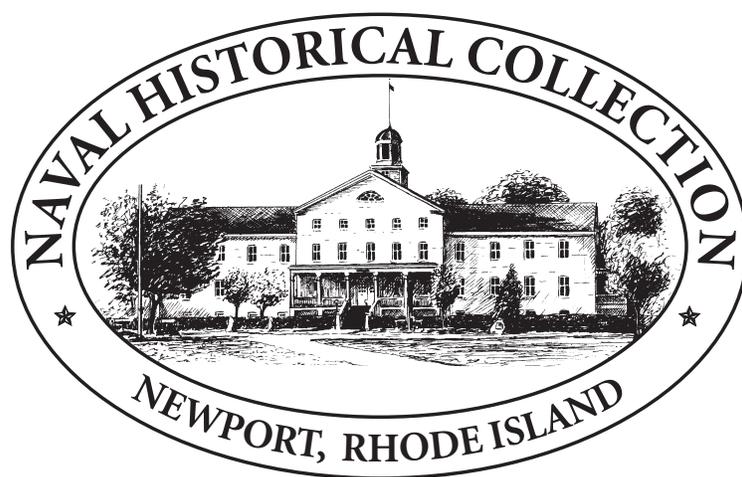


Register of the William L. Mullin Papers



**Naval War College
Newport, RI**



REGISTER OF THE PAPERS OF WILLIAM L. MULLIN

**Compiled by
John B. Hattendorf, D. Phil.**

**Manuscript Register Series
No. 3**

**Naval Historical Collection
Naval War College, Newport, R.I.
1981**

Manuscript Register Series

Every archival repository seriously committed to the support of scholarship is obliged to assist researchers in the use of holdings. One universally accepted means to this end is the manuscript collection register. The register is a finding aid. It describes the collection in concise terms with particular emphasis on arrangement.

Ideally, registers should be prepared for all manuscript collections. Circumstance and good sense, however, dictate otherwise for most repositories. Limited professional personnel, routine operational demands and collateral responsibilities militate against comprehensive programs. Consequently, manuscript collection registers are prepared on a highly selective basis and when conditions will permit.

The publication of manuscript collection registers by the Naval War College Naval Historical Collection is in keeping with the policy of the College to encourage legitimate research in its historical source materials. Publication is supported, in part, by the Naval War College Foundation, Inc.

Anthony S. Nicolosi
Director
Naval Historical Collection

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BIOGRAPHICAL SKETCH

William Lawrence Mullin was born on 16 April 1906 in Chicago, Illinois, the son of William Mullin, DDS, and Milada Mullin. He attended Lyons Township High School, LaGrange, Illinois, and studied history at the University of Michigan, 1923-1926, where he was also active in sports and was business manager of the University's daily newspaper and literary magazine. After leaving the University, he worked for the *Los Angeles Times*, *Chicago Daily Journal*, *Cross*, *Ray and Harris*, *John E. Lutz Co.*, *The Wall Street Journal*, *The McCall Corporation* and, from 1959 to 1966, "Million Market Newspapers." He was married to Marcia Heinemann Mullin.

Mullin joined the U.S. Naval Reserve in the Second World War and served as an Intelligence Officer in the South West Pacific area. He was awarded the Bronze Star Medal for meritorious service as Air Combat Intelligence Officer on the staff of Commander, Aircraft, Seventh Fleet and for temporary duty from that staff as Air Combat Intelligence Officer for Patrol Bombing Squadron 33. In addition, he was awarded the Air Medal for five combat flights between 12-22 January 1945 and a Gold Star in lieu of a second Air Medal for seven combat flights between 24 January and 3 February 1945.

He died in Chicago, Illinois, on 11 July 1966.

CHRONOLOGY OF NAVAL SERVICE

1943, Apr 22 Applied for commission in the U.S. Naval Reserve.

1943, July 3 Appointed Lieutenant (JG), A-V(S), USNR. To rank from 25 June 1943.

1943, July 12 Sworn into service.

1943, Sept 25 Requested active duty and assignment to Indoctrination School, Quonset Point, NAS.

1943, Sept 27 Ordered to report to Indoctrination School, Quonset Point, NAS.

1943, Nov 1-Dec 23 Under instruction, naval Training School (Indoctrination), for Aviation Volunteer (Special), Class 2-44.

1943, Dec 24-1944, Jan 4 On leave.

1944, Jan 5-Mar 18 Under instruction, Naval Air Combat School, NAS, Quonset Point, RI.

1944, Mar 19-Apr Leave and travel. Reported to Commandant, Twelfth Naval District, San Francisco, for transportation.

1944, Apr 6 Embarked in USS GEORGE O. SQUIER for transportation to South West Pacific.

1944, Apr 7 Departed San Francisco.

1944, May 1-5 In port, Kana Kope, New Guinea.

1944, May 5-7 In port, Gamadodo, New Guinea.

1944, May 7-8 In port, LaDava, New Guinea.

1944, May 8 Left ship, traveled by air to Brisbane, Australia.

1944, Sept 18 Received orders to report to Seventh Fleet Intelligence Center for duty.

1944, Sept 28-Oct 4 On board USS MIZAR for transportation.

1944, Oct 5 Reported to Commander, U.S. Seventh Fleet Intelligence Center.

1944, Nov 26-Dec 1 On board USS LAMPSON (DD-367) for transportation. Sailed from Hollandia, New Guinea.

1944, Dec 1-5 Reported to Commander Aircraft, Seventh Fleet.

1944, Dec 5 Detached from staff Commander Aircraft, Seventh Fleet for further duty with VPB-33.

1944, Dec 8 Reported for temporary duty, VPB-33.

1944, Dec 30 1945, Jan 5 Taclaban, Leyte.

1945, Jan 5-6 Peleliu.

1945, Jan 6 Owi.

1945, Jan 6-7	Woendi.
1945, Jan 8-Feb 16	Los Negros.
1945, Jan 12-22	Participated in five combat flights.
1945, Jan 24-Feb 3	Participated in seven combat flights.
1945, Feb 1	Promoted to Lieutenant, USNR, S(I).
1945, Feb 12	Received confidential verbal instructions and ordered to proceed to Navy 134.
1945, Feb 16-Apr 5	Brisbane.
1945, Apr 6-9	Biak.
1945, Apr 9	Taclaban, Leyte.
1945, Apr 10	Completed temporary duty, returned to Seventh Fleet staff.
1945, Apr 29	Detached and ordered to temporary duty with Commander Aircraft, Seventh Fleet.
1945, Apr 30	Reported for temporary duty with Commander Aircraft, Seventh Fleet.
1945, Jun 9	Naval Reserve classification changed from S(I) to S(A).
1945, July 28	Detached from duty with Seventh Fleet Intelligence Center and temporary duty with Commander Aircraft, Seventh Fleet, and ordered to duty with Commander Aircraft, Seventh Fleet.
1945, July 29	Reported for duty on the staff of Commander Aircraft, Seventh Fleet, and Commander Aircraft, Philippine Sea Frontier.
1945, Sept 1	Detached from staff Commander Aircraft, Philippines Sea Frontier, for temporary duty with Commander, Naval Group China.
1945, Sept 3	Designated Classified Mail Courier.
1945, Sept 6-15	U.S. Naval Group, China, Kunming, China.
1945, Sept 16-25	U.S. Naval Group, China, India Unit, Calcutta.
Enroute	Agra, Karachi, Bahrain, Abadan, Bagdad to Cairo.
1945, Oct 1-3	Cairo
Enroute	Cairo to Bugazi, Tripoli, Casablanca, Azores, Washington, DC, and New York.
1945, Oct 7	New York City.
1945, Oct 10	Reported for duty to Commander Fleet Air, Quonset Point.

