



DEPARTMENT OF THE NAVY
FIGHTER SQUADRON TWO
FPO SAN FRANCISCO 96601-6101

1989

IN REPLY REFER TO:
5750
Ser 17/065
2 March 1989

From: Commanding Officer, Fighter Squadron TWO
To: Director of Naval History (OP-09BH)

Ref: (a) OPNAVINST 5750.12D

Encl: (1) Fighter Squadron TWO Command Data
(2) Commanding Officer's Biography
(3) Executive Officer's Biography
(4) 1988 Rear Admiral Joseph C. Clifton Award Submission
(5) VF-2 Command Highlights - 1988
(6) 1988 Narrative History
(7) 1988 Change of Command Brochure
(8) Current Squadron Emblem
(9) Current Squadron Aircraft Photograph
(10) Current Squadron Photograph

Subj: SUBMISSION OF FITRON TWO 1988 COMMAND HISTORY REPORT

1. The following can be found as noted:

a. Command Organization:

- (1) Fighter Squadron TWO Command Data (Enclosure (1)).
- (2) Biography of Commanding Officer (Enclosure (2)).
- (3) Biography of Executive Officer (Enclosure (3)).

b. Special Topics: (all contained in Enclosure (4)).

- (1) Achievements in Combat Readiness.
- (2) Weapons Delivery and Capability.
- (3) Weapons Systems Readiness Development.
- (4) Weapons System/Tactics Development.
- (5) Safety.
- (6) Personnel.

c. Summary of Operations:

- (1) VF-2 Command Highlights - 1988 (Enclosure (5)).
- (2) 1988 Narrative History (Enclosure (6)).

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d. Supporting Documents:

- (1) 1988 Change of Command Brochure. (Enclosure (7)).
- (2) Current Squadron Emblem. (Enclosure (8)).
- (3) Current Squadron Aircraft Photograph. (Enclosure (9)).
- (4) Current Squadron Photograph. (Enclosure (10)).


M. T. SERHAN

Fighter Squadron TWO Command Data

Commanding Officer: Marvin T. Serhan, CDR, USN

Executive Officer: David L. Jackson, CDR, USN

SQUADRON MISSION:

To sustain at all times the capability to establish and maintain air supremacy in the vicinity of the Task Force.

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

To provide a tactical reconnaissance capability.

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:

162604	162606	162598	162600	160668
160695	*161271	*161275	*161276	159847
159869				

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

Enclosure (1)

1988 REAR ADMIRAL JOSEPH C. CLIFTON AWARD SUBMISSION

Note: To reduce paperwork, both awards are submitted using the Battle "E" format. Asterisked (*) items contain specific information required by OPNAVINST 1650.17A for the RADM Clifton Award.

1. Achievements in Combat Readiness:

- * a. Total Flight Hour Grant: 3082.9
- b. Hours Flown: 3160.4
 - * (1) Day: 2615.8
 - * (2) Night: 544.6
- c. Sorties Flown Day: 1540
- d. Sorties Flown Night: 400
- e. Embarked Hours: 829.8
 - * (1) Day: 490.0
 - * (2) Night: 339.8
- f. Carrier Landings: 491
 - * (1) Day: 261
 - * (2) Night: 230
- g. Carrier Landing Performance: Boarding Rate: 89.88% (95.4% D/84.36% N)
Landing Grade: 3.52
Overall Score: 316.37
- h. ORE (ATA): "...fully ready for Battle Group operations...VF-2 gave an outstanding performance in every aspect of the ATA. Professionalism and expertise demonstrated in all warfare areas and missions."
- i. Command Inspection: 30 Nov - 01 Dec 1988, Satisfactory
- j. CWTPI: Written Examination: 300
Weapons Loading: 300
Release and Control: 276
Aircrew Examination: 300
Total Points: 1176 of 1200
- k. Awards: - Meritorious Unit Commendation (18 Feb 88)
(North Arabian Sea Operations)

REPRODUCED AT GOVERNMENT EXPENSE

Enclosure (4)

- 1987 COMNAVAIRPAC "Boola-Boola" Trophy (14 Apr 88)
(Third Consecutive Award)
- Armed Forces Expeditionary Medal (14 Apr 88)
- COMFITAERWINGPAC 1987 Sea Sailor of the year (29 Apr 88)
(Selectee - PRL Perry)
- Tomcat Ball Sports Trophy (13 Aug 88)
- COMNAVAIRPAC Gold Award for 1988 CFC contribution (21 Dec 88)
(Highest CNAP Fleet Squadron \$15,500)

