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Gorrell's History
of the
American Expeditionary Forces
Air Service
1917-1919



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Records of the American Expeditionary

Forces (World War I), 1917-23

Record Group 120

GORRELL'S HISTORY OF THE AMERICAN EXPEDITIONARY FORCES AIR SERVICE, 1917-1919

On the 58 rolls of this microfilm publication are reproduced 282 bound volumes of historical narratives, reports, photographs, and other records that document administrative, technical, and tactical activities of the Air Service in the American Expeditionary Forces. These records--originals, carbon copies, and transcribed copies--are part of Records of the American Expeditionary Forces (World War I), 1917-23, Record Group 120.

The American Expeditionary Forces Air Service

When Maj. Gen. John J. Pershing departed for France in May 1917 to command the American Expeditionary Forces (AEF), his staff included an aviation officer because, by that period of World War I, aviation had proved its utility as a means of war. Despite several reorganizations, changes in personnel, and redistributions of authority, the AEF maintained an air service until its demobilization and return to the United States during the summer of 1919. The AEF Air Service was ultimately responsible to the commander in chief of the expeditionary forces for the organization, training, supply, and employment of AEF aviation units that included observation balloons as well as airplanes. The evolution of the AEF Air Service organization can be traced in AEF General Orders, No. 8, 31, 46, and 80 of 1917, and 31, 81, and 157 of 1918.

At the time of the Armistice there were several Air Service headquarters, each with its own responsibilities. The command structure at that time generally corresponded to the separation of function and authority that prevailed during the existence of the AEF. The Chief of the Air Service at Pershing's General Headquarters (GHQ) determined overall policy and coordinated all Air Service operations in the AEF. The Assistant Chief of the Air Service at Tours, who worked in conjunction with the headquarters of the AEF Services of Supply (SOS), supervised training, construction of Air Service installations, general administration, and the Balloon Section. The Assistant Chief of the Air Service at Paris was in charge of supply, particularly the procurement of men, planes, and equipment from the United States and from the Allies. For combat operations, Air Service units were organized as integral parts of the armies, army corps, and divisions of the AEF. An Air Service headquarters in the Zone of Advance (ZA) supervised advanced training, coordinated tactical employment, determined the assignment of aviation units to the ground organizations, and assured that planes, personnel, supplies, and replacements reached the units needing them.

Air Service Historical Program

General Order 31, issued by GHQ, AEF, on February 16, 1918, required each major subordinate AEF organization to establish and supervise a historical section that would collect historical

data and keep a war diary. In compliance with this order, on May 11, 1918, the Chief of the AEF Air Service charged the Information Section of the Air Service with the task of compiling a history. Capt. Ernest L. Jones, head of the Information Section, was appointed Air Service historian. Historical work was an added duty for the Information Section, which continued its primary function of collecting from all available sources, and disseminating throughout the AEF Air Service, technical and tactical information of use to aviators and to ground personnel.

In May 1918, when the historical project was initiated, most Air Service activities were in the Zone of the Rear and under the authority of the SOS. At the end of September 1918, the Information Section received authority from Brig. Gen. Benjamin D. Foulois, Assistant Chief of the Air Service in the ZA, to extend its historical work to include Air Service activities in the ZA. The Information Section planned "to secure by letter, by interview, and aid of files and other records, the histories of all [Air Service] offices and organizations" in the ZA and the SOS. The Section had progressed toward this goal when the end of the war necessitated a more vigorous effort.

On November 19, 1918, the Chief of the Air Service sent telegrams to every Air Service organization, directing each to prepare a history and forward it to the Information Section. The Section acknowledged the histories it received and sent a second telegram to organizations that failed to promptly forward their histories. All Air Service units were instructed to send historical information before they dispersed, returned to the United States, or demobilized. One of Captain Jones' subordinates highlighted the difficulties encountered when he wrote shortly after the Armistice, "The Z. of A. has no further interest in the war. The squadrons have but one idea--getting home. Writing history does not appeal to them."

On December 4 Maj. Gen. Mason Patrick, Chief of the Air Service, ordered Col. Edgar S. Gorrell, Assistant Chief of Staff of the Air Service, to assemble a staff to complete the history and prepare the final report of the Chief of the Air Service. Gorrell's rank, position, and previous experience (Chief of the Air Service in the SOS from August 1917 to January 1918) lent authority and direction, previously lacking, to the task of compiling a history. Patrick also wanted to broaden the concept of the historical project. He instructed Gorrell to gather all information that would "assist in establishing Army aeronautics on a sound basis for the future." This would include not only unit and operational narratives but also considerable background data "which would leave unanswered no questions that might be asked concerning the Air Service in Europe."

