers of New England (Salem 1626-1629). CS-18. 1 reel (sound)
Familiar Patriotic Songs. KS-65. 1 reel (sound)\$1.25 A typical community sing film including the following songs: Sing America Sing, Yankee Doodle Dandy, My Own American Home, You're A Grand Old Flag, You're My Uncle, and America the Beautiful.
Flatboat Pioneers. CS-43. 1 reel (sound)\$1.25
Flatboat Pioneers. CS-43. 1 reel (sound)
The Flag Speaks. JS-12. 2 reels (sound-color)\$5.00
Presents the flag of the United States of America and the freedoms for which it stands. The struggles to establish and maintain national unity. How to display and honor the flag properly. The appeal of the flag to the many diverse groups in the United States.
Sive Me Liberty IS 2 2 reals (sound color) 95.00
The scene is Virginia, 1765, just after the King's tax proclamation has been read and the legislature is in an uproar. Ensuing events lead to a protest meeting of patriots at Richmond, at which Patrick Henry delivers his "Give Me Liberty" speech. The story is fictionized, but the speech is delivered authentically and in full.

The Industrial Revolution. CS-50. 1 reel (sound)
The Kentucky Pioneers. CS-25. 1 reel (sound)
Note: Each two-reel part may be ordered separately for \$2.50. Part 1. Early colonial history and the development of the Republic to 1805\$2.50 Part 2. History of the U.S. from 1805 to 1860
Lincoln in the White House. JS-4. 2 reels (sound-technicolor)\$5.00 Soon after making his inaugural address, Lincoln is informed that Fort Sumter has been fired upon. He prays for guidance, and for the duration of the war refuses to think of peace without the certainty of a free and undivided nation. The Gettysburg Address.
Man Without a Country. JS-5. 2 reels (sound-technicolor)\$5.00 A dramatization of the famous story of Lieutenant Nolan who angrily curses the United States and says that he hopes never to see it again. The story of his lonely travels, although highly emotionalized, is a good dramatization of transition in American concepts of patriotism.
Monroe Doctrine. JS-10. 2 reels (sound-technicolor)\$5.00 Events leading to the Monroe Doctrine, its supporters, and its European opponents. Henry Clay's speech favoring aid to other Americas, and the President's proclamation. Later applications of the Monroe Doctrine to other situations. Theodore Roosevelt's "big stick" speech.
Old Glory. JS-11. 1 reel (sound-technicolor)
Our Bill of Rights. JS-1. 2 reels (sound)\$2.50 Recreates the forming and adopting of the first ten amendments, or the Bill of Rights, to the Constitution. The portrayals of James Madison, George Washington, Benjamin Franklin, John Randolph, Alexander Hamilton, and John Jay make this historic film very real.
Our Government. CS-30. 1 reel (sound)
The Perfect Tribute. KS-14. 2 reels (sound)\$2.50 A dramatization based on "The Perfect Tribute," a story by Mary Shipman Andrews, telling of Lincoln's composition of the Gettysburg Address, his subsequent disappointment at its reception, and its final appreciation by a wounded soldier.
A Planter of Colonial Virginia. CS-11. 1 reel (sound)\$1.25 An authentic study of the home life of planters of colonial times. Social, economic, and cultural aspects, including medical practice, social events, political issues, social strata, social controls, and food, shelter, and clothing.
Ring of Steel. DS-89. 1 reel (sound)

Romance of Louisiana. JS-6. 2 reels (sound-technicolor)\$5.00	
The story of the Louisiana Purchase, beginning with the Congressional argument about Louisiana in which a bill is passed to purchase it for not more than two million dollars. Monroe goes to France to deal with Napoleon, who needs money to wage war against England. Finally, Louisiana is purchased for fifteen million dollars, ratification takes place December 20, 1803, and the French officials retire at a ceremony in New Orleans.	
Servant of the People. KS-20. 2 reels (sound)\$2.50	
The story of the making of the American Constitution. The confusion that arose under the Articles of Confederation, the need for compromise, and the drafting of the Constitution at the Continental Congress.	
Song of a Nation. JS-7. 2 reels (technicolor)\$5.00	

Teddy the Rough Rider. JS-13. 2 reels (sound-color)\$5.00

This biography of Theodore Roosevelt from 1898 to 1914 shows his activity successively as President of the New York Police Commission; as Assistant Secretary of the Navy; his organization of the Rough Riders and participation in the Spanish-American War; his election as governor of New York State; his nomination and election to the Vice Presidency and Presidency of the United States. Throughout the film the impression is given of rugged and constructive honesty in his handling of self-seeking politicians, labor disputants, and un-American influences, both before and after the First World War.

