



DEPARTMENT OF THE NAVY
FIGHTER SQUADRON TWO
FPO SAN FRANCISCO 96601

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IN REPLY REFER TO:
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Ser C-6

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From: Commanding Officer, Fighter Squadron TWO
To: Chief of Naval Operations (OP-05D2)

Subj: OPNAV Report 5750-1; submission of

Ref: (a) OPNAVINST 5750.12C

Encl: (1) Fighter Squadron TWO Command History for the period
1 January 1982 to 31 December 1982

1. In accordance with reference (a), enclosure (1) is submitted.

D. C. Bouck
D. C. BOUCK

Copy to:
Director of Naval History (OP-09BH)
COMNAVAIRPAC (Code 012)
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**Command History of Fighter Squadron TWO
1 January 1982 to 31 December 1982**

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I. BASIC HISTORY

A. COMMAND ORGANIZATION

1. FIGHTER SQUADRON TWO COMMAND DATA

COMMANDING OFFICER: Dudley C. Bouck, CDR, USN

EXECUTIVE OFFICER: Paul Ringwood, CDR, USN

SQUADRON MISSIONS:

A. To sustain at all times the capability to establish and maintain Maritime Air Superiority in the vicinity of the Task Force.

B. To project power ashore in support of strike operations and maintain air supremacy in the vicinity of a strike group.

C. To provide a tactical reconnaissance capability in support of the power projection role of the Task Force.

SENIOR ADMINISTRATIVE COMMAND: Commander Fighter Airborne Early Warning Wing, U.S. Pacific Fleet

SENIOR OPERATIONAL COMMAND: Commander Carrier Air Wing TWO

AIRCRAFT: GRUMMAN F-14A BUREAU NO'S: 158986, 158988, 159837,
*161273, *161275, *161276, 161289, 161291,
161293, 161295, 161297, 161299

DEPLOYMENTS: USS RANGER (CV-61): 16 JAN - 27 FEB 82
7 APR - 18 OCT 82

*Configured to carry the Tactical Air Reconnaissance Pod System (TARPS).

B. SUMMARY OF OPERATIONS

1. CHRONOLOGICAL HISTORY

01 JAN-15	JAN	TYPE TRAINING-NAS MIRAMAR
16 JAN-27	FEB	REFRESHER TRAINING-USS RANGER, ORE
28 FEB-06	APR	TYPE TRAINING-NAS MIRAMAR
07 APR		DEPART SAN DIEGO ONBOARD USS RANGER FOR WESTPAC DEPLOYMENT
08 APR-10	APR	REFRESHER/CYCLIC OPS SOCIAL OPAREA
11 APR-25	APR	RIMPAC '82
26 APR-29	APR	INPORT PEARL HARBOR, HAWAII
30 APR-12	MAY	TRANSIT TO SUBIC BAY, RP
11 MAY		CONRECEX 2-82
13 MAY-17	MAY	INPORT SUBIC BAY, RP
17 MAY-21	MAY	TRANSIT TO SINGAPORE
22 MAY-26	MAY	INPORT SINGAPORE
27 MAY-28	MAY	TRANSIT STRAITS OF MALACCA
29 MAY-03	SEP	INDIAN OCEAN DEPLOYMENT
04 SEP-12	SEP	INPORT PERTH, AUSTRALIA
13 SEP-22	SEP	TRANSIT LOMBOK AND MAKASSAR STRAITS
20 SEP		VF-2 CHANGE OF COMMAND, SULU SEA
23 SEP-27	SEP	INPORT SUBIC BAY, RP
01 OCT-17	OCT	TRANSIT TO SAN DIEGO
11 OCT		INPORT PEARL HARBOR, HAWAII
17 OCT		FLY-OFF TO SAN DIEGO
18 OCT		INPORT SAN DIEGO
19 OCT-31	DEC	TYPE TRAINING-NAS MIRAMAR

C. SPECIAL TOPICS

1. Achievements in Combat Readiness.

a. Flight Hours:

(1) Total Hours Flown: 4496.0

(a) Day: 3488.8

(b) Night: 1007.2

(2) Total Embarked Hours: 3345.8

(a) Day: 2538.4

(b) Night: 807.4

b. Ship Landings:

(1) Total Carrier Arrested Landings: 1690

(a) Day: 1155

(b) Night: 535

2. Achievements in Weapon Systems Readiness.

a. Aircraft Availability (based on Maintenance, Material, and Management 3M data):

(1) Full Mission Capable (FMC) Rate: 48.8%

(2) Mission Capable (MC) Rate: 64.4%

b. Cannibalization Rate Per 100 Flight Hours (3M data): 16.6

c. A-799 Rate (3M data): 4.7%

d. Material Condition:

(1) Corrosion Control Inspection: SAT on Pre, Mid, and Post-Cruise inspections.