Gorrell established a historical office in Paris, which was later moved to Tours, and utilized the personnel of several Air

Service administrative sections for historical work. All section chiefs and commanders of tactical units were asked for statements of lessons learned from their wartime experience and for a resume of their units' work that could be incorporated in the final history. Gorrell directed the Executive Section of the Air Service to prepare statistical information for the history; the Photographic Section to make and process still pictures; and Lt. Col. W. C. Sherman, Chief of Staff of the 1st Army Air Service, to prepare a tactical history of the AEF Air Service.

The Information Section was especially useful to Gorrell because of its previous historical work. In fact, that Section did most of the work on the history and was the unit to which all historical data eventually were sent. It assumed additional duties of soliciting, gathering, copying, collating, and indexing these data, as well as of editing and writing historical narratives. The size of the Section increased with its added duties. On December 31, 1918, 10 officers and several typists of the Information Section were working on the history. On January 9, 1919, the entire Section was temporarily transferred to the Office of the Assistant Chief of Staff of the Air Service (Gorrell's office) for historical work. By the end of January, 119 officers, enlisted men, and civilians of the Section were employed on the history.

The history was compiled, not written, by the Information Section. The Section prepared no single narrative systematically describing the evolution of the AEF Air Service. It collected and arranged narratives, some of which were written by members of the Section, and copies of documents to record the histories of Air Service organizations, programs, and operations.

On February 15, 1919, Gorrell presented to General Patrick at GHQ, AEF, the volumes that had been completed. Thereafter, with a greatly reduced staff, the Information Section continued to compile historical information, check facts and figures, and revise and correct previously written narratives until July 1919, when its files were forwarded to the Historical Section, Information Group, Office of the Director of the Air Service in Washington. The volumes presented to Patrick in February were returned to the United States with other GHQ, AEF, records in September 1919.

The Air Service Historical Section in Washington continued to revise and correct the Gorrell volumes and planned ultimately to publish them. The project was never completed; lack of funds required its cancellation in 1921. Thus, Patrick's final report as Chief of the Air Service (prepared by the Information Section, forwarded to General Pershing in March 1919, and published in February 1921 as Air Service Information Circular, volume II, No. 180) was the only historical publication resulting from Gorrell's efforts. In unpublished and abridged form, it is included as volume 29 in series A of this history. The 282

unpublished volumes of Gorrell's history, which includes the material prepared by the Information Section after Gorrell presented the original history to Patrick, remain the most nearly complete documentation of the history of the AEF Air Service.

Arrangement

The volumes reproduced in this microfilm publication are arranged in 18 series, designated A through R. The volumes in each series are numbered consecutively. The number of volumes in each series varies; series D, for instance, has only 2 volumes, while series I has 32. A listing of the contents generally appears at the beginning of each volume. A compiled set of these listings, for series A through N, appears as the volume index and is reproduced on roll 1 of this microfilm publication. Roll 1 also contains a partial name and subject index (series A through N, only), which gives references to series and volume and page numbers for each entry.

Contents

Series include documentation on broadly defined topics; the individual volumes contain documentation on one or more aspects of the broader topic. For example, series A covers Air Service organization. Volume 1 of this series contains reports on the early history of the Air Service organization in France and histories of the principal Air Service headquarters at Paris, Chaumont, Tours, and Beaumont Barracks. Volume 3 includes a report on the Air Service until July 31, 1918, and organization charts, tables of organization, and strength reports of Air Service units. Volume 7 includes studies, statistics, and reports on Air Service organization and production programs, such as the General Organization Project and the 202 Squadron Program.

Although most of the documentation in "Gorrell's History of the A.E.F. Air Service" contains administrative, organizational, or operational information, a significant amount of data relate to technological, sociological, and personal matters. Technical information, such as descriptions, drawings, and photographs of aircraft engines and other aircraft equipment and accessories, can be found in some of the volumes in series G, I, K, L, and M. Many of the histories of technical, administrative, and training organizations, as well as of tactical units, include personal accounts describing military service and it's effects on the individual pilot, airman, and mechanic. Several volumes in series M, especially volumes 9-12, also provide a more personal view of duty with the AEF Air Service.

A descriptive list of the contents of the volumes follows these introductory remarks.

Categories of Documentation

There are two categories of documentation included in the history: records created by Colonel Gorrell's group or created explicitly for its purposes, and records collected by that group, which earlier had been created by other Air Service and AEF units in the normal course of their activities.