Post-War Planning

The Battle is in Our Hands. US-82. 3 reels (sound)\$.50 Impact of the war on production in rural areas and how it can be met.

The World We Want to Live In. CS-37. 2 reels (sound)\$2.50

The growth of religious intolerance in the world today and how the National Conference of Christians and Jews, together with outstanding citizens, is trying to prevent its growth in America.

Information for Victory

Indiana University is one of the officially designated key centers in the national system of War Information Service.

Among the services directly related to war and kindred problems are the following:

On campus, exhibits and libraries

Correspondence courses for men and women in the armed services

Leadership training

Guides to study and public discussion

University extension classes in Indianapolis, Fort Wayne, East Chicago, South Bend, Jeffersonville, and other centers

University lectures Home study courses

Package libraries

Motion pictures

Lantern slides

Index

Page	Tage
About Faces14	Building a Bomber
Ack Ack	Building a Tank
Ack Ack	Building of Boys
Compass20	
Compass 20 Aerial Navigation—Radio Aids 20 Aerodynamics—Air Flow 20 Aerodynamics—Forces Acting on an	Campus on the March18
Aerodynamics—Air Flow20	Canadian Landscape
Aerodynamics—Forces Acting on an	Colortial Navigation—Charts 23
Airfoil	Canadian Landscape 6 Cancer, Its Cure and Prevention 14 Celestial Navigation—Charts 23 Celestial Navigation—Introduction and 23 Celestial Navigation—Introduction and 23
Aerodynamics—Problems of Flight20	Celestial Navigation—Introduction and
Aerodynamics—Theory of Flight21	Location of Celestial Points23
Air Poid Worden	Celestial Navigation - Principles of
Air Raid Warden's Report 4	Celestial Navigation - Position
Air Woman8	Finding on the Earth23
Aircraft Engines-Carburetion21	Centering Small Stock
Aerodynamics—Theory of Flight 21 Air Communiqué 21 Air Raid Warden 4 Air Raid Warden's Report 4 Air Woman 8 Aircraft Engines—Carburetion 21 Aircraft Engines—Elements of Electricity as Applied to Ignition Systems	Child Welfare in Sweden
	Child Went Forth18
tems	Celestial Navigation—Introduction and Location of Celestial Points
and Oiling Systems 21	Choose to Live14
Aircraft Hydraulic Systems—BC-1	Citizen's Armyb
Airplane21	Check Citizen's Army 66
Aircraft Propellers-Hamilton Hydro-	Clouds 23
matic Propeller - Theory and	Coal for Victory
Airplane 21 Aircraft Propellers—Hamilton Hydromatic Propeller — Theory and Operations 21 Aircraft Propellers — Principles and Types 21	Clouds Coal for Victory Coffee from Brazil to You Coffee from Brazil to You Colonial Expansion Colombia Community Sing Conquer by the Clock Conservation of Natural Resources Construction of a Light Airplane Control of Pneumonia Cotton from Seed to Cloth Countersinking, Counterboring, and Spotfacing Cutting a Keyway on a Finished Shaft Cotor of Reyway on a Finished Shaft Cotor of Reyway on a Finished Shaft
Aircraft Propellers — Principles and	Colonial Expansion31
Airplane Changes the World Man 21	Colombia29
Airplane Changes the World Map21 Airplane Hydraulic Brakes—Principles	Community Sing
of Operation21	Conquer by the Clock
Airplane Hydraulic Brakes — Types,	Conservation of a Light Airplane23
Construction, and Action22	Continent of South America29
Airplane Structures—Alighting Gear 22	Control of Pneumonia14
Airplane Hydraulic Brakes—Frinciples of Operation	Cotton from Seed to Cloth
struction22	Countersinking, Counterboring, and
struction	Countersinking, Counterboring, and Spotfacing Cutting a Keyway on a Finished Shaft. 26 Cutting a Taper with the Compound and with the Taper Attachment
	Cutting a Taner with the Compound
Airplane Structures—Static Testing 22 Airplane Structures—Structural Units —Materials and Loads for Which	Cutting a Taper with the Compound and with the Taper Attachment2
-Materials and Loads for Which	Cutting an External Acme Thread 25
Designed	Cutting an External National Fine
Designed	and with the laper Attachment
tion22	Cutting Keyways
Americana All	
Americans All 29 Angel of Mercy 13	Dangers in the Dark
Argentina (People of Buenos Aires) 29	The Day is New
Argentine Argosy29	Declaration of Independence
Argentina (People of Buenos Aires) 29 Argentine Argosy 29 Argentine Primer 29 Arm Behind the Army 10 Arts and Confr. of Maria	Dasnes, Hurdies, and Relays The Day is New
Arm Behind the Army10	Democracy in Action1
	Discovery and Exploration3
Atmospheric Proceure	Distance Races
Atlantic	Divide and Conquer Doping Technique
	Doping Technique
Balloons 18 Battle for Oil 10 The Battle is in Our Hands 33	Drilling and Tapping a Cast Steel
The Battle is in Our Hands 22	Drilling and Tapping a Cast Steel
	Valve Body2
Before the Doctor Comes	Valve Body2 Drilling, Boring, and Reaming Work
Beginning Tumbling16	Delling in Motel Wood or Plastics 2
Behind the Shadows14	Drilling to Layout and Spotfacing Cast
Riossings of Cross	Held in Chuck 2 Drilling in Metal, Wood, or Plastics 2 Drilling to Layout and Spotfacing Cast Iron Valve Body 2
Block That Termite 9	Early Settlers of New England3
Battle Of Brains 20	Reugdor
Bomber10	The Eves and Their Care
Bonds at War8	Fasing Turning Boring Grooving
Roy in Court	Chamfering on a Vertical Turret
Boy Who Saved a Nation	Lathe Using Two Heads2
14	Facing, Turning, Boring, Grooving, Chamfering on a Vertical Turret Lathe Using Two Heads
1972 29 1972 29 1972 29 29 20 20 20 21 22 23 24 25 27 27 27 28 29 20	Farm Front
Britain on Cuard	Farmers in a Changing World
Britain's Youth	A Few Ounces a Day

