

# AIRCRAFT ACTION REPORT

RESTRICTED  
(Reclassify when  
filled out)

## I. GENERAL

CONFIDENTIAL

(a) Unit Reporting VP34 (b) Based on or at USS ORCA, Middleburg Is (c) Report No. 53  
 (d) Take off: Date 30 Aug. 1944 Time (LZT) 1810 K (Zone); Lat. 00°22' S Long. 132°12' E  
 (e) Mission Search and attack (f) Time of Return 0812 K (Zone)

## II. OWN AIRCRAFT OFFICIALLY COVERED BY THIS REPORT.

TYPE (a)	SQUADRON (b)	NUMBER			BOMBS AND TORPEDOES CARRIED (PER PLANE) (f)	FUZE, SETTING (g)
		TAKING OFF (c)	ENGAGING ENEMY A/C (d)	ATTACKING TARGET (e)		
PBY-5	VP34	1	-	1	4x500 lb GP Mk 43 3x100 lb GP Mk 30 8x23 lb parafrags	Tail; 4-5" delay do do Nose; instantaneous

## III. OTHER U. S. OR ALLIED AIRCRAFT EMPLOYED IN THIS OPERATION.

TYPE	SQUADRON	NUMBER	BASE	TYPE	SQUADRON	NUMBER	BASE

## IV. ENEMY AIRCRAFT OBSERVED OR ENGAGED (By Own Aircraft Listed in II Only).

(a) TYPE	(b) NO. OBSERVED	(c) NO. ENGAGING OWN A/C	(d) TIME ENCOUNTERED	(e) LOCATION OF ENCOUNTER	(f) BOMBS, TORPEDOES CARRIED; GUNS OBSERVED	(g) CAMOUFLAGE AND MARKING
			(ZONE)			
			(ZONE)			
			(ZONE)			

(h) Apparent Enemy Mission(s) \_\_\_\_\_  
 Did Any Part of \_\_\_\_\_  
 (i) Encounter(s) Occur in Clouds? \_\_\_\_\_ If so, Describe Clouds \_\_\_\_\_  
(YES OR NO) (BASE IN FEET, TYPE AND TENTHS OF COVER)  
 Time of Day and Brilliance \_\_\_\_\_  
 (j) of Sun or Moon \_\_\_\_\_ (NIGHT, BRIGHT MOON; DAY, OVERCAST; ETC.) (k) Visibility \_\_\_\_\_ (MILES)

## V. ENEMY AIRCRAFT DESTROYED OR DAMAGED IN AIR (By Own Aircraft Listed in II Only).

(a) TYPE ENEMY A/C	(b) DESTROYED OR DAMAGED BY:				(c) WHERE HIT, ANGLE	(d) DAMAGE CLAIMED
	TYPE A/C	SQUADRON	PILOT OR GUNNER	GUNS USED		

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## VI. LOSS OR DAMAGE, COMBAT OR OPERATIONAL, OF OWN AIRCRAFT (of those listed in II only).

(a) TYPE OWN A/C	(b) SQUADRON	(c) CAUSE: TYPE ENEMY A/C, TYPE GUN, OR OPERATIONAL CAUSE	(d) WHERE HIT, ANGLE (List armor, self-sealing tanks, equipment hit)	(e) EXTENT OF LOSS OR DAMAGE, (Give Bureau serial number of planes destroyed)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				

## VII. PERSONNEL CASUALTIES (in aircraft listed in II only; identify with planes listed in VI by Nos. at left).

(a) NO.	(b) SQUADRON	(c) NAME, RANK OR RATING	(d) CAUSE	(e) CONDITION OR STATUS

## VIII. RANGE, FUEL, AND AMMUNITION DATA FOR PLANES RETURNING

(a) TYPE A/C	(b) MILES OUT	(c) MILES RETURN	(d) AV. HOURS IN AIR	(e) AV. FUEL LOADED	(f) AV. FUEL CONSUMED	(g) TOTAL AMMUNITION EXPENDED				(h) NO. OF PLANES RETURNING
						.30	.50	20MM	MM	
PBY-5	1000	500	14	1450	1250					1