3. Achievements in Combat and/or Combat Exercises.

a. ORE Results: Overall grade of OUTSTANDING. Highest grade in CVW-2.

b. Competitive Exercises:

Total E's - 93

Q's - 0

NQ's - 0

c. Missile Firing:

<u>BUNO</u>	<u>TYPE MISSILE</u>	<u>NUMBER FIRED</u>
159837	AIM-9H	1
159852	AIM-7E-4	1
159858	AIM-7F	1
	AIM-9H	1
161276	AIM-7E-4	1
	AIM-9H	3
161289	AIM-54	1
	AIM-9H	1
161291	AIM-9H	1
161293	AIM-54	1
	AIM-9H	2
161295	AIM-9H	1
161297	AIM-54	1
	AIM-9L	2
161299	AIM-9L	1

d. Ordnance Expenditures:

(1) Missiles-100% of allowance (4AIM-7E-4 missile assets not available-all allocated missiles expended).

(2) 20 MM TP-100% of allowance

(3) 20 MM HEI-100% of allowance

(4) Chaff-100% of allowance

(5) Flares-100% of allowance

e. Major Exercises:

- (1) MIDPAC and READIEX 2-82 aboard USS RANGER, Jan - Feb 82.
- (2) RIMPAC 82. Major AAW exercise involving a 360 degree threat, Apr 82.
- (3) TRANSITEX 9-82. Covert WESTPAC transit Apr - May 82.
- (4) READEX 82. Three-carrier CVBF composed of USS RANGER, USS CONSTELLATION, and USS MIDWAY, May 82. 36-hour continuous three-carrier coordinated AAWEX.
- (5) CONRECEX 2-82. CTF-70-tasked exercise to evaluate all aspects of tactical reconnaissance utilizing the F-14 TARPS.
- (6) BEACON FLASH 82-7. USN - Sultanate of Oman Air Force exercise in Northern Arabian Sea, Jun 82.
- (7) GONZOEX. Northern Arabian Sea Exercise, Jun 82.
- (8) BEACON FLASH 82-8. USN - Sultanate of Oman Air Force exercise in Northern Arabian Sea, Jul 82.
- (9) WEAPONS WEEK - Air-to-air and air-to-ground weapons delivery exercises in Diego Garcia oparea, Aug 82.

4. Achievements in Aviation Safety.

a. Total Continuous Hours Accident Free: 14,359.5.

b. Class A Mishaps: None.

c. Class B Mishaps: Two (flight).

(1) 01-82 - Engine FOD caused by ingestion of calfax barrel of unknown origin.

(2) 02-82 - Engine FOD caused by ingestion of troubleshooter's goggles and microphone.

d. Class C Mishaps: One (ground).

(1) 01-82 - Heat damage to stabilizer caused by tailpipe fire.

e. Safety Reports: 33.

f. NATOPS Changes Submitted: 3.

5. Contributions to Weapons System Development.

a. Performed the first-ever AIM-54 shot at a 60,000'/2.2 Indicated Mach Number (IMN) "Fleet Vandel" TALOS missile which resulted in a direct hit and supplied valuable Tactical Data Recording System (TDRS) and Telemetry (TM) data.

b. Developed a vertical display boresight alignment method for armament datum line alignment which provides for an inexpensive, locally produced tool to replace a costly, cumbersome, one-of-a-kind prototype. The tool will greatly enhance Heads Up Display (HUD) presentation accuracy and overall aircrew performance with air-to-air and air-to-ground weapons. The design has been approved by COMNAVAIRPAC and has been forwarded to COMNAVAIRSYSCOM for further evaluation.

c. Tested F-14 TARPS standoff reconnaissance capability in the Indian Ocean and forwarded detailed information and recommendations to COMNAVAIRPAC.

6. Contributions to Tactics Development.

a. Coordinated the most far-reaching improvements in Carrier Battle Group MAS tactics to date during Fighter Squadron TWO's chairmanship of the CVW-2 AAW Tactics Board, resulting in significant change proposals to the Commander Second Fleet/Commander Third Fleet TACMEMO AZ 3011-1-82/Vector Logic. The product of the AAW Tactics Board during this time was a comprehensive, single-source document that is expected to become the foundation for future AAW air asset employment.

b. Submitted two "Vector Logic Considerations" papers to COMFITAEWINGPAC which examined the effectiveness of Vector Logic carrier defense during READIEX 2-82, RIMPAC 82, and READEX 82, and recommended improvements to current Vector Logic procedures.

c. Planned, briefed, and coordinated eight major CVW-2 AAW exercises, each of which involved significant new tactical considerations.

d. Provided Airwing TWO with a major revision proposal to the MAS Training TACPRO.

e. Provided COMNAVAIRPAC with major revision proposals involving F-14 tactics to the NWP-52 Power Projection Manual.

f. Conducted a detailed briefing on F-14 capabilities and tactics for each squadron in CVW-2 in order to provide strike and AAW planners with a better understanding of how to integrate the F-14 into major operational exercises and increase the effectiveness of air wing low-level ingress tactics.

g. Conducted a comprehensive series of briefings on Soviet anti-CV tactics for CVW-2 squadrons which stimulated contributions to Air-to-Air Warfare (AAW) doctrine.

h. Authored a contingency reconnaissance post-exercise report which provided lessons learned and recommendations for future CONRECEX's and was forwarded to CTF SEVEN ZERO, COMNAVAIRPAC, and COMFITAEWINGPAC.

i. Authored the CVW-2 "Tactical Reconnaissance" Tactical Procedures (TACPRO).

j. Formulated Indian Ocean fighter contingency operational plans for the 1982 Indian Ocean deployment.