2. Weapons Delivery and Capability

- a. ACM COMPEX: E Q N
 A-11-F (OFF) 6 6 0
- b. Gunnery COMPEX:
 A-1-F (A/A) 25 0 0
 A-2-F (A/G) 20 0 0
- c. Air-to-air Missile COMPEX:
 A-AIM9-F 12 0 0
 A-AIM7-F 16 0 0
 A-AIM54-F 8 0 0
- d. ECOM COMPEX Score: Pending (20 kills) (CFAWP)
- e. Misc. COMPEX:
 Fighter Derby Score: Pending (CFAWP)
 High Noon Score: Pending (CFAWP)
 A-22-P (TARPS) 8 0 0
- Total COMPEXES: 95 6 2
- f. Missile Success Rate: Pending drone conservation determinations
 (CFAWP/CNAP/PMIC).
- g. No-notice MISSILEX/LOADEX:
- | Date | Type | Score |
|-----------|----------|---------|
| 01 Mar 88 | LOADEX | 90 |
| 01 Mar 88 | MISSILEX | 135 |
| 29 Nov 88 | LOADEX | Pending |
| 29 Nov 88 | MISSILEX | Pending |
- h. Missile Captive Carry Hours:
 Phoenix: 151.9 hrs
 Sparrow: 293.4 hrs
 Sidewinder: 1030.3 hrs
- i. Missile firings:
- | Date | A/C BUNO | Station | Type |
|-----------|----------|---------|--------|
| 01 Mar 88 | 162600 | 8B | AIM-7E |
| 01 Mar 88 | 162600 | 1A | AIM-9H |

01 Mar 88	162602	8B	AIM-7E
01 Mar 88	162602	8A	AIM-9H
01 Mar 88	162596	1A	AIM-9H
25 Mar 88	162606	6	AIM-54A
25 Mar 88	162604	6	AIM-54A
25 Mar 88	162606	8B	AIM-7F
25 Mar 88	162606	1A	AIM-9H
18 May 88	161275	8B	AIM-7F
18 May 88	162594	8B	AIM-7F
25 Aug 88	162598	8A	AIM-9M
25 Aug 88	162606	1B	AIM-7E
18 Nov 88	162604	8B	AIM-7F
18 Nov 88	162606	1A	AIM-9H
29 Nov 88	162604	8B	AIM-7E
29 Nov 88	161271	8B	AIM-7F
15 Dec 88	160668	6	AIM-54A
15 Dec 88	159847	6	AIM-54A

* j. Ordnance Expenditures (FY 88 figures)

- (1) Missiles: 100% of allowance
- (2) 20 MM TP: 88.5% of allowance
- (3) 20 MM HEI: 54.4% of allowance
- (4) Chaff: 72.6% of allowance
- (5) Flares: 45.3% of allowance

* k. Major Exercises:

- (1) 1 Mar: No-notice Missile Exercise
- (2) 11-19 Mar: DACM detachment to Klamath Falls, OR - F-14s vs F-4s
- (3) 07 May: "High Noon" Air-to-Air Gunnery Competition
- (4) 26 May-17 Jun: FFARP
- (5) 1-28 Jul: CQ/REFTRA aboard USS Ranger
- (6) 08-09 Aug: Fighter Derby 1988
- (7) 16-17 Aug: TARPS Derby competition 1988
- (8) 18-30 Sep: Air wing Fallon detachment
- (9) 04-07 Oct: Fleet Air Superiority Training (FAST)
- (10) 13-21 Oct: Fleet Week - San Francisco aboard USS Ranger
- (11) 24 Oct -22 Nov: CQ/Airops/ATA USS Ranger
- (12) 29 Nov: No-notice Missile Exercise