Page	
Fiesta of the Hills	Locating in C London Look to Lubricati
Fixed Gages	MacArth Machinin Block Machinin Man Wi
Foods and Nutrition 15 Food, Weapon of Conquest 11 For Health and Happiness 15 Forest Ranger 9 Four New Apple Dishes 15	Managin Manpowe Meat for Mexican Mexico
Page Page	Micromet Middle I Midway Milling Modern
Gardens of Victory 12 Give Me Liberty 31 Good Neighbors 30 Good Turns for Our Forests 9 Goofer Trouble 4 Grassland 9 Creat Laker 7	and Wav Modern
Goofer Trouble 4 Grassland 9 Great Lakes 7 Growth of Cities 17 Guidance Problem for School and 18	Monroe Moscow- Mr. Pro
nome	National
Harvest for Tomorrow 12 Health in War 14 Heart Disease 14 Height Gages and Standard Indicators 25 Henry Browne, Farmer 12 Here is Tomorrow 17 17 17	Nautical Negro C Neighbor A New Nursing
Heritage 15 Hidden Hunger 15 High Spots of a High Country 30 The Hill Towns of Guatemala 30 Home Front 8	Of Pups Old Glor On the On the Orchids
Here is Tomorrow 17 Heritage 12 Hidden Hunger 15 High Spots of a High Country 30 The Hill Towns of Guatemala 30 Home Front 8 Home Nursing 13 The Home Place 17 Home on the Range 12 Homes for Defense 17 Hot Ice 16 How to Fly 23	Our Bill Our Fig Our Gov Our Neig Our Tee Overcom
In Every Day 14 In Old Guatemala 30 Indiana University Goes to War 18 Industrial Revolution 32 Into the Blue 23 Irrigation Farming 12 It's Up to Us 9	Paratroo People of People of Perfect Peru (People Plain Inc.)
	Plastics Pork on
Jane Brown Changes Her Job 8 Japanese Relocation 5 Japs Bomb U.S.A 5 Joan Avoids a Cold 14 Job to be Done 11 Jumps and Pole Vaults 16 Juvenile Delinquency 18	Posture Poultry: Power a The Power for
Keeping Fit	The Price of Principle Principle Teach
Labor of the Nation 11 Lake Carrier 11 The Land 9 Land of Liberty 29	Progressi R.A.F.
Land of Mexico 30 Land to Have and to Hold 17 Laying Out Small Castings 28 A Letter from Bataan 5	Rain on Ready or Reaming Reaming
Labor of the Nation 11 Lake Carrier 11 The Land 9 Land of Liberty 32 Land of Mexico 30 Land to Have and to Hold 17 Laying Out Small Castings 28 A Letter from Bataan 5 Life Saving 13 Lincoln in the White House 32 A Line from Yucatan 30 Listen to Britain 7 Livestock and Mankind 19	Report f Ring of Romance Rough Fa
Livertook and Mankind 19	Lath