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k. Participated in the highly successful Rising Fighter exercise in support of a COMFITAEWINGPAC TAC D and E program to evaluate advanced F-14 fighter tactics (10-17 Dec 82). Tactics developed by Fighter Squadron TWO have been considered the most effective used to date in the program. In comparison with the overall kill ratio of 0.5:1 achieved by all other fighter squadrons in the VID scenario, Fighter Squadron TWO aircrews achieved an unprecedented 11:1 ratio.

7. General Contributions to Individual Community.

a. Submitted a comprehensive article entitled "Dispelling the Myths Surrounding F-14 Fuel Tanks" which will appear in the Spring edition of the Topgun Journal.

b. Submitted to COMFITAEWWINGPAC effective procedures to solve the problems of storing and handling TARPS film in a high-humidity environment.

c. Verified the organizational and intermediate level TARPS maintenance manuals for the Naval Air Technical Facility.

d. Identified the FOD hazard of unsecured screws in the APN-194 Radar Altimeter Antenna, and recommended corrective procedures which have been adopted by NARF Norfolk and F-14 squadrons Navy-wide (AFB NR 245).

e. Participated in and contributed significant data to the F-16/J-79 flight performance program to evaluate a potential Navy follow-on adversary aircraft.

f. For his significant individual contributions to carrier aviation and the fighter community, LCDR Robert F. WILLARD of VF-2 was awarded the 1982 COMNAVAIRPAC Top Tailhooker Award.

8. Achievements in Personnel Readiness.

a. Retention Rate:

(1) Officers: 98%

(2) Enlisted:

(a) First Term: 61%

(b) Second Term: 82%

(c) Career: 91%

b. Advancement (enlisted):

(1) Number Eligible: 222

(2) Number Advanced: 105

(3) Number PNA: 70

9. Commanding Officer's Comments.

1982 has been the most successful year in BOUNTY HUNTER history. The squadron has shattered every previous operational, maintenance, safety, and administrative record. The following are highlights of this year's accomplishments:

*Achieved the highest ORE score in Airwing TWO and the highest ever by this squadron.

*Achieved the best ORE TARPS mission performance to date of any F-14 squadron east or west coast.

*Broke the previous squadron monthly sortie and flight hour record in June by flying 311 sorties (a 43 sortie/14% increase) and 640 hours (a 105.1/16% increase).

*Broke the squadron fiscal year sortie and flight hour record.

*maintained the highest possible combat readiness rating for aircrew training during the 1982 deployment.

*All squadron aircrew completed phase II of the turnaround ACM Program (TAP II) in March 1982 with a better than 5:1 kill ratio, the best-ever performance by a fleet fighter squadron by a large margin.

*Recognized by CTF 70 for providing the Fleet Intelligence Support Center WESTPAC their best aerial photographic imagery in three years while conducting CONRECEX 2-82 with squadron TARPS aircraft (May 82).

*Had no SPINTAC aircraft for the entire year.

*Were FOD-free for 323 days (220 deployed) during which time squadron flew 4045.9 hours and made 1690 arrested landings. This is an all-time west coast F-14 squadron record.

*Completed CY82 with the lowest FOD rate of any COMNAVAIRPAC fighter squadron.

*Increased CY81 FMC and MC rates by 17.6% and 16.1% respectively.

*Decreased CY81 cannibalization and A-799 rates by 21.4% and 2.9% respectively.

*Received comments of "Outstanding" and "Best aircraft in the Airwing" from mid-cruise corrosion control inspectors.

*Completed the fastest no-notice missile loadex ("SILVER STREAK") of four Phoenix, two Sparrow, and two Sidewinder missiles of any deployed squadron to date, east or west coast, completely shattering the existing record.

*Achieved zero personnel injuries during the 1982 deployment.

*Thirteen aircrews received 500 accident-free hour citations and four aircrew received 1000 accident-free hour citations.

*Exceeded AIRPAC's FY82 First Tour, Second Tour, and Career enlisted retention figures by 82%, 9% and 18% respectively, improving the squadron's CY81 figure by 2%, 6%, and 3% respectively. First tour and overall retention figures continue to lead the entire west coast F-14 community

*Experienced a 40% decrease in CO's NJP cases over the preceding year.

*Received award as top Pacific fleet fighter squadron in the 1982 Combined Federal Campaign.

*Runner-up for the 1982 "MUTHA" award given by VF-124 to the best F-14 squadron in the west coast fighter community in June 1982. This is the first time that a deployed squadron has ever been singled out.

*Runner-up for the 1982 Golden Anchor Award; number one among west coast F-14 squadrons.