Documents prepared by or for the Information Section include historical narratives (which vary greatly in accuracy and quality), commentaries, recommendations, statements of lessons learned, and reports by downed American aviators who were prisoners of war. Early in December 1918 the Section systematically began to solicit reports and statements that could be used for historical purposes from Air Service administrative and tactical units at all levels-from general headquarters to aero squadrons. Documentation collected by the Information Section for inclusion in the Air Service history included copies of final reports by unit commanders, narrative operations reports, statistical operations reports, confirmation reports on enemy aircraft and balloons downed by American aviators, correspondence, cablegrams, organization charts, tables of organizations, rosters, maps, photographs, special orders, general orders, operations orders, and administrative bulletins. In many cases, the copies of the documents included in this history are not originals or even carbons but are copies transcribed from the originals by Information Section typists.

In some cases, records of a particular physical kind are consolidated; e.g., the AEF general orders and bulletins in volume 10 and the cablegrams exchanged with the War Department in Washington in volumes 20-22 of series A. Generally, however, several physical kinds of records, historical narratives, and copies of original documents are combined to outline the history of a tactical unit, administrative organization, event, or Air Service program.

The amount and kind of documentation included in the history of a particular unit vary greatly. Some squadron histories, for example, are only single-page narratives. Others contain lengthy historical narratives, copies of administrative and operations orders, rosters, photographs of personnel, and even obituaries of pilots killed in action. Squadrons with considerable active service have more detailed histories than those that arrived in France shortly before the end of the war.

A few of the documents bear security-classification markings that were affixed to them at the time of their creation. None of the documents reproduced in this microfilm publication, however, are still security classified.

Related Records

Related records among Records of the American Expeditionary Forces (World War I), 1917-1923, Record Group 120, include the major AEF Air Service correspondence series of the Chief of the Air Service, the Assistant Chiefs, and Air Service sections and divisions. This correspondence contains technical, administrative, personnel, and operational information. Administrative records created by Gorrell's unit and accumulated documentation from which the unit prepared the history comprise two series: special reports, histories, and other issuances relating to World War I Air Service offices, installations, and units; and miscellaneous records.

Among the Records of the Army Air Forces, Record Group 18, the 1917-38 general correspondence of the Office of the Chief of the Air Corps and the records of the Bureau of Aircraft Production, especially the "Historical File," contain documentation on aircraft production and Air Service mobilization, training, and organization in the United States, as well as on coordination between the AEF Air Service and War Department agencies concerned with aviation.

Timothy K. Nenninger wrote these introductory remarks and compiled the descriptive list of contents.

DESCRIPTIVE LIST OF VOLUME CONTENTS

The information given for a particular volume describes in general the contents of the volume but does not necessarily reflect all the documentation contained in the volume. For instance, a volume described as the history of an organization may contain narratives about and copies of records created by that unit. It may also document the histories of its subunits, which are not identified in the list below. The history of an administrative or technical section may include documentation describing technical equipment or processes of interest to that section, as well as narratives describing the operation of the section itself. Multiple listings are included only for volumes that contain information on several important or disparate subjects or on more than one unrelated organization. The two index volumes preceding series A and the list of contents at the beginning of each volume of the history should be consulted for more detailed descriptions of the contents.

Series A: Early History and General Organization of the AEF Air Service

Volume No.	Contents
1	Report on the organization of the AEF Air Service.
	History of the early activities of the AEF Air Service.
	Air Service lessons learned during the present war, by Brig. Gen. Benjamin D.
	Foulois, Jan. 29, 1919.
	Histories of Air Service headquarters at
	Paris, Chaumont, Tours, and Beaumont
_	Barracks.
2	Histories of the Bolling mechanics, the
	Joint Army-Navy Aircraft Board, and the
	Interallied Aviation Committee.
	Reports on the establishment of Air
3	Service headquarters overseas. Report of the Air Service to July 31, 1918.
J	Statistical information on AEF Air Service
	organization.
4	Weekly progress reports on Air Service
•	activities, June 30-Oct. 30, 1918.
	Information on accidents, casualties,
	supplies received, squadron locations and
	strength, operations, and fatalities per
	flying hour.
5	Weekly progress reports on Air Service
	activities, Nov. 6 and 11, 1918.
6	Weekly progress reports on Air Service
	activities, Dec. 11 and 25, 1918, and
	Jan. 8, 1919.