1945, Oct 13 Detached and ordered to Commandant, Ninth Naval District for separation from active service.

1945, Oct 19 Reported to Personnel Separation Center, Great Lakes Naval Training Center.

1945, Dec 16 Detached from active duty.

1947, June 16-29 Attended Air Combat Intelligence Officers' Refresher Course, NAS Anacostia, Washington, DC.

1948, Dec 7-20 Training duty, NAS Glenview.

1949, Sept 7 Received permanent appointment as lieutenant, USNR.

1954, Oct 15 Honorably discharged, U.S. Naval Reserve.

DESCRIPTION OF PAPERS

The William L. Mullin papers were presented through the Naval War College Foundation in two lots. The first and larger came from Mullin's wife, Mrs. Marcia Mullin, in 1973. The second, consisting for the most part of naval intelligence publications, was presented by his godson, Professor John B. Hattendorf, in 1979.

Mullin served on active duty in the U.S. Naval Reserve from 1943 to 1945 as an air combat intelligence officer in the South West Pacific. He served on the staff of Commander, Seventh Fleet; Commander, Aircraft, Seventh Fleet; Commander, Aircraft, Philippine Sea Frontier and Intelligence Officer for Patrol Bombing Squadron 33. His work involved both evaluation of current operations and the training of aviators in the recognition of enemy ships and vessels. At the end of the war, he was involved in the search for aviators held as prisoners of war in China and on Taiwan. Taken together, his personal and official papers provide a remarkably complete view of a naval lieutenant's life and duties in the South West Pacific during the final years of the war.

The papers are divided into four series. Series I comprises correspondence with Mrs. Mullin, family and friends. Although Mullin's letters to his wife were subject to censorship regulations, the contents allow a knowledgeable person to read a great deal between the lines. However, the particular value of the letters lies in the view they present of service life. Series II, miscellaneous official and personal items, includes much of interest on Seventh Fleet operations and American combat intelligence. Of particular significance are the reports which LT Mullin wrote for RADM F.D. Wagner on current operations. Other miscellaneous materials are popular songs, drawings, photographs, service records, certificates, aircraft search plans and detailed information on the operations of Patrol Bombing Squadron 33.

Series III, printed items, includes service newspapers, training manuals on aviation, languages and survival as well as intelligence manuals on foreign navies, and intelligence photographs.

Series IV contains folio-sized maps and charts, some of which have been annotated showing current operations.

A collection of artifacts, including survival equipment for downed aviators, navigation material and uniform items, has been integrated into the Naval War College Museum Collection.

Series I

Personal Correspondence
(1 box)

Box	Folder	
1		<i>Correspondence with Marcia Mullin (wife), family and friends.</i>
	1	Undated. 25 July [?], MM to WLM.
	2	Nov 1-9, 1943. Letters from WLM describing journey from Illinois to Quonset Point, NAS, and initial training and air combat training.
	3	Nov 20-Dec 20, 1943. (Continued.)
	4	1944. V-Mail letters received from family and friends.
	5	Jan 7-29, 1944. Quonset Point training.
	6	Feb 1-29, 1944. (Continued.)
	7	Mar 2-11, 1944. Completion of Quonset training.
	8	Apr 1944. Description of journey to San Francisco and departure in troop ship USS GEORGE O. SQUIRE and detailed description of life on board.
	9	Apr-May 1944. Letters to MM from Grace Piaget, Paul Nelson, telegrams from WLM, Naval Air Combat Information School class list, Class 4-44, with home addresses.
	10	May 1944. Letters from WLM, descriptions of New Guinea and Australia. Staff, Commander Seventh Fleet (VADM T.E. Kincaid).
1	11	June 1944. Australia.
	12	July 1944. Australia.
	13	Aug 1944. Australia.
	14	Sept 1944. Australia.
	15	Oct 1944. Letter of 20 October, contains comments and impressions on services up to this point. New Guinea.
	16	Nov 1944. Hollandia.
	17	Dec 1944. Staff, Commander Seventh Fleet. TAD, "Black Cat Squadron." VPB-33 menus and Christmas service program from COMSEVENTHFLT staff.
	18	Jan 1945. VPB-33.
	19	Feb 1945. VPB-33, Philippines, Australia.
	20	Mar 1945. Australia.
	21	Apr 1945. Australia, Biak, Leyte.
	22	May 1945. Staff, Commander Air, Seventh Fleet.

Box	Folder	
	23	June 1945. Staff, Commander Air, Seventh Fleet.
	24	July 1945. Staff, Commander Air, Seventh Fleet.
	25	Aug 1945. Staff, Commander Air, Seventh Fleet.
	26	Sept 1945. Reconnaissance on POW camps, Formosa, China. Return to USA via Karachi, Calcutta.
	27	Oct 1944. Letter from Cairo with attached note by MM.
	28	1947. Letters of thanks for donation of service newspapers to University of Michigan Library.

Series II

Miscellaneous Official and Personal Items (1 box)

Box	Folder	
2	1	<p>Commissions and Certificates</p> <p>(a) Commission as LTJG, 25 June 1943. (b) Commission as LT, 1 Feb 1945. (c) Certificate of completion of Naval Training School for Aviation Volunteers (Special), at Quonset Point, NAS, Class 2-44, 23 Dec 1943. (d) Class Book for Class 2-44, Naval Training School, NAS, Quonset Point.</p>
	2	<p>Invitations, shellback certificate; passes, authorizations; designation as classified mail courier; <i>News Day</i>, Cairo, Egypt, 6 Oct 1945; customs inventory, Malay glossary.</p>
	3	<p>Postcards: tourist photos of pyramids.</p>
	4	<p>Photograph Envelopes.</p> <p>(a) Brisbane and Hollandia, 1944. (b) VPB-33. (c) PBYs in flight. (d) VPB-104 combat photos 1,2,4 July 1945. Formosa and Pescadores. (e) VPB-33 personnel and planes. (f) VPB-33 personnel and planes. (g) VPB-33 personnel. (h) Naval Air Combat Information School, Class 4-44, 6 Jan-18 Mar 1944. (i) Naval Training School, Quonset, Class 2-44. (j) RADM F.D. Wagner, USN, Commander, Aircraft, Seventh Fleet and senior staff officer, 26 July 1945. (m) Toulan Island, New Guinea. Intelligence photo. (n) Typical palm hut on Negros Island, Visayan Is., Philippines. Intelligence photo. (o) Combat photo of burning hut, 29 Nov 1944. (p) WLM and MM. (q) Aircraft, atomic bomb blast at Nagasaki.</p>