(13) 30 Nov: No-notice Admat inspection - COMFITAEBWINGPAC

(14) 20 Dec: CWIPI

(15) Seven missile exercises throughout year - 19 missiles shot

3. Weapons System Rediness (SCIR Data)

Mo	a. <u>FMC Rate %</u>	b. <u>MC Rate %</u>	c. A799 Rate <u>%/0+I Items/Tot Items</u>	d. A/C util <u>%/Avg A/C</u>
Jan	48.1	75.0	3.03/039/1283	04.7/10.6
Feb	41.5	63.6	9.81/161/1640	21.1/09.8
Mar	45.8	71.0	5.89/115/1950	33.9/10.0
Apr	63.6	79.7	4.42/077/1742	24.4/08.8
May	56.9	74.8	4.59/100/2175	33.6/10.0
Jun	47.8	56.7	6.37/129/2023	34.2/07.7
Jul	63.3	68.6	4.86/077/1582	58.2/06.0
Aug	63.5	70.0	5.45/094/1724	47.0/04.8
Sep	74.7	78.5	7.48/155/2070	47.4/06.0
Oct	62.2	67.8	4.34/111/2555	50.1/06.0
Nov	47.6	61.0	4.18/080/1913	49.7/08.6
Dec	SCIR Data not posted at time of submission.			
Total	55.9 (sum/11)	69.7 (sum/11)	5.50/1138/20657 (direct calculation)	36.75/8.02 (sum/11)

e. Cannibalization Rate per 100 Flight Hours: 31.26
(977 items as of 12/23; 3125.1 hrs as of 12/23)

f. Corrosion Control:

Post-Cruise Inspection: 13 Jan 88, Grade: Satisfactory

* g. IWSR Results: Overall adjective grade: Outstanding (98)

4. Weapons Systems/Tactics Development

a. Assist to RDT & E units and other tactical contributions:

(1) National Security Industrial Association (NSIA) -AAW Committee.
Submitted extensive point paper for the 10 Nov 88 meeting highlighting, in the Command's view, the leading items for industrial weapons systems development.

(2) Battle Group Mettings. Active participant to integrate fighter tactics into the large scale tactical scope; to meet current-world battle group tactical objectives.

(3) Battle Group Staff Tactical Team Training. Participated in scenario driven, real-time exercises with all battle group representatives. Developed current AAW tactics and OPTASKS.

(4) Tactical SOP. Along with sister squadron, developed and published an airwing, fighter tactical SOP. One common set of procedures for both fighter squadrons.

(5) Turnaround Training Strike Missions. Participated and led numerous coordinated airwing strike missions throughout the initial portion of the turnaround training cycle. Maintained air wing tactical continuity and continued development of new and improved tactics.

(6) AIM-54C + Captive Carry Program. Obtained C+ missiles from VX-4 to enhance the FOT&E program and for aircrew/ordnancemen tactical awareness and training.

(7) Missile Exercises. Participated in numerous OPTEVFOR FOT&E missile firings expanding the data base for weapons system/missile performance and evaluation.

(8) OAG. Actively participated and introduced current agenda proposals for increased F-14 reliability/capability.

(9) NAS Fallon TACTS validation. Flew sorties to validate the new TACTS range and the TACTS pod system at NAS Fallon. Air-to-air missile employment was verified during this flight phase.

(10) Aux Power Unit for F-14D. Submitted point paper highlighting the maintenance, economic and tactical advantages of incorporating an APU in the F-14D.

b. RAMECs and beneficial suggestions:

- (1) RAMEC. "Ejection seat rocket motor initiator testing blocks".
- (2) Benny Sugg 8801. Ejection seat protective cover with integral seat pin bag. \$250.00 award.
- (3) Benny Sugg 8802. F-14 intake reconfiguration. Pending in-house.
- (4) Benny Sugg 8803. Pre-flight switch set-up. Pending in-house.
- (5) Benny Sugg 8901. Aircraft mishap kit addition. Pending in-house.
- (6) Benny Sugg 8902. Radar altimeter change. Pending in-house.

5. Safety

a. Mishap (Class A): One

VF-2 Class A flight mishap 01-88, 22 Sep 88: Aircraft departed controlled flight during air combat maneuvering training mission and impacted ground. Aircrew successfully ejected.

b. Mishap (Class B/C): One

VF-2 Class C flight mishap 01-88, 09 Dec 88: During low level navigation portion of flight, aircrew experienced compressor stall and dynamic loss of port engine. Post flight inspection revealed number three ramp dislodged from assembly, engine FODed and damage to engine intake.

c. Safety Reports

3750.6 reports: 02
4790.2 reports: 33

5102.1 reports: 01

Total: 36

d. NATOPS Evaluation Grade: Overall grade: Satisfactory. 20 Apr 88, 22 of 22 aircrew, closed book test score: 3.93, boldface test score: 4.00.

e. NATOPS Contributions: One change submitted

f. FOD rate: 1.26 (based on 4 FODs in 3160.4 flight hours)

g. Safety Pro's of-the-Week

(1) Oct 88: ADAN [REDACTED]. CFAWP. For quick, decisive action to put out an A-6E fire in NAS Fallon's fuel pits.