Volume No	Contents
7	Histories of various AEF Air Service
8	organization projects. History of the Air Service Advance Section in the Zone of Advance.
9	Office memorandums of the Office of the Chief of the AEF Air Service, Sept. 1917-
10	Jan. 1919. General orders and bulletins of GHQ, Line of Communications, Service of the Rear,
11	and SOS, 1917-19. History of the Coordination Staff and the Executive Section, AEF Air Service.
12	Tables of organization for units of the AEF Air Service.
13	AEF Air Service Station Lists 1-50, Feb. 1918-Jan. 1919.
14	Suggested changes in Air Service tables of organization.
15	Reports by Air Service officers on lessons learned during the war.
16	Short histories of Air Service technical and administrative organizations.
17	Cablegrams exchanged between GHQ and SOS, AEF, and the War Department relating
18	to airplanes and engines. Cablegram exchanges between GHQ and SOS, AEF, and the War Department relating to
19	equipment and personnel. Monthly and weekly reports of the Director of Military Aeronautics in Washington, D.C., to the Chief of the AEF Air Service,
(The eables d	AprNov. 1918.
	escribed in the following three volumes I with the War Department in Washington
	aeronautical topics.)
20	Cablegrams sent by the SOS (S series). Cablegrams received by the SOS (X series). Courier cablegrams sent by the SOS (CS series). Courier cablegrams received by the SOS (CX series).
21	Cablegrams sent by Colonel Bolling (E series). Cablegrams sent by GHQ, AEF (P series). Courier cablegrams sent by GHQ, AEF (CP series).
22	Cablegrams received by GHQ, AEF (A series). Courier cablegrams received by GHQ, AEF (CA series).

Volume No.	Contents
23	Air Service organization tables and correspondence and reports on organization tables.
24-26	Organization charts, tables of organization, maps, flow charts, and descriptions of functions of various Air Service offices, programs, and organizations.
27	Notes on proposed changes in Air Service tables of organization.
28	Recording and accounting for the Air Service property developments in the AEF.
29	Final report of the Chief of the Air Service, American Expeditionary Forces, Maj. Gen. Mason Patrick, sometime in early 1919.

Series B: Air Service Activities With the French, British, and Italians

Volume No.	Contents
1	History of the Air Service in Italy and of American pilots on the Italian front.
2	History of the Air Service in Great Britain.
3	History of the American Aviation Office in London.
	Technical data, specifications, and photographs of airplanes, engines, and instruments.
4	History of the Air Service Flying Training Department in England.
5	History of the training of American Air Service mechanics in England.
6	History of the Night Bombardment Section in France. History of the Handley-Page program. History of the Strategical Section, AEF Air Service.
7	Statistical analysis of aerial bombardment prepared by the Statistical Branch of the War Department General Staff.
8	Schedule of spare parts for Handley-Page bombing machine, prepared by the British Air Ministry.
9	Development of the Handley-Page program in England.
10	Plans and specifications for the con- struction of Royal Flying Corps facilities.

Volume No.	Contents
11	Instructions for Air Service Personnel Training in England, prepared by GHQ, AEF.
12	Histories of American personnel who served with the Lafayette Flying Corps, French Air Service, British Independent Air Forces, and Royal Air Forces.
13	Individual combat records of American pilots serving with the Royal Air Force.
14	Histories of the American Liaison Section and the French and British Missions at Air Service headquarters in Tours.
15	Summary of Italian aviation training.

Series C: Tactical Units

Volume No.	Contents
1	Early history of Air Service commands at the front (Chateau-Thierry campaign).
2	Operations reports, bulletins, and memorandums of the 1st Army Air Service and the Army Group Air Service, July-Nov. 1918.
3	1st Army Air Service operations reports.
4	<pre>lst Army Air Service periodic operations reports, operations memorandums, field orders, and battle orders.</pre>
5	History of 2d Army Air Service.
6	History of 3d Army Air Service.
7	Histories of the lst Army Observation Wing and the lst Pursuit Wing.
8	Histories of the 1st and 2d Bombardment Groups and the 1st and 2d Army Observation Groups.
9	History of the 1st Pursuit Group.
10	History of the 2d Pursuit Group.
11	Histories of the 3d-5th Pursuit Groups.
12	Histories of I Corps Air Service and I Corps Observation Group.
13	Operations reports for the III Corps Air Service and the 3d Observation Group.
14	Reports on the IV-VIII Corps Air Services and the 4th-6th Observation Groups.
15	Notes on recent Air Service operations: general principles, observation, pursuit, day bombardment, and balloons, by GHQ, AEF, Mar. 1919.

Series D: Tactical History

Volume No.	Contents
1	Tactical history of the AEF Air Service.
2	List of Air Service units assigned to tactical operations. Table showing changes of station for Air Service units assigned to the armies before Nov. 11, 1918.