Box Folder

- 5 Search Plans, Asiatic Pacific Area 1944. (photographic copies)
- (a) Search Plan King, (Revised), 16 May 1945.
 - (b) Search Plan King, 26 Apr-16 May 1945.
 - (c) Search Plan Jig, (Revised), 4 Mar-25 Apr 1945.
 - (d) Search Plan Jig, 1 Feb-3 Mar 1945.
 - (e) Search Plan How, 31 Dec 1944-31 Jan 1945.
 - (f) Search Plan George, (Revised), 23 Dec-30 Dec 1944.
 - (g) Search Plan Fox/1, 2-22 Dec 1944.
 - (h) Search Plan Fox, (Revised), 5 Nov-1 Dec 1944.
 - (i) Search Plan Fox, 19 Oct-4 Nov 1944.
 - (j) Search Plan Easy, 19 Aug-18 Oct 1944.
 - (k) Search Plan Dog, 24 July-18 Aug 1944. (Annex to Search Plan Charlie)
 - (l) Search Plan Charlie, 15 July-18 Aug 1944.
 - (m) Search Plan Baker, 26 June-14 July 1944.
 - (n) Search Plan Able, 27 May-25 June 1944.
- 6 Essay: "Principle Japanese Anti-Aircraft Defenses on North Head Area, Kiska Island; 8 March 1944." 15 pp. Handwritten research paper for Naval Air Combat Information School, Quonset Point, NAS, with instructor's comments and grade "3.4."
- 7 Notes and Diagrams.
- (a) Classroom notes, 11 May 1943.
 - (b) List of Task Group and Task Unit Commanders:
TF 73.
 - (c) Battle of the Philippines: Navy Communique No. 554.
 - (d) Navigation diagram showing ranges and bearings of "AMOREP."
- 8 Letters and drawings by B. Baird which were used in intelligence briefings and recognition training of Japanese aircraft.
- (a) Letter from Baird to WLM [17 July 1945] forwarding his sketches for a squadron insignia for VPB-33.
 - (b) V-Mail letter, Baird to WLM, 19 Dec 1944 with drawing.
 - (c) "YUBARI all she can carry high forward low in the fantail." Two copies on tracing paper, one colored.
 - (d) "Is It True What They Say About Waves."
 - (e) "See the Pretty Coconuts and Fish Introducing Miss Survival Intelligence."
 - (f) "Coast Watcher."
 - (g) "Sally."
 - (h) Three colored sketches without captions.
 - (i) One pencil sketch without caption.
- 9 Verses to songs, etc.
- (a) Survival Memorandum No. 15-45. "Survival in America," humorous memo for returning fliers dated 20 Aug 1945.
 - (b) "In Anticipation of That 30-Day Leave."
 - (c) Verses to songs:
 - (1) VPB-52 theme song.
 - (2) Mariana.
 - (3) Pull your shades down, Mary Anne.

Box Folder

- 2 9
- (4) You can easily see.
 - (5) Ragged but right.
 - (6) Marie.
 - (7) Hardships.
 - (8) We just want to go home.
 - (9) My P-Boat and I.
 - (10) Wewee on wewak.
 - (11) Astrolobe.
 - (12) The old 38.
 - (13) Cat call.
 - (14) I saw them.
 - (15) Roll the leg over.
 - (16) I used to work in Chicago.
 - (17) Rugby Song.
 - (18) How ashamed I was.
 - (19) One week at rest camp.
 - (20) Over the hill.
 - (21) Sweet violets.
 - (22) There was an old man from the Ritz.
 - (23) Wee back gee back.
 - (24) That's where my money goes.
 - (25) This Yank of mine.
 - (26) I wish I had an Aussie.
 - (27) Give me one dozen Aussies.
 - (28) A cold winter's evening.
 - (29) It's the poor who get the blame.
 - (30) Ta ra ra boom-deay.
 - (31) The big wheel.
 - (32) Bell bottom trousers.
 - (33) Bless them all, by W.J. Lahodney.
 - (34) Ode to the four letter words.
- 10 POWs and MIAs in Formosa and China: Documents relating to special duty concerning their identification.
- (a) COMPHILSEAFRON/CTF 93 msg. of 290631 Aug 1945. TG and TU numbers established.
 - (b) Orders for urgent temporary duty at Kunming, China.
 - (c) Designation as Classified Mail Courier, 3 Sept 1945.
 - (d) Notes on men missing in action from Seventh Fleet aircraft.
 - (e) Memorandum, LT Mullin to LT Childress, 3 Sept 1945. Report on trip to Fleet Air Wing 17 Headquarters with information on POW camps in Formosa.
 - (f) Commander Aircraft, Philippine Sea Frontier, Bi-weekly Station List and Task Group Organization, 1 Sept 1945. Secret.
 - (g) Memorandum, W.L. Mullin to LTs Virgil Childress and Warner Edwards, 15 Sept 1945. Search and Rescue of Aircraft Seventh Fleet Personnel. Draft.
 - (h) Personal letter. W.L. Mullin to "Virg and Warner" 19 Sept 1945. Further information on Search and Rescue of MIAs.
 - (i) COMAIRPHILSEAFRON, Operation Plan No. 1-45 of 28 Aug 1945.

- | Box | Folder | |
|-----|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 | 11 | <p>VPB-33: Patrol Bombing Squadron-33.</p> <p>(a) Black Cat: geographical reference point code for use in reports and notes on operations.</p> <p>(b) Summary of VPB-33 operations in the South West Pacific, 12 Dec 1943-1 Feb 1945.</p> <p>(c) "Black Cat Champs" shove off; stateside bound. Highlight history of VPB-33.</p> <p>(d) Fragment of an unidentified document, pp. 27-42, which contains entire summary of VPB-33 operations, 1 Sept-23 Nov [44].</p> <p>(e) VPB-33 officers' home addresses.</p> <p>(f) Roster of officers, VPB-33, 1 Jan 1945.</p> <p>(g) Muster roll of enlisted personnel, 1 Dec 1944.</p> <p>(h) Home addresses of enlisted personnel and next of kin.</p> <p>(i) Drawing of silver platter from VPB-33.</p> <p>(j) Envelope with letter from Channing Manning containing photos related to VPB-33 operations, 27 Sept 1946.</p> <p>(k) Memorandum to all hands.</p> <p>(l) Message, Under Secretary of the Navy to all hands, Aug 1945.</p> <p>(m) Partial list of home addresses of officers, COMAIR, Seventh Fleet.</p> <p>(n) Verse: Search Plan "King" Blues.</p> <p>(o) Letters from members of VPB-33, 1945.</p> <p>(p) Two letters from MM to WLM.</p> |
| | 12 | VPB-33: Recommendations for awards to officers and men. Carbon copies and drafts of letters, 1945. |
| | 13 | Intelligence information and notes relating to China, 1945. |
| | 14 | <p>Notes and information relating to the gathering of intelligence on the strength of Japanese forces, 1944-1945.</p> <p>(a) Printed intelligence material on Japanese naval strategy and Japanese aircraft, based on captured documents. (6 items)</p> <p>(b) Characteristics chart of Japanese anti-aircraft weapons in SWPA, Summary No. 237, 23 Aug 1944.</p> <p>(c) Orange Order of Battle as of 11 Nov 1944.</p> <p>(d) CINCPAC and COMINCH AIR ESTIMATE, 9 Nov 1944, draft.</p> <p>(e) Messages and notes relating to Japanese air strength, 1945.</p> <p>(f) COMAIRCRAFT, Seventh Fleet. Special instructions for search planes—Aircraft, Seventh Fleet, 15 Oct 1944. Copy.</p> <p>(g) Notes on geographic reference points for Black Cat areas.</p> <p>(h) October (1944) summary of Japanese aircraft activity.</p> <p>(i) Message relating to search planes, 110935 [Jan '44].</p> |
| | 15 | <p>Intelligence information relating to Japan, 1944-1945.</p> <p>(a) Photostat outline map of South West Pacific area.</p> <p>(b) Report: Administrative and Tactical Composition of the Japanese Naval Air Forces, 8 May 1945.</p> <p>(c) "C.I.C. Glossary from C.I.C., March, 1945, pp. 54-64.</p> <p>(d) Handwritten notes on Japanese Naval Operations, 23-28 Oct 1944.</p> <p>(e) Report on weather conditions in Japan, prepared by WLM, n.d.</p> <p>(f) Handwritten list of components of the First Mobile Base Air Force (Japanese).</p> <p>(g) B-29 Raids on Japanese home Islands, 1-15 May 1945. Dates, load in tons, hit area.</p> |