## IX. ENEMY ANTI-AIRCRAFT ENCOUNTERED (Check one block on each line).

CALIBER	NONE	MEAGER	MODERATE	INTENSE
HEAVY — Time-fused shells, 75mm and over	<input checked="" type="checkbox"/>			
MEDIUM — Impact-fused shells, 20mm-50mm	<input checked="" type="checkbox"/>			
LIGHT — Machine gun bullets, 6.5mm-13.2mm		<input checked="" type="checkbox"/>		

## X. COMPARATIVE PERFORMANCE, OWN AND ENEMY AIRCRAFT (use check list at left).

- SPEED, CLIMB,  
at various altitudes
- TURNS
- DIVES
- CEILINGS
- RANGE
- PROTECTION
- ARMAMENT

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(OMIT THIS SHEET IF NO ATTACK WAS MADE)

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## XI. ATTACK ON ENEMY SHIPS OR GROUND OBJECTIVES (By Own Aircraft Listed in II Only).

- (a) Target  and Location  01°25' S, 124°36' E (b) Time Over Target  0330 K (Zone)  
(FOR SHIPS INCLUDE ALL IN AREA UNDER ATTACK)
- (c) Clouds Over Target 2000' , Cumulus, 1/10, 7/8 moon  
(BASE IN FEET, TYPE AND TENTHS OF COVER)
- (d) Visibility of Target Clear at 3 miles (e) Visibility 15 miles  
(CLEAR, HAZY, PARTIALLY OBSCURED BY CLOUDS, ETC.) (MILES)
- (f) Bombing Tactics: Type Glide Bomb Sight Used None  
(LEVEL, GLIDE OR DIVE) (TYPE)
- Bombs Dropped per Run 2 Spacing 40 Altitude of Bomb Release 100  
(NUMBER) (FEET) (FEET)
- (g) Number of Enemy Aircraft Hit on Ground: Destroyed None Probably Destroyed None Damaged None

(h) AIMING POINT	(i) DIMENSIONS OR TONNAGE	(j) NO. A/C ATTACKING (k) SQUADRON	(l) BOMBS AND AMMUNITION EXPENDED, EACH AIMING POINT	(m) NO. HITS On Aiming Point	(n) DAMAGE (None, slight, serious, destroyed or sunk)
1 Schooner	75-100 feet	1 VP34	2x100 lb GP Mk 30	1	Sunk
2					
3					
4					
5					
6					
7					
8					

(o) RESULTS: (For all hits claimed on ship targets and for land targets of special interest, draw diagram, top or side view or both, as appropriate, showing type and location of hits. For all targets give location and effect of hits, and identify by numbers above. Use additional sheets if necessary).

Location of hit not observed.

(p) Were Photographs Taken? No Photographs of Damage, When Taken, Should Be Attached By Staple.

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**XII. TACTICAL AND OPERATIONAL DATA.** (Narrative and comment. Describe action fully and comment freely, following applicable items in check list at left. Use additional sheets if necessary.)

## ENGAGEMENT WITH ENEMY

### OWN AIRCRAFT

- Disposition
- Altitudes
- Speeds
- Approach Tactics
- Use of Cover, Deception
- Angles of Attack and Their Effectiveness
- Distance of Opening Fire
- Defense Tactics and Their Effectiveness

### ENEMY AIRCRAFT

- Method of Locating, Distance
- Disposition
- Altitudes
- Speeds
- Approach Tactics
- Use of Cover, Deception
- Angles of Attack
- Distance of Opening Fire
- Defensive Tactics

### COMMENTS AND RECOMMENDATIONS

- Own Weaknesses
- Enemy Weaknesses
- Offensive Tactics, Own
- " " , Enemy
- Defensive Tactics, Own
- " " , Enemy
- Flexible Gunnery, Own
- Escort Tactics
- Fighter Direction
- Use of Radar
- Night Fighting
- Recognition, Aircraft