Series E: Squadron Histories

Volume No.	Contents
1	1st and 8th Aero Squadrons.
1 2 3 4	9th and 10th Aero Squadrons.
3	11th-13th Aero Squadrons.
4	16th, 17th, and 19th-21st Aero Squadrons.
5	22d-24th Aero Squadrons.
6	25th-27th Aero Squadrons.
7	28th, 30th-37th, 41st, and 43d Aero Squadrons.
8	47th, 49th, and 50th Aero Squadrons.
9	72d, 73d, 85th, 86th, and 88th-90th
	Aero Squadrons.
10	91st Aero Squadron.
11	93d Aero Squadron.
12	94th Aero Squadron.
13	95th Aero Squadron.
14	96th Aero Squadron.
15	97th-102d Aero Squadrons.
16	103d Aero Squadron.
17	104th, 105th, 120th, 135th, 137th-139th,
	141st, and 142d Aero Squadrons.
18	147th Aero Squadron.
19	148th Aero Squadron.
20	149th, 151st-155th, 157th-159th, 161st-
	163d, 165th, 166th, 171st-174th, 176th,
	182d, 184th-186th, 188th, and 199th Aero
	Squadrons.
21	213th Aero Squadron.
22	222d, 223d, 227th, 247th, 248th, 257th-
	261st, 264th, 266th, 267th, 269th, 270th,
	278th, 281st, 309th, 334th, 338th, 341st,
	350th, 351st, 353d, 354th, 369th, 370th,
A.m.	and 372d-376th Aero Squadrons.
23	400th, 462d-470th, 474th, 477th, and
•	480th-500th Aero Squadrons.
24	636th-646th, 648th-650th, 655th-660th,
	and 667th Aero Squadrons.

Volume No.	Contents
25	800th-803d, 805th, 806th, 825th-830th, 835th, 837th, 840th, 875th, 1099th, 1101st-1108th, and 1111th Aero Squadrons.
26	Supplemental histories for the 23d, 35th, 151st, 168th, 174th, 247th, 264th, 488th, 499th, 500th, and 1102d Aero Squadrons; 2d Air Service Casual Company; and the 19th, 21st, and 22d Photo Sections.
27	Supplemental histories for the 10th, 27th, 30th, 31st, 36th, 37th, 43d, 50th, 73d, 85th, 103d, 137th, 142d, 148th, 158th, 173d, 174th, 182d, 184th, 341st, 351st, 373d, 374th, 376th, 463d, 469th, 636th, 640th, and 646th Aero Squadrons; 1st and 6th Air Service Casual Companies; 12th and 462d Aero Squadrons; 23d Photo Section; IV Corps Air Service; 1st-3d, 6th, 9th, 11th-13th, 15th, 16th, 30th, 36th, and 69th Balloon Companies; and the 17th Company of the 2d Regiment Air Service Mechanics.

Series F: Balloon Section

Volume No.	Contents
1	History of the Balloon Section, AEF Air Service.
	Statistical reports on balloons and
	balloon companies. Reports on balloons with the 1st and 2d
	Armies and in the St. Mihiel and Meuse-
•	Argonne operations.
2	History of the Balloon School at Souge. Tactical history of the Balloon Section.
3	Reports on the supply and equipment of balloon units.
	Reports of the Hydrogen Officer of the Balloon Section.
	Forms used by the Balloon Section.
	Decoration citations for balloon officers.
	Extracts from GHQ, AEF, cablegrams re-
	lating to balloons.
	Report on a conference of balloon field
	officers, Jan. 13, 1919.
4	AEF Balloon Notes 1-17, Dec. 3, 1917- Dec. 30, 1918.
5	History of balloons in the 1st Army.

Volume No.	Contents
6	Histories of the 1st-20th, 23d- 26th, and 30th Balloon Companies; Bal- loon Wing Companies A-F; and the
7	Balloon Field at La Testa. Histories of the 34th-36th, 42d-45th, 101st, and 102d Balloon Companies.

Series G: Photographic Section

Volume No.	Contents
1	History of the Photographic Section. Manual for photographic officers. History of the Photographic Section in the Zone of Advance. Notes on aerial photography.
2	History of aerial cameras in airplanes. History of the Photographic Supply Section
3	Aerial photographs of the Chateau-Thierry
J	sector.
4	Histories of the 1st-26th and 101st-109th Photographic Sections; Photographic Detachment of the 5th Artillery Aerial Observation School; and Photographic Supply Section.
5	Documentary history of the Photographic Section.
6	Report on German camouflage in the Pont- a-Mousson-Nomeny-Pontoy-Vittonville area.
7	Report on the suspension of aerial cameras in airplanes. History of the Aerial Photography School at the 2d Aviation Instruction Center.

Series H: Mechanics Regiments

Volume No.	<u>Contents</u>
1	History of the 1st Air Service Mechanics Regiment.
2	History of the 2d Air Service Mechanics Regiment.
3	History of the 3d Air Service Mechanics Regiment.
4	History of the 4th Air Service Mechanics Regiment.
5	Histories of the 1st-6th Air Parks and the 1st, 3d, 11th, 12th, and 16th Construction Companies.