Box Folder

- 2 15 (h) WLM special report for Admiral Wagner, "What is going on in Japan?" 17 July 1945. 8 pp. typescript.
- (i) Naval Dispatch. USS ORCA to LT Jones, PILOT LIVID 85.
- (j) Composition of 71st and 72nd Air Flotillas.
- (k) WLM Report: Evaluation of Current Singapore to French Indo-China Convoys, 9 June 1945.
- (l) Report on Japanese aircraft production as of 1 May 1945.
- (m) WLM to McAtee, 5 June 1945. Evaluation of Japanese capabilities in the two main theaters of resistance remaining in the Philippines.
- (n) Report: Japanese A/A Defenses and Tactics, 17 May 1945.
- (o) Report on Japanese air attacks on U.S. forces in Okinawa, 10 May 1945 with handwritten notes.
- (p) Japanese air situations, 19 Nov 1945.
- (q) Report on Japanese air operations during Leyte Gulf operations, n.d.
- (r) Report on Japanese air operations, 4 Nov 1944.
- (s) Report on Japanese air operations, Nov 1944, draft.
- (t) Handwritten note on TEI 1 Attack Force, 18 Nov 1944.
- (u) Report on "T" Air Attack Force, n.d.
- (v) Report on Japanese air operations, 18 Oct 1944.
- (w) Report on JNAF and JAAF, 16 Nov 1944.
- (x) Notes on Burma Theatre Orange Air Strength, 10 Oct 1944.
- (y) Chart: Reported enemy offensive air sorties—Nansei Shoto and related actions. March-June [?1944].
- 16 Intelligence information relating to Japan, 1944-1945. (Cont.)
- (a) Chart: Principal Installations: Philippine Islands from CINCPAC-CONCPOA Bulletin 148-44.
- (b) Report: "Japanese Naval Air Service in S.W.P.A. Aug/Sept 1944," dated 1 Oct 1944.
- (c) Report on trends in Japanese Naval Air Service outside the homeland, 24 Oct 1944.
- (d) Handwritten notes on Japanese combat air bases.
- (e) Chart and notes on Japanese aircraft in Luzon and Visayas, 2 Nov [1944].
- (f) Preliminary sketch enemy approaches and naval battles, 23-25 Oct 1944. Photograph.
- (g) Handwritten draft report on Japanese fleet and the Battle of the Philippines, 24-25 Oct 1944.
- (h) Japanese Army Air Force code designation, 23 Dec 1944.
- (i) Handwritten notes on Japanese Air Fleets and Flotillas, 1944.
- (j) Handwritten notes on Japanese forces.
- (k) Working notes, WLM, 22 May 1944.
- (l) Charts: June 1944: No. of A/P.
- (m) Some terms used in connection with forces afloat. Mimeographed.
- (n) HQ, Far East Air Forces, Secret memo of 9 July 1944. Operations Memo #1, with handwritten notes and technical intelligence.
- (o) HQ, 13th Air Force, South West Pacific area. Intelligence Memo #13. 15 Oct 1944. Alphabetical listing of "Allied code names of Japanese operational Aircraft." Typescript with handwritten annotation.
- (p) Handwritten notes, 16 July 1944: Task Force 70, organization.
- (q) Handwritten Japanese naval air situation, 28 Oct 1944.

Box	Folder	
2	17	(a) Naval message: NAVOP 18, 18 Aug 1945 from CNO/COMINCH transmitting congratulations of First Lord of the Admiralty to U.S. Forces on the Japanese surrender. (b) Examples of envelopes used by officer messengers. (1) U.S. Navy. LTJG Piaget to W.L. Mullin, Seventh Fleet, Brisbane. (2) British: Navy Office, Wellington, N.2, to Commander, SW Pacific Forces, Brisbane.
18		Service jackets, 1943-1945 and 1946-1948 (reservist).

Series III

Printed Items and Training Materials (9 boxes, 4')

Imprints, service newspapers, ONI reference manuals, books, recognition training cards, intelligence photographs.

Box	Folder	
3	1	Newspapers and Imprints (a) Map of Australia from the <i>Courier-Mail</i> , 26 Feb 1945. (b) <i>Manila Free Philippines</i> , Vol. IV, No. 28, 1 Sept 1945. (c) <i>Guinea Gold</i> , Southern edition (American), Vol. 2, No. 170, Sat. May 6, 1944. Vol. 3, No. 55, Fri, 12 Jan 1945. (d) <i>Far Eastern Express: The U.S. Army Daily</i> , Base X, No. 24, Thurs, May 10, 1945. (e) <i>The Morning Star</i> , USS LAMSON (DD 367), 28 Nov 1944.
	2	Black pocket notebook containing various notes including intelligence information, signals for protection of shipping, Japanese aviation factories, notes on fleet anchorage locations, poem, "The Street Behind the Elms," by Myra Morris, types of Japanese bombers, designation of W.T. bombs and other notes on Japanese intelligence.
	3	NAVPERS 170069, <i>Lookout Manual</i> , 1943.
	4	P.E. Kraght, <i>Keeping Ahead of the Weather</i> , (New York: Associated Aviation Underwriters, 1941), 2nd ed.
	5	<i>C.B.I. POINTIE TALKIE NO. 4</i> , English-Chinese phrase book with section for Burmese, French, Annamese, Thai, Shan, Lolo and Lao.
	6	<i>A Pocket Vocabulary of Malay, Pidgin English and Japanese Phrases for the Use of U.S. Troops in the Southwest Pacific Area</i> . Prepared by Office of the Assistant Chief of Staff, G-2, U.S. Army Services of Supply, South West Pacific Area.
	7	FM24-13, War Department Basic Field Manual, <i>Air Extract of Combined Operating Signals</i> , (CCBP2-2), 2nd ed., 21 Feb 1944.
	8	<i>Castaway's Baedeker to the South Seas</i> , prepared by Objective Data Section, Intelligence Center, Pacific Ocean Areas, 1942.

