

AIRCRAFT ACTION REPORT

RESTRICTED
(Reclassify when filled out)

I. GENERAL

CONFIDENTIAL

(a) Unit Reporting VC-77 (b) Based on or at USS HUDYERD BAY (CVE-81) (c) Report No. VC77 #4
 (d) Take off: Date D-Day; 2/19/45 Time (LZT) 1530(K) (Zone); Lat. 24° 47'N Long. 141° 19'E
 (e) Mission TARGET Combat Air Patrol - IWO JIMA (f) Time of Return 1830(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)		
<u>FM-2</u>	<u>VC-77</u>	<u>4</u>	<u>-</u>	<u>4</u>	<u>-</u>	<u>-</u>

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

TYPE	SQUADRON	NUMBER	BASE	TYPE	SQUADRON	NUMBER	BASE
<u>FM-2</u>	<u>VC-</u>	<u>4</u>	<u>U.S.S. BISMARCK SEA (CVE-95)</u>				

IV. ENEMY AIRCRAFT OBSERVED OR ENGAGED (By Own Aircraft Listed in II Only). None

(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 _____ (k) Visibility _____
(NIGHT, BRIGHT MOON; DAY, OVERCAST; ETC.) (MILES)

V. ENEMY AIRCRAFT DESTROYED OR DAMAGED IN AIR (By Own Aircraft Listed in II Only). None

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

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VI. LOSS OR DAMAGE, COMBAT OR OPERATIONAL, OF OWN AIRCRAFT (of those listed in II only). None

(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). None

(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	
FM-2	22	22	3.0	233 Gal	158		1040			4

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

CALIBER	NONE	MEAGER	MODERATE	INTENSE
HEAVY — Time-fused shells, 75mm and over	X			
MEDIUM — Impact-fused shells, 20mm-50mm	X			
LIGHT — Machine gun bullets, 6.5mm-13.2mm	X			

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

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

Performance of FM-2 entirely satisfactory and normal.

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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(s) and Location(s) **Edge of landing strip - Airfield #2 - IWO JIMA** (b) Time Over Target(s) **1800(K)** (Zone)
(FOR SHIPS INCLUDE ALL IN AREA UNDER ATTACK)
- (c) Clouds Over Target _____
(BASE IN FEET, TYPE AND TENTHS OF COVER)
- (d) Visibility of Target **Hazy - obscured by smoke** (e) Visibility **5 miles**
(CLEAR, HAZY, PARTIALLY OBTSCURED BY CLOUDS, ETC.) (MILES)
- (f) Bombing Tactics: Type **strafing run - Glide** Bomb Sight Used **Mk 8 - gunsight**
(LEVEL, GLIDE OR DIVE) (TYPE)
- Bombs Dropped per Run _____ Spacing _____ Altitude of Bomb Release _____
(NUMBER) (FEET) (FEET)
- (g) Number of Enemy Aircraft Hit on Ground: Destroyed _____ Probably Destroyed _____ Damaged _____

(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 Targets of opportunity in area 183 ABCDAE		4 - FM-2 VC-77	Strafing run 1050 rounds	Unobserved	Unobserved
2		4 - FM-2 VC-?	Strafing run	Unknown	Unobserved
3		(BISMARCK SEA)			
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).

Target area obscured by smoke and dust, so impossible to estimate extent of damage done.

(p) Were Photographs Taken? **Yes*** Photographs of Damage, When Taken, Should Be Attached By Staple.
*** Gun Camera used on one plane.**

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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

Four FM-2's from CVE-81 took off at 1530(K) and rendezvoused with 4 VF from the U.S.S. BISMARCK and 4 VF from the U.S.S. LUNGA POINT. The BISMARCK flight was the leader of the combined group.

After orbiting reference points NAN and MIKE until 1750(K) instructions were received from GLACIER (CASCU) for VC-77 and BISMARCK planes to strafe targets of opportunity in areas 183 ABCD&E, adjoining the east - west runway of # 2 airfield.

The group circled the island counter clockwise once to get into position and only one run was made from SE to NW starting the dive at 9,000' and pulling out at about 2,000'.

The smoke and haze over the area was so intense it was hardly possible to see the target area, and no results could be observed.

All planes returned safely to base.

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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

The two outboard guns on one of the FM-2 froze after approximately 80 rounds had been fired. It is believed that pilot maintained fire for too long a period. Inboard guns were satisfactory.

All other equipment functioned normally.

REPORT PREPARED BY:

APPROVED BY:

T. D. PHILLIPPS, Lieut. AGI Off. VC77

R. W. NEWELL, Lieutenant

SIGNATURE

RANK AND DUTY

SIGNATURE

RANK AND DUTY

DATE

Acting Commanding Officer