Series I: Paris Headquarters and Supply Section

Volume No.	Contents
1	History of the Air Service Headquarters in Paris.
2	History of the Aircraft Armament Section.
3	Manual of Initial Equipment and General
-	Information for Service Squadrons in the Air Service, AEF.
4	Documentary history of the General Con-
	trol Branch of the Aircraft Armament
	Section, including estimates of equipment
	needed; "Conspectus of Aerial Armament,
	May 15-November 1, 1918"; equipment book-
	lets; "Instructions to Aircraft Armament
5	Officers"; and weekly reports. Exhibits of the Supply Branch and Per-
3	sonnel Unit of the Aircraft Armament
	Section.
6	History of the Equipment Branch of the
-	Aircraft Armament Section.
7	Minutes of the conferences of the Aircraft
	Armament Section.
8	History of the Administration Section,
	Headquarters, AEF Air Service, in Paris.
9	Histories of the Material Division and
	Supply Section and of supply depots and
10	aviation clearance offices.
10	Histories of the Oxygen Equipment, Purchasing, Hangar, Airplane and Motor,
	Transportation, Information, and Equip-
	ment Manual Divisions of the Supply
	Section.
11	History of the Production and Maintenance
	Division of the Supply Section.
12	History of the Supply Department of the
	Production and Maintenance Division of
1 77	the Supply Section.
13	Histories of the Engine Repair and Machine Shops, Powerplant Department, DH-4 As-
	sembly Department, and Caproni Plane
	Department of the Production and Main-
	tenance Division of the Supply Section.
14	Histories of the Salvage and Repair,
	Armament, and Radio Departments of the
	Production and Maintenance Division of
	the Supply Section.
15	Histories of the Inspection Department
	of the Production and Maintenance Division of the Supply Section and of the
	Production and Maintenance Division in
	the Zone of Advance.

Volume No.	Contents
16	Histories of the Office Record, Personnel, Production, and Statistics Departments of the Production and Maintenance Division of the Supply Section. Reports on proposed assembly plants.
17	Reports on French and British aircraft engines and engine repair shops.
18	History of Air Service Production Center No. 2 at Romorantin.
19	Reports on base shops, administrative departments, and plants at Air Service Production Center No. 2, Romorantin.
20	Reports on the Powerplant, Aero Instrument, Armament, and Inspection Departments of Air Service Production Center No. 2, Romorantin.
21	History of American Aviation Acceptance Park No. 1 at Orly.
22	Histories of Air Service Spare Parts Depot at Chatenay-sur-Seine, Advanced Air Service Depot at Behonne, and 5th Air Depot at Vinets.
23	History of the 1st Air Depot at Colombey- les-Belles.
24	History of the Disbursing and Legal Division.
25	Copies of principal AEF Air Service contracts.
26	History of the London Branch of the Supply Section. History of the Liquidation Board of the AEF Air Service. Tentative Equipment Manual for Service Squadrons, Apr. 20, 1918.
27	History of the Printing Shop of the Supply Section.
28	D'Aubigny report on aviation: Franco- American agreements on aircraft procure- ment.
29	History of the Salvage and Repair Division of Supply Section, Nov. 1918-May 1919.
30	History of the 1st Air Depot, Nov. 1918-May 1919.
31	Notes and photographs on Air Service supply.
32	History of the Aircraft Armament Section, Nov. 1918-Apr. 1919.

Series J: Training

Volume No.	Contents
1	History of the Training Section.
2	Cablegrams and reports on personnel arriving from the United States. Training time. Weekly progress reports of the Training
~	Section, May-Dec. 1918.
3	History of aerial observation training in the AEF.
4	Report on day bombardment training in the AEF.
5	Report on night bombardment training in the AEF.
6	Reports on aerial gunnery, navigation, and pursuit training.
7	Histories of the 1st (Paris), 2d (Tours), 4th (D'Avord), 7th (Clermont-Ferrand), and 8th (Foggia, Italy) Aviation Instruc- tion Centers.
8	Photographic record of the 2d Aviation Instruction Center.
9	History of the 3d Aviation Instruction Center at Issoudun.
10	Histories of the 5th (Bron) and 6th (Pau) Aviation Instruction Centers, Cazaux Aviation Instruction Center, St. John- De-Monts Aerial Gunnery School, 1st-5th Aerial Observation Schools, I and II Corps Aeronautical Schools, and detach- ments at the Artillery Candidates School, and French, English, and Italian Aviation Schools.
11	Photographic record of the 3d Aviation Instruction Center.
12	Notes, problems, and exercises on infantry liaison with aircraft.

Series K: Technical Section

Volume No.	Contents
1	History of the Technical Section.
2	Inspection reports of airplanes and motors received from the French. Report by the Order and Acceptance Division of the Supply Section. Report on the functions and organization of the Technical Section. Reports on aircraft in use at the time of the Armistice.