Box	Folder	
	9	Aerology Series, No. 4 <i>Air Masses and Fronts</i> , prepared by Training Division, Bureau of Aeronautics, U.S. Navy, n.d.
	10	FM21-30, War Department, Basic Field Manual, <i>Conventional Signs, Military Symbols and Abbreviations</i> , 1941.
3	11	Aerology Series, No. 1, <i>Ice Formation on Aircraft</i> , Training Division, Bureau of Aeronautics, USN.
	12	Aerology Series, No. 3, <i>Fog</i> , Training Division, Bureau of Aeronautics, USN (2 copies).
	13	<i>Survival Hints</i> , prepared by Allied Air Forces, Directorate of Intelligence, South West Pacific area.
	14	<i>Pointie Talkie</i> , Chinese-English phrase book with notes on speaking Chinese in Formosa.
	15	ONI Publications, <i>Survival on Land and Sea</i> , prepared by the U.S. Navy by Ethnographic Board and the Staff of the Smithsonian Institution, 1944.
	16	TM30-633, Chinese Phrase Book, 10 Dec 1943.
	17	Flying Officer J.L. Hunt and LT A.G. Pringle, R.A., <i>Service Slang</i> , with a forward by Air Marshall, Sir T.L. Leigh-Malloy and illustrated by Flying Officer C. Morgan. (London: Faber and Faber, 1943.)
	18	Edwin J. Knapp, <i>Basic Physics for Pilots and Flight Crews</i> , (New York: Prentice-Hall, 1943).
	19	<i>Directory of Geographic Place Names in the South West Pacific Area Exclusive of Continental Australia</i> . Section III. Dutch New Guinea, compiled by HQ, U.S. Army Forces in the Far East, 1943.
	20	Sidney J. Baker, <i>A Popular Dictionary of Australian Slang</i> . (Melbourne: Robertson and Mullens, Ltd.), 3rd ed, n.d.
	21	(Folder) S.W.P.A. <i>Map Talk</i> . Newspaper published by Information and Education Section, USAFE. Vol. 1, No. 3: 10 Mar 1944 4: 17 Mar 1944 5: 24 Mar 1944 7: 7 Apr 1944 8: 14 Apr 1944 9: 21 Apr 1944 11: 5 May 1944 12: 12 May 1944 13: 19 May 1944 14: 26 May 1944 15: 2 Jun 1944 16: 9 Jun 1944 18: 23 Jun 1944 19: 20 Jun 1944 Vol. 2, No. 1: 7 Jul 1944 2: 14 Jul 1944 3: 21 Jul 1944 4: 28 Jul 1944

- | Box | Folder | |
|-----|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3 | 21 | 5: 4 Aug 1944
7: 18 Aug 1944
8: 25 Aug 1944
9: 1 Sept 1944 (2 copies)
10: 8 Sept 1944 |
| | 22 | South West Pacific area <i>News Maps</i> . Published by Information Section, USAFE. Complete run from Vol. 1, No. 1, 13 Jan 1944 through Vol. 2, No. 10, 8 Sept 1944. |
| | 23 | Broadsides:
(1) "Share Your Car—Conserve Gas, Tires, Autos," 1945.
(2) "Gasoline and Tires Are Fighting With Them, Share Your Car," 1945.
(3) "Gasoline Powers the Attack,—Don't Waste a Drop." |
| 4 | | Training Manuals: |
| | 1 | <i>Aleutian Sense</i> , issued by Training Division, Bureau of Aeronautics, U.S. Navy, July, 1943. |
| | 2 | <i>Arctic Sense</i> , issued by Training Division, Bureau of Aeronautics, U.S. Navy, August, 1943. |
| | 3 | <i>Air Information Sense</i> , issued by Training Division, Bureau of Aeronautics, U.S. Navy, July 1943. |
| | 4 | <i>Flat-Hatting Sense</i> , issued by Training Division, Bureau of Aeronautics, U.S. Navy, August, 1943. |
| | 5 | <i>Facts of Flight</i> , G.P.O., 1947. |
| | 6 | <i>Path of Flight</i> , G.P.O., 1946. |
| | 7 | <i>Sky Diagrams</i> , 1945, U.S. Naval Observatory, 1944. |
| | 8 | Bulletin No. 4, <i>Aircraft Seventh Fleet, Summary of Operations</i> , Secret, with photographs, 3 Sept-Oct 1944, dated 4 Dec 1944. |
| | 9 | Technical Order No. 30-100A-1. <i>Instrument Flying: Basic and Advanced</i> , Special Edition for distribution to all pilots. 15 Jan 1944. Published by Authority Commanding General, USAAF. |
| | 10 | Air Navigation—Part Seven: <i>Nautical Astronomy and Celestial Navigation</i> . Published for OPNAV, Aviation Training Division by McGraw-Hill, 1944. |
| | 11 | Mark Savage and William Damar, <i>How Planes Fight and Bomb</i> . Illustrated. (New York: Franklin Watt, 1943). |
| | 12 | <i>Lake Sentani, Dutch New Guinea, U.S. Navy Rest Camp</i> , illustrated brochure, 1945. |
| | 13 | H.O. Misc. No. 10,888. <i>Gazetteer (No. 8), Borneo</i> , April 1944. Hydrographic Office. |
| | 14 | Maps and charts.

(a) No. 12-1: Bismarck Archipelago, 15 Jun 1943-NACI.
(b) No. 7B-3-3-90, 17-274T: Yokuska Naval Base, Japan, June, 1944, NACI. |

Box	Folder		
4	14	(c) No. 12-19-22-14-1A: Mule Island approach. 20 May 1943, NACI.	
		(d) CINCPAC-CINCPOA No. 12-2-1: Hachijo Jima, shore area chart, June 1945.	
		(e) P-13: Mindanao Air/Sea Rescue chart, 1 Aug 1944. Air Force, Pacific Fleet.	
		(f) Manila Area Air/Sea Rescue chart, 25 Sept 1944. Air Force, Pacific Fleet.	
		(g) Lingayen Gulf Air/Sea Rescue chart, 25 Sept 1944. Air Force, Pacific Fleet.	
		(h) T.C.I.U.-66 Galela, A/D. (Halmahera), 12 May 1944.	
		(i) T.C.I.U.-65 Lolobata, A/D. (Halmahera), 18 May 1944.	
		(j) Human Campaign, 3-9 May 1945. Prepared by A-2 Section 14th USAAF.	
		(k) HACI-OP-35. No. 1: International Flags and Code. 1 Dec 1943 (4 copies).	
		15	Neptune Certificate for crossing the Equator, not filled in but signed John M. Lancey.
		16	N.A.C.I./Hydrographic Office booklet on charts. Lot A: Bismarck, Caroline, Gilbert, Mariana, Marshall, Solomon, Tonga Islands. Lot B: Kurile Islands.
		17	"Notes on the Identification of Merchant Vessels," prepared by the Intelligence Section, Western Sea Frontier, San Francisco, 1942. Mimeographed.
		18	<i>U.S. Army-Navy Journal of Recognition.</i>
	No. 1 Sept 1943		
	No. 2 Oct 1943		
	No. 3 Nov 1943		
	No. 7 Mar 1944		
	5	ONI Publications	
1		ONI-208-J: <i>Japanese Merchant Ships: Recognition Manual</i> , 24 Aug 1942.	
2		ONI-249: <i>Japanese Aircraft Manual</i> , 1942.	
3		ONI-41-42 <i>Japanese Naval Vessels</i> , with Supplement 1.	
4		ONI-232 <i>Japanese Military Aircraft</i> , 1943.	
5		ONI-220-M <i>Axis Submarine Manual</i> , 1942.	
6		ONI-234 <i>German Military Aircraft</i> , 22 Jun 1943.	
7		ONI-204 <i>German Naval Vessels</i> , 13 Aug 1942.	
6	ONI Publications		
	1	ONI-54-R <i>U.S. Naval Ships and Aircraft</i> , with Supplement 2 of 19 Nov 1942.	
	2	ONI-54CG, <i>U.S. Coast Guard Vessels</i> , 5 Sept 1943.	
	3	ONI-54A, <i>Naval Auxiliaries</i> , 5 Sept 1943.	