Page
Locating Holes, Drilling, and Tapping
in Cast Iron 28 London Fire Raid 4 Look to Lockheed for Leadership 23 Lubrication 9
Lubrication9
Lubrication 9 MacArthur in the Philippines 5 Machining a Rectangular Cast Iron 26 Block 26 Machining a Tool Steel V Block 26 Man Without a Country 32 Managing the Family Income 17 Manpower 11 Meat for America 17 Mexican Murals 30 Mexican Builds a Democracy 30 Micrometer 24 Middle East 7 Middle East 7 Modern Weather—Theory and Structures of a Storm — Development and Characteristics of Atmospheric Waves 23
Machining a Tool Steel V Block26
Managing the Family Income
Meat for America
Mexico Builds a Democracy30 Micrometer 24
Middle East
Milling Machine
tures of a Storm — Development
Modern Weather-Incorv and Struc-
tures of Storms—Primary Circulation 24 Monroe Doctrine 32 Moscow—Heart of Soviet Russia 7 Mr. Proudfoct Shows a Light 4 Muddy Waters 9
Monroe Doctrine
Mr. Proudfoct Shows a Light4 Muddy Waters9
National Poultry Improvement Plan12
Nautical Astronomy
Neighbors Under Fire
National Poultry Improvement Plan. 12 Nautical Astronomy 24 Negro Colleges in Wartime 18 Neighbors Under Fire 4 A New Fire Bomb 4 Nursing 14
Of Pups and Puzzles 19 Old Glory 32 On the Road to Tomorrow 12 On the War Bond Front .9 Orchids 30 Our Bill of Rights 32 Our Fighting Allies—The Czechs .7 Our Government 32 Our Neighbors Down the Road 30 Our Teeth .15 Overcoming Limitations to Learning .19
On the Road to Tomorrow
Our Bill of Rights32
Our Fighting Allies—The Czechs7 Our Government
Our Teeth
Paratroops 24 People of Canada .7 People of Western China .7 Perfect Tribute .32 Peru (People of the Mountains) .30 Pig Projects Make Profits .13 Plain Indexing in Cutting a Spur Gear .26 Planters of Colonial Virginia .32 Plastics the Fourth Kingdom .20 Pork on the Farm .13 Pork on the Farm .16
Perfect Tribute
Pig Projects Make Profits
Planters of Colonial Virginia32
Pork on the Form
Plastics the Fourth Kingdom 20 Pork on the Farm 13 Posture and Exercise 16 Poultry: Billion Dollar Industry 13 Power and the Land 13 The Power Behind the Nation 9 Power for Defense 9 The Price of Freedom 0 The Price of Progress 10 Price of Victory 33 Principles of Flight 24 Principles of the Art and Science of Teaching 19
The Power Behind the Nation9
The Price of Freedom
Price of Victory
Principles of the Art and Science of
Progressive Education
R.A.F. Action
Ready on the Home Front4 Reaming with Straight Hand Reamers27
Reaming with Taper Hand Reamers27 Report from Moscow
Ring of Steel
Rough Facing and Boring and Turning a Shoulder on a Vertical Turret
Lathe26

Page	Page
Rough Facing, Turning, and Drilling on a Vertical Turret Lathe26	Tree in a Test Tube
Rough Turning Between Centers25 Royal Observer Corps	Turning a Taper with Tail Stock Set Over
	U.S. News Review No. 16
Safeguarding Military Information5 Salvage	U.S. News Review No. 2
Save a Day	Useful Knots24
School	Venezuela31
Science and Agriculture13	Venture Adventure24
Scotland Speaks7	Vernier Scale25
Scraping Flat Surfaces27	Village School
Servant of the People33	Vim, Vigor, and Vitamins16
Servicing the Aviation Spark Plug24	Vision for Victory
Shelter 17 Short Stops 10	Volley Ball for Boys
Shunter Black's Night Off	Volley Dail for Doys
Smallpox	War and Order8
Social Security for the Nation17	Wartime Factory
Song of a Nation33	Wartime Farming in the Cornbelt13
Soviet School Child19	Washington in War Time6
Spotting the Bomber5	We Won't Forget8
Spring Offensive	The Weather24
Steel Rule24	The WEFT System of Aircraft Identi-
Story of Rock Wool Home Insulation10	fication24
Straddle and Surface Milling to Close	Welfare of the Workers
Tolerance	Western Front8
Straddle Milling	White Battle Front
Sundays in the Valley of Mexico30 Swimming Techniques for Boys16	With These Weapons
Swimming Techniques for Boys16	Women Are Warriors8
T.V.A10	Women at War8
Tanks11	Women in Defense8
Target for Tonight7	Wood for War10
Teddy the Rough Rider33	Wooden Faces of Totonicapan31
That Children Must Learn19	Words for Battle8
They Also Serve8	Work of the Rescue Unit5
They Do Come Back	World at War8
The Thousand Days7	World We Want to Live In33
Thunder Over the Orient6	Worst of Farm Disasters
Time to Spare	
Tomorrow is Theirs19	Yesterday is Over Your Shoulder11
Touring Brazil30	You and Your Child18
Transfer of Skill11	Your Health Department