Series L: Miscellaneous Sections of the Air Service

Volume No.	Contents
1	History of the Personnel Section.
2	History of the Air Service Replacement
3	Concentration Barracks at St. Maixent. Histories of the Radio Section, Medical Research Board, Air Service Medical Con-
	sultant, and American Medical Officer with the Royal Air Force.
4	History of the Information Section.
7	Indexes to Air Service Bulletin.
	Examples of Information Section publica-
	tions.
5	Air Service Bulletins 1-50.
6	Air Service Bulletins 51-100.
7	Air Service Bulletins 101-150.
8	Air Service Bulletins 151-200.
9	Air Service Bulletins 201-250.
10	Air Service Bulletins 251-320.
11	History of the Design and Projects Sec-
	tion of the Construction Division.
12 & 13	Photostats, maps, and photographs accompanying the history of the Design and
	Projects Section.
14	Maps of airdrome locations.

Series M: Miscellaneous

Volume No.	Contents
1	Air intelligence compiled by the G-2-A-7 Section, General Staff, GHQ, AEF.
2	Air intelligence compiled by the G-2-A-7 Section and reports on the functioning of that section.
3	Maps of France.
3 4 5	Report on Air Service paperwork.
5	Titles for motion pictures of Air Service subjects. Titles for still pictures of Air Service subjects.
6 & 7	Photographs of Air Service subjects. Titles for still pictures of Air Service subjects. Photographs of Air Service subjects.
8	Miscellaneous histories: supply of linen for airplanes; the AEF Air Service and propaganda against the enemy; searchlights; Air Service project at Dijon; Air Service detachment at Hill 402; liaison instruction by the 50th Aero Squadron; and the Meteorological Service.

Volume No.	Contents
9	Histories of welfare associations with the Air Service.
10	Narratives of experiences of Air Service officers who were prisoners of war in Germany.
11	Air Service poems and cartoons.
12	Copies of newspapers published by Air Service units.
13	Drawings of squadron insignia, other AEF unit insignia, aircraft acrobatics, "remarkable feats and battles," and photographs of American airdromes.
14	Summary of Air Information, Nos. 1-103, issued by G-2, GHQ, AEF, May-Nov. 1918.
15	Maps showing location of enemy airdromes. Survey of German Tactics, issued by G-2, GHQ, AEF. Photographs and technical information on Allied and German aircraft.
16	History of the Air Service. Special aviation maps. Station lists for Air Service units, Oct Dec. 1918. Histories of the Beaumont Detachment of Aviation Cadets, 1st Detachment of Aerial
17 & 18	Observers, and rest chateaus. Pictorial history of the Air Service:
19	group photographs. Photographic history of the 7th Aviation Instruction Center.
20	Photographs taken at the 1st Air Depot (continued in vol. 31).
21	Photographs of airplanes and aircraft engines, equipment, and accessories.
22	Photographs of the St. Cyr and Orly air- craft salvage depots.
23 24 & 25	Photographs taken at Orly Field. Technical photographs: aircraft engines, armament, and equipment.
26	Photographs of Air Service officers.
27	Photographs of DeRam Factory and Cazaux French Seaplane School.
28	Photographs taken at the Romorantin and Gievres balloon assembly plants.
29	Photographs taken at Camp De Meucon and St. Jean aerial observation schools.
30	Photographs of American airdromes.
31	Photographs of the 1st Air Depot (continued from vol. 20).
32	Photographs of the II Corps Aeronautical School.

Volume No.	Contents
33	Photographs of the 3d Aviation Instruction Center.
34	Photographs of Photographic Section activities and the Aviation Supply Section.
35	Photographs taken at 1st Army Headquarters at Souilly, Air Service Headquarters at Tours, and GHQ, AEF, at Chaumont.
36	Miscellaneous photographs: operations maps, statistical operations charts, aircraft, groups, and squadron insignia.
37	Photographs of Supply Depot No. 1, American Aviation Acceptance Park No. 1, and 1st and 4th Artillery Observation Schools.
38	Compilation of confirmed victories and losses of the AEF Air Service as of May 26, 1919.
39	History of the Air Service, SOS (some text, but mostly photographs, including 49 of aircraft).
40-42	History of radio training in the AEF Air Service.
43	Name and subject index to AEF cablegrams relating to aeronautical subjects.
44	Cablegrams exchanged with the War Department relating to aircraft, equipment, and personnel.
45	Cablegrams relating to the liquidation of the AEF Air Service, FebApr. 1919.
46	Manual for Air Depot, Apr. 30, 1919.
47	Method of observation practiced with the V Corps, SeptNov. 1918. Reports on the visibility of various uniforms.
48	Report by G-2, GHQ, AEF, on the organization of the German Air Service.