Box	Folder	
6	4	ONI-201, <i>Warships of the British Commonwealth</i> , w/Supplement 1.
	5	ONI-202, <i>Italian Naval Vessels</i> , 3 Feb 1943.
	6	ONI-206, <i>Warships of Minor European Navies</i> , 3 Feb 1943.
	7	ONI-203, <i>French Naval Vessels</i> , Feb 1943.
	8	USNTS (Recognition, <i>Pictorial Manual: Aircraft and Surface Craft</i> (Columbus, Ohio, 8 Dec 42). [With U.S., British and German aircraft photographs.]
7		Books and Manuals
	1	Arthur A. Ageton, <i>The Naval Officers Guide</i> (New York: Whittlesey House, 1943). Inscribed: Wm. Mullin, Co.C P1 11 Bk 355.
	2	Bert A. Shields, LCDR, USNR, <i>Air Pilot Training</i> , New York: McGraw-Hill, 1943). Inscribed: LT(JG) Mullin, Wm. L., CoC Platoon 11, Bunk 355, NTS(I), U.S. Naval Air Station, Quonset Point, RI.
	3	B. Dutton, <i>Navigation and Nautical Astronomy</i> (Annapolis: USNI, 1942).
	4	Heiskell Weatherford, Jr., <i>Manual of Naval Correspondence</i> (New York: McGraw-Hill, 1943). Inscribed: William L. Mullin, Quonset Point, RI, 2 Nov 1943.
8		Recognition Training Cards I. Files of 3"x5" cards used in the training of aviators in recognition of U.S., allied and enemy ships and planes. U.S. ships: BBs U.S. ships: CVs U.S. ships: CAs and CLs U.S. ships: DDs U.S. ships: Misc. U.S. planes British ships, BBs British CVs British planes, misc. Japanese CVs Japanese CVs Japanese CAs and CLs Japanese DDs, old and new Japanese BBs Japanese landing craft and misc. Japanese planes
9		Recognition Training Cards II United States ships Japanese ships Italian ships German ships

Box Folder

- 9 Russian ships
Russian planes
Packet on ONI printed photographs of U.S. warships, 4"x5".

Loose leaf binders

Binder A: British Navy: Photographs A-M

Series of Japanese photographs showing damaged and sinking British warships with translations of Japanese labels attached:

1. EXETER aflame.
2. HERMES sinking.
3. First hit on HERMES.
4. HERMES exploding.
5. BANKA STRAIT, British tanker exploding.
6. DORSETSHIRE sinking.
7. CORNWALL listing.
8. DORSETSHIRE and CORNWALL under attack.

8"x10" printed photographs produced by Identification and Characteristics Section, ONI, 1942-1944.

ABDIEL	CARADOC	H-28
ACTIVITY	CARDIFF	HAWKINS
ADELAIDE	CHARYBDIS	HESPERUS
ADVENTURE	CUMBERLAND	HOBART
ALBATROSS	DAUNTLESS	ILEX
ANSON	DELHI	INDOMITABLE
ANTELOPE	DESPATCH	JAVELIN
ARCHER	DEVONSHIRE	KEPPEL
ARETHUSA	DUKE OF YORK	KING GEORGE V
ARGONAUT	DURBAN	KINGSTON
ARGUS	EGRET	KITTIWAKE
ATTACKER	EMERALD	LAGAN
BALSAM	EREBUS	LEEDS
BAYNTUM	FISHGUARD	LIVERPOOL
BELFAST	FORESTER	LONDON
BERWICK	FORMIDABLE	LOYAL
BITER	FURIOUS	MAIDSTONE
BRIDGEWATER	GAMBIA	MAHRATTA
BROCKLESBY		MALAYA

Binder B: British Navy: Photographs M-Z (ONI photographs cont.)

MARTIN	MILNE	NIGERIA
MATABELE	MONTGOMERY	NORFOLK
MENESTHEUS	NELSON	OBDURATE
METEOR	NEPAL	OBEDIENT
OBERON	RORQUAL	TYRIAN
ONSLAUGHT	ROSEMARY	UNICORN
ONSLOW	ROXBOROUGH	UNIQUE

Binder B: British Navy: Photographs M-Z (cont.)

ORION
ORWELL
PENELOPE
PENN
PHOEBE
QUAIL
QUEEN ELIZABETH
RAASAY
RAMILLIES
RAPID
REGENT
RELENTLESS
RENOWN
RESOLUTION
ROCHESTER
RODNEY

SAVAGE
SCIMITAR
SCYLLA
SEALION
SEVERN
SHEFFIELD
SHROPSHIRE
SIRIUS
SKATE
STALKER
STUBBORN
TARTAR
TRAILER
TROOPER
TYNE

VANQUISHER
VEGA
VERDUN
VICTORIOUS
VISCOUNT
VIVIEN
WANDERER
WARSPITE
WEAR
WELLINGTON
WESTMINSTER
WINCHELSEA
WINDFLOWER
WINDSOR
WOLVERINE
ZETLAND

Binder C: U.S. Navy: Photographs, A-N

Series of Japanese photographs showing damaged and sinking American warships with translations of Japanese labels attached.

1. Destroyer POPE sinking.
2. Pearl Harbor under attack. (4 photos)
3. Battle of Coral Sea. (4 photos)

Binder C: U.S. Navy: Photographs, A-N (cont.)

8"x10" printed photographs produced by Identification and Characteristics Section, ONI, 1942-1943.

ALTAHAMA
ALBAMA
AMEN
ARKANSAS
AUGUSTA
AYLWIN
BALTIMORE
BARKER
BELLEAU WOOD
BIRMINGHAM
BOISE
BONITA
BULLARD
CARD
CHANDLER
CHARGER
CHESTER

CONCORD
COWIE
CRAVEN
DETROIT
DEWEY
DOBBIN
DRAYTON
EARLE
ENTERPRISE
ESSEX
FULTON
GILLESPIE
HELENA
HONOLULU
IDAHO
INDEPENDENCE

INDIANA
INDIANAPOLIS
IOWA
J. FRED TALBOT
KENDRICK
LEXINGTON
LONG ISLAND
LOUISVILLE
McCALL
MACKEREL
MARYLAND
MATAGORDA
NASSAU
NAUTILUS
NEVEDA
NEW MEXICO
NORTH CAROLINA

Binder D: U.S. Navy: Photographs, O-Z. (ONI photographs cont.)

ORDRONAUX
PENNSYLVANIA
PHILADELPHIA

PRINCE WILLIAM
R-1
RALEIGH

RHIND
ROE
S-43

Binder D: U.S. Navy: Photographs, O-Z. (ONI photographs cont.)