## ATTACK

### OWN TACTICS

- Method of Locating Target
- Approach to Target
- Altitudes, Speeds
- Approach
- Dive
- Pull-Out
- Dive Angle
- Strafing
- Retirement
- Defensive Tactics
- Use of Jamming

### DEFENSE, ENEMY

- Evasive Tactics, Ships
- Concealment
- Searchlights
- Night Fighter Tactics
- Use of Jamming

### COMMENTS AND RECOMMENDATIONS

- Bombing Tactics
- Torpedo Tactics
- Effectiveness of Bombs, Torpedoes
- Selection of Targets
- Fuzing
- Strafing Tactics
- Defensive Tactics
- Use of Radar
- Reconnaissance
- Photography
- Briefing

## OPERATIONAL

- Navigation
- Homing
- Rendezvous
- Recognition, Ships
- Communications
- Flight Operations
- Search and Tracking
- Base Operations
- Maintenance

The Catalina, commanded by Lieutenant(jg) Charles B. Clayton, Jr., USNR, was on patrol in the northern Celebes area, flying at 500 feet in a southwesterly direction outside Manado Bay. It was a clear night, with a 7/8 moon 30° above the western horizon. A large schooner, estimated to be 75 to 100 feet long, was sighted visually about three miles on the starboard beam, and the pilot circled and approached it in a glide into the moon-path. Passing over the target from stern to bow, two 100 pound bombs with 4-5 second delay tail fuse were released from an altitude of 100 feet. As the plane passed over, a few bursts of light machine gun fire were directed at it.

The fall of bombs was not observed, but a few seconds after the drop there was an explosion on the ship clearly visible to members of the crew. The plane circled and returned immediately to the scene. The schooner had disappeared.

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Squadron assessment: Large schooner probably sunk by 100 pound bomb hit.

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**XIII. MATERIAL DATA.** (Comment freely on performance or suitability, following check list at left.  
Use additional sheets if necessary).

**ARMAMENT**

Guns, Gunsights  
Turrets  
Ammunition  
Bombs, Torpedoes  
Bomb Sights  
Bomb Releases

**COMMUNICATIONS**

Radio, Radar  
Homing Devices  
Visual Signals  
Codes, Ciphers

**RECOGNITION**

IFF  
Signals  
Battle Lights  
Procedures

**PROTECTION**

Armor; Points and Angles  
of Fire Needing Further  
Protection  
Leak Proofing

**EMERGENCY EQUIPMENT**

Parachutes  
Life Belts, Life Rafts  
Safety Belts  
Emergency Kits  
Rations, First Aid

**NAVIGATIONAL EQUIPMENT**

Compasses  
Driftsights  
Octants  
Automatic Pilots  
Charts  
Field Lighting

**INSTRUMENTS**

Flight  
Power Plant

**OXYGEN SYSTEM**

**CAMOUFLAGE AND  
DECEPTION DEVICES**

**STRUCTURE**

Airframe  
Control Surfaces  
Control System  
Dive Flaps  
Landing Gear  
Heating System  
Flight Characteristics  
At Various Loadings

**POWER PLANT**

Engines  
Engine Accessories  
Propellers  
Lubricating System  
Starters  
Exhaust Dampers

**HYDRAULIC SYSTEM**

**ELECTRICAL SYSTEM**

Auxiliary Plant  
Lights

**FUEL SYSTEM**

**FLIGHT CLOTHING**

**MAINTENANCE**

**BASE FACILITIES**

Plane Servicing Equipment  
Personnel Facilities

REPORT PREPARED BY:

*J. S. Kemper, Jr.*  
**J. S. KEMPER, Jr., Lt., USNR**  
SIGNATURE **A.C.I. Officer** RANK AND DUTY

APPROVED BY:

*V. V. Utgoff*  
**V. V. UTGOFF, Lt. Comdr., USN**  
SIGNATURE **Commanding.** RANK AND DUTY

DATE