Series N: First Army Material (Some documentation included in these volumes duplicates documentation included in the volumes of series C and E.)

Volume No.	Contents
1	History of Air Service operations with the 1st Army.
2	Orders, memorandums, and periodic reports of the 1st Army Air Service.
3	History of balloon operation with the lst Army.
4	History of 1st Pursuit Group operations.

Volume No.	Contents
5	Histories of 27th and 94th Aero Squadron operations.
6	Histories of 95th, 147th, and 185th Aero Squadron operations.
7	History of 1st Pursuit Wing operations.
8	History of 2d Pursuit Group operations.
9	Histories of 13th and 22d Aero Squadron operations.
10	Histories of 49th and 139th Aero Squadron operations.
11	History of 3d Pursuit Group operations.
12	History of 28th Aero Squadron operations.
13	History of 103d Aero Squadron operations.
14	History of 213th Aero Squadron operations.
15	History of 1st Day Bombardment Group operations.
16	Histories of 11th, 20th, 96th, and 166th Aero Squadron operations.
17	Histories of I Corps Observation Group and 1st, 12th, and 50th Aero Squadron operations.
18	Histories of 3d Observation Group and 18th and 90th Aero Squadron operations.
19	Histories of V Corps Air Service and 93d, 99th, and 104th Aero Squadron operations.
20	Histories of 1st Army Observation Group and 9th Aero Squadron operations.
21	Histories of 24th and 91st Aero Squadron operations.
22	Histories of V Corps Observation Group, 2d Air Park, Observation Wing, and III Corps Air Service operations.
23	History of I Corps Air Service operations.
24	Supplementary history of the 1st Army Air Service, Nov. 1918-Apr. 1919.
25	Daily operations reports of the 2d Army Air Service.

Series O: Weekly Reports

Volume No.	Contents
1-31	Weekly statistical reports on progress of Air Service activities, Oct. 1918- May 1919.

Series P: Third Army

	Volume No.	Contents
	1	History of Headquarters, 3d Army Air Service.
	2	History of Air Service units attached to the 3d Army.
Series Q:	Air Service Liquidation	
	Volume No.	Contents
	1-5	Monthly reports on AEF Air Service liquidation and demobilization, Nov. 1918-Mar. 1919.
Series R:	Investigation	of Damage Done by Allied Bombing
	Volume No.	Contents

CONTENTS

CONTENTS		
<u>Ro11</u>	Series and Volumes	
1	Index volumes	
	A, vols. 1-3	
2	A, vols. 4-8	
3	A, vols. 9-12	
4	A, vols. 13-17	
5	A, vols. 18-20 A, vols. 21	
6 7	A, vols. 21 A, vols. 22	
8	A, vols. 22-29	
9	R vols 1-4	
10	B, vols. 1-4 B, vols. 5-7	
11	B, vols. 8-15	
12	C, vols. 1-3	
13	C, vols. 4-7	
14	C, vols. 8-11	
15	C, vols. 12-15	
16	D, vols. 1 and 2	
	E, vols. 1-3	
17	E, vols. 4-7	
18	E, vols. 8-11	
19	E, vols. 12-15	
20	E, vols. 16-20	
21	E, vols. 21-27	
22	F, vols. 1-4	
23	F, vols. 5-7	
24	G, vols. 1-7	
25	H, vols. 1-5 I, vols. 1-5	
26	1, VOIS. 1-5	
27	I, vols. 6-8	
28	I, vols. 9-12	
29	I, vols. 13-15 I, vols. 16-20	
30 31	I, vols. 21-23	
32	I, vols. 24-27	
33	I. vols. 28-32	
34	I, vols. 28-32 J, vols. 1-3	
35	J, vols. 4-7	
36	J, vols. 8-12	
37	K, vols. 1 and 2	
	L, vols. 1-4	
38	L, vols. 5-8	
39	L, vols. 9-11	
40	L, vols. 12-14	
	M, vols. 1 and 2	
41	M, vols. 3-5	
42	M, vols. 6-11 M. vols. 12-14	
43		
44	M, vols. 15-24	

<u>Ro11</u>	Series and Volumes
45	M, vols. 25-35
46	M, vols. 36-43
47	M. vols. 44-48
48	N, vols. 1-3
49	N. vols. 4 and 5
50	N. vols. 6-8
51	N. vols. 9-11
52	N. vols. 12-16
53	N. vols. 17-19
54	N, vols. 20-23
55	N. vols. 24 and 25
	0, vols, 1-10
56	0, vols. 11-23
57	0, vols, 24-31
	P. vols. 1 and 2
58	0, vols. 1-5
•	R. vols. 1 and 2