PIONEER
PORTLAND
SAN FRANCISCO
SAN JUAN
SANTEE
SANTA FE
SARATOGA
SHAW

RALPH TALBOT
RANGER
SOUTH DAKOTA
STOCKTON
TENNESSEE
TERROR
TEXAS
TINOSA

ST. LOUIS
SAMPSON
TUSCALOOSA
WARRINGTON
WICHITA
WILSON
WYFFELS
WYOMING

Series IV

Maps and Charts (11 folio file folders)

Folio
Case Folder

- 1 *U.S. Navy Hydrographic Office charts and diagrams.*
 - (a) No. V30-28 Air Navigation Chart (Indochina, Luzon, Taiwan). Scale 1:2, 188,800, 1st edition, July 1943, corrected to 1 Jan 1944, with handwritten annotations on Luzon.
 - (b) Outline Chart: Western Pacific. 1896 edition corrected to July 1941, 3 copies.
 - (c) No. 1262 edition, Outline Chart of the World. 1st edition, Oct 1937, corrected to May 1944.
 - (d) No. 5175, Sunrise, Sunset and Twilight Diagrams, 1st edition, Feb 1933, corrected to Oct 1933.
 - (e) No. 1262, World Track Chart, 26th edition, Apr 1940, corrected to June 1942. On reverse: North Atlantic lane routes with international track agreement of 1931.
 - (f) No. 1401: Pilot Chart of the North Pacific Ocean for Aug 1945. Printed 19 June 1945.
 - (g) No. 6046.: Truk Islands, East Caroline Group. Scale 1:126, 350, 1st edition, Apr 1944.
- 2 *U.S. Geological Survey Charts prepared under the direction of The Aeronautical Chart Service, Army Air Forces for the Assistant Chief of Staff, Intelligence.*
 - (a) Canton Province, China. N2200-E11300/500 X 750 Nov 1944.
 - (b) Tientsin, China. N3400-E11600/800 X 700 Feb 1945.
 - (c) Korea. N3400-E12300/800 X 700 Dec 1944.
 - (d) Shang-hai, China. N2700-E11800/700 X 600 Spet 1944.
 - (e) Nanchang, China. N2700-E11300/700 X 500 Dec 1944.
- 3 *National Geographic Maps*
 - (a) Asia and adjacent areas, Dec 1942.
 - (b) Theater of war in the Pacific Ocean, Feb 1942.
 - (c) Japan and adjacent regions of the Pacific Ocean, Apr 1944. 3 copies.
 - (d) Southeast Asia, Oct 1944.
 - (e) Australia, Sept 1943.
- 4 *Headquarters Allied Air Forces, South West Pacific Area: Intelligence Information and Charts.*
 - (a) Intelligence Summary 271: Enemy Air Installations Kyushu I., Japan [1 May 1945].
 - (b) Intelligence Summary 271: Formosa Airdrome Status Intelligence up to 1 May 1945.
 - (c) Intelligence Summary 245: Aerodrome Status Philippine Islands up to 30 Sept 1944, 2 copies.

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Case Folder

- 4 (d) Intelligence Summary [unnumbered]. General Aerodrome Status, Borneo, New Guinea, etc., up to 30 Sept 1944, with handwritten annotations relating to Borneo.
(e) T.C.I.U.—75: Liang Aerodrome, Ambon Island. 26 June 1945.
- 5 *Army Air Force Aeronautical Charts*, each with handwritten annotations dated 1 Dec 45, scale 1:1,000,000, showing:
“Flakintel”
“Coast Defense Gun”
“HQ FEAF”
“Search Light”
“AA Location”
“Heavy AA Gun”
“Radar Location”
“Medium AA Gun”
“Light AA Gun”
- 5 (a) No. 620: Babuyan Islands, Apr 1944 edition.
(b) No. 735: Manila Bay, May 1944 edition.
(c) No. 741: Palawan Island, May 1944 edition.
(d) No. 742: Mindinao Sea, May 1944 edition.
- 6 *U.S. Army Map Service—Asia Transportation Maps: China*
Each colored by hand with handwritten annotations, c. 1944-1945, showing:
“Japanese controlled areas”
“National Government Army areas”
“Communist liberated areas”
“Communist guerrilla base areas”
“Communist controlled coast lines”
“National Government war area boundaries”
“National Government war area numbers”
“Types of airfields with general description”

(a) Sheet NE: Peo-p'ing (Peking), first edition, AMS-2, 1944.
(b) Sheet SE: Kuang-chou (Canton), first edition, AMS-2, 1944. [Province and Formosa.]
(c) Sheet NW: Kao-Lan (Lanchow), first edition, AMS-2, 1944.
(d) Sheet SW: K'un-ming (Yannanfu), first edition, AMS-2, 1944.
- 7 *Charts prepared for 5th Air Force, U.S. Army—South West Pacific Area HQ.*
(a) Northern Philippines navigation charts, Aug 1944. (5 copies)
(b) Southern Philippines navigation charts, Aug 1944. (2 copies)
(c) Southern Philippines navigation chart, Apr 1944.
(d) Borneo navigation chart, Sept 1944. (2 copies)
(e) Formosa navigation chart, Oct 1944.
(f) Timor Island navigation chart, Jan 1944. (obverse blank)
(g) Hainan navigation chart, Dec 1944.
(h) Java navigation chart, May 1944.

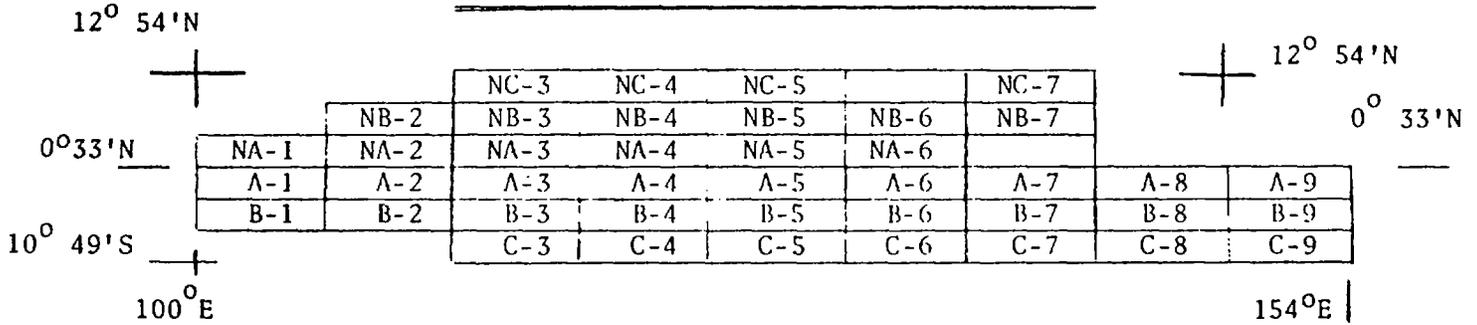
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- 8 **Miscellaneous Charts and Maps, I.**
- (a) Taihoku—Formosa Zenithal Map. prepared by Base Map Plant, U.S. Army GHQ, South West Pacific area, Dec 1944. Scale 1:15,000,000.
 - (b) No. 2422, Terrain and Transportation: South East Asia. Prepared by Research and Analysis Branch, OSS, dated 27 Mar 1944. Supersedes No. 2280.
 - (c) No. 2495, Terrain and Transportation: China. Prepared by Research and Analysis Branch, Provisional edition, dated 27 Mar 1944. Supersedes No. 2194.
 - (d) 1308-OITA A/F, 3532-OITASS, Revision No. 2. Target Work Sheet, Oita, Japan. Revised to 4 May 1945.
 - (e) ADV/MISC/5171: S.W. Pacific Area. Reproduced by 2/1 Australian Army Topo. Svy. Coy, Feb 1944, with handwritten annotation in colored pencil showing numbered and lettered sectors based on Darwin, Biak, Mopatai, Tacloban, Palau, Ulithi and Saipan for PBM and B-24 aircraft.
 - (f) C.I.U. Strategic No. 8: Japanese Aerodromes in Southern Pacific areas, 2 Aug 1944. Compiled by Allied Air Forces, South West Pacific area. (2 copies)
 - (g) No. IX-12, Army Map Services Asia Series: Kao-Lan (Lan-Chou), first edition, 1943. N3600-E9900/600-900. Scale 1:1,500,000.
 - (h) CICSOPAC Map No. 237: Central Pacific, 9 Mar 1944. Prepared by CICSOPAC Plotting and Mapping Section. Approximate scale 1:5,307,315. With pencil and pen annotations on SW coast of N.W. Guinea and attached handwritten sheet listing distances and bearings with numbers relating to Meranke Area, Amorep.
 - (i) JICPOA D-2014: Operational Enemy Airfields of the Western Pacific and Allied Fields in China. Prepared by CINCPAC-CINCPOA based on available information, 15 Sept 1944.
- 9 **Miscellaneous Charts and Maps, II.**
- (a) China, scale 1:4,000,000, no date or originator.
 - (b) Map No. 518: Australia and New Guinea, published by H.E.C. Robinson, Pty., Ltd., Sydney, Australia, c. 1944.
 - (c) Map No. 316: East Indies. Published by H.E.C. Robinson, Pty., Ltd., Sydney, Australia, c. 1944.
 - (d) Outline chart of SW Pacific Area, n.d. (4 copies)
 - (e) U.S. Army Air Forces Special Air Navigation Chart: Western Australia to India, May 1943. SZ600-E7800/6100 X 4200. Advance edition subject to correction. Scale 1:5,000,000 along equator.
 - (f) Sheet 19, Central Europe, Jan 1944. Copies from black impressions of color plates dated 1936, supplied by War Office and reprinted jointly by L.H.Q., Cartographic Coy Australia Survey Corps and B.M.P., U.S. Army, G.H.Q., S.W.P.A.
 - (g) JANIS 76, Plan 2: China, East Coast Sector D: Shanghai and vicinity terrain, c. 1945.
 - (h) Fig. 1025. Aircraft navigation fix plots. Printed example.
- 10 **Royal Australian Air Force Aeronautical Maps.**
Scale 1:1,000,000. Mercator Projection. This series of maps was published by Headquarters, RAAF, and used by American Naval Aviators. In several cases, the maps have general navigation maps printed on the reverse which were prepared by the Fifth Air Force, U.S. Army, under the direction of the Chief Engineer, HQ, S.W.P.A. (see: Folio case Folder 7).
The RAAF charts are organized in series: A, B, C, NA, NB, NC. These letters refer to a grid pattern which is shown on the chart:

Folio
Case Folder

10 Royal Australian Air Force Aeronautical Maps. (cont.)

KEY TO ADJOINING SHEETS OF R.A.A.F. MAPS



A Series

- Sheet A- 1: Sumatra, third edition, Aug 1943.
- A- 2: China Sea, Borneo, third edition, Aug 1943.
- A- 3: Borneo, third edition, Aug 1943.
- A- 4: Celebes, third edition, Aug 1943. Timor Island navigation chart, [Fifth Air Force], Jan 1944.
- A- 5: Ceram, Molucca and Halmahera Seas, third edition, June 1943.
- A- 6: NW New Guinea, third edition, Nov 1943. Reverse: Western New Guinea.
- A- 7: New Guinea, third edition, Oct 1945. Reverse Western New Guinea navigation chart. [Fifth Air Force], Dec 1943.
- A- 8: Admiralty Islands, Bismarck Archipelago, third edition, Jan 1944.
- A- 9: New Ireland, third edition, Oct 1943. Reverse: Eastern New Guinea navigation chart. [Fifth Air Force], Oct 1943.
- A-10: New Ireland, third edition, reverse blank.

B Series

- Sheet B-1: Sumatra, third edition.
- B-2: With insert showing part of C-2: Java, third edition, Aug 1943.
- B-3: Java Sea, third edition, June 1945.
- B-4: Flores Sea and Celebes, third edition, June 1943.
- B-5: Banda Sea, third edition, June 1943.
- B-6: Tanimbar, Aroe and Kai Islands; Banda and Arafura Sea, third edition, Dec 1943, reverse blank.
- B-7: New Guinea, third edition, Jan 1944.
- B-8: New Guinea, third edition, Sept 1943.
- B-9: New Britain and New Ireland. Provisional edition, Sept 1943. Reverse: Eastern New Guinea navigation chart, Oct 1943.

C Sheet

- Cheet C-3: Java, Bali Lombok, Soembawa, Indian Ocean, third edition, Aug 1943.
C-4: Soembawa to Timor, third edition, June 1943.
C-5: Timor and Arafura Sea, third edition, June 1945. Reverse: Timor Island navigation chart [Fifth Air Force]. 2 copies
C-6: Arafura Sea, third edition, Feb 1944. Reverse: Western New Guinea navigation chart [Fifth Air Force], Dec 1943.
C-7: Arafura Sea and Papua New Guinea, third edition, Jan 1944. Reverse: Western New Guinea navigation chart [Fifth Air Force], Dec 1943.
C-8: Gulf of Papua, Coral Sea, third edition, Sept 1943.
C-9: Milne Bay. Reprinted June 1944, with major amendments.

NA Series

- Sheet NA-1: Malaya and Singapore, third edition, Dec 1943. 2 copies
NA-2: Kuching. Reprinted May 1944 with major amendments.
NA-3: Tarakan. Reprinted May 1944 with major amendments.
NA-4: Celebes Sea, first edition, revised Dec 1943.
NA-5: Mindanao. Reprinted July 1944 with major amendments.
NA-6: Pacific Ocean, Helen Is, Mapia Is, Asia Is., first edition, Mar 1943. Reverse: Palau Island navigation chart [Fifth Air Force], Jan 1944.

NB Series

- Sheet NB-2: Laut., April 1944.
NB-3: North Borneo, reprinted, May 1944.
NB-4: Sulu Archipelago, Mindanao, First edition, August 1943.
NB-5: Mindanao, First edition, June 1943. Reverse: Southern Philippines Navigation Chart, April 1944.
NB-6: Palau Islands, First edition, August 1943. Reverse: Palau Islands Navigation Chart, Jan 1944.
NB-7: Nguhu and Sorol Islands, First edition, Jan 1944.

NC Series

- NC-3: South China Sea, First edition, June 1943.
NC-4: Palawan to Negros, Panay, first edition, July 1943.
NC-5: Samar, Leyte, Northern Mindanao, first edition, July 1943.
NC-7: Pacific Ocean. Ulithi and Yap Islands, first edition, Aug 1943.

Folio

Case Folder

- 11 *Charts printed on cloth.*
(a) The use of cloth survival charts in the navigation of rubber rafts, OPNAV-16.V #S109.
(b) AAF cloth map—Asiatic Series, 1944. No. 32 French Indochina (obverse), No. 33 Central China (reverse).
(c) AAF cloth map—South West Pacific, 1944. No. 22 Southwestern (obverse), No. 25 Timor (reverse); No. 26 East Java (obverse).
(d) AAF cloth chart—South West Pacific Area, 1944. No. 23 North Celebes (obverse); No. 24 South Celebes (reverse).

Folio
Case Folder

- 11 *Charts printed on cloth. (cont.)*
 (e) AAF cloth chart. 1944. No. C-45 East Borneo (obverse); No. C-46 West Borneo (reverse).
 (f) Cloth chart prepared by RAAF (D.S.D.) Cartographic Section Luzon, Sept 1944.
 (g) Cloth chart prepared by RAAF (D.S.D.) Cartographic Section Manila, Sept 1944.
 (h) N.A.C.I.—U.S.N. Hydrographic Office
 Chart S-8B3: Luzon-Taiwan Pilot Chart, Nov to Mar (obverse); Chart S-8B4; Mindanao Pilot
 Chart, Nov to Mar (reverse).