(2) Nov 88: AEC [REDACTED]. CFAWP. For a life saving act by physically keeping a shipmate from being sucked down an F-14 intake.

(3) Dec 88: LT [REDACTED]/LCDR [REDACTED] Pending CFAWP. For professional execution of NATOPS procedures and flawless crew coordination during an F-14 compound emergency.

6. Personnel

a. Retention:

	<u>Elig</u>	<u>Not Elig</u>	<u>Reen</u>	<u>Gross</u>	<u>Net</u>	<u>Fleet Res</u>
(1) 1st Term:	56	19	39	52.0%	69.6%	0
(2) 2nd Term:	10	0	8	80.0%	80.0%	0
(3) Career:	25	2	24	88.8%	96.0%	3

b. Advancement:

(1) Number Eligible:	206
(2) Number Taking Test:	193
(3) Number Advanced:	50
(4) Number Passed but not advanced	137

VF-2 COMMAND HIGHLIGHTS - 1988

01 - 31 Jan Post-deployment standdown

11 Jan Safety standdown

20 Jan Cruise debrief

16 Feb Safety standdown

18 Feb Presented Meritorious Unit Commendation by COMFITAEWINGPAC

21 Feb Performed fly-by for Hotel del Coronado 100th birthday celebration

25 Feb Aircrews visited Nellis AFB threat museum

28 Feb Command completed fifth year mishap free

01 Mar No-notice MISSILEX - five missiles shot

08 Mar Notified that command won third consecutive Boola Boola award

11 - 19 Mar DACM detachment to Klamath Falls, Oregon - F-14s vs F-4s

21 Mar Flew RADM Schwaab (COMNAVSAFCEM)

25 Mar MISSILEX - four missiles shot

26 Mar Presented static display for Naval Space Command & RADM Carlsen

01 Apr Hosted University of Oregon crew team - Fighter Aviation Fam

14 Apr Command awarded FY-87 Boola Boola trophy by COMNAVAIRPAC

14 Apr Command received Armed Forces Expeditionary Medal

20 Apr Unit NATOPS evaluation conducted by VF-124

22 Apr Hosted 93 Portland, Oregon Educators - Fighter Aviation Fam

22 Apr Hosted Gary Hurst - "Make a wish" tour of fighter aviation

27 Apr Hosted NMPC budget analysis - retention seminar

29 Apr Safety standdown

29 Apr PRL [REDACTED] presented COMFITAEWINGPAC Sailor of the Year Award

07 May "High Noon" Air-to-Air Gunnery Competition

11 - 13 May Conducted DACM with visiting F-15 squadron from Eglin AFB

16 - 17 May Conducted flights to validate NAS Fallon TACTS range

REPRODUCED AT GOVERNMENT EXPENSE

18 May MISSILEX - two missiles shot
 24 May Participated in VF-124 sponsored many vs many exercise
 26May - 17Jun FFARP
 03 Jun Change of Command - CDR Serhan relieved CDR Dodge
 06 - 17 Jun Detached to NAF El Centro for FFARP
 22 Jun Conducted TARPS flights to locate F/A-18 wreckage near Mono Lake
 27 Jun Conducted flights at NAS Fallon to validate new TACTS pod system
 07 Jul Midshipmen orientation flights
 08 Jul Officer pistol qualifications - .45 cal
 12 - 28 Jul CQ/REFTRA aboard USS Ranger
 24 Jul Safety standdown
 27 Jul Flew Air Force B-52/B-1 pilots - AAW cross training
 05 Aug Hosted 15th annual Bullet Blowout
 05 - 25 Aug Captive carried AIM-54C+ missiles supporting VX-4 RDT&E
 08 - 09 Aug Fighter Derby 88
 13 Aug Awarded Tomcat Sports Trophy at Tomcat Ball
 16 - 17 Aug TARPS Derby Competition 88
 22 - 24 Aug Participated in Battle Group Tactical Team Training Exercise
 24 Aug Hosted Meadowlark Lemon - ESPN Christmas Special filming
 25 Aug MISSILEX - two missiles shot
 29 - 31 Aug Conducted graded strafing exercises on Yuma ranges
 31 Aug Conducted Saylor Creek, Idaho TARPS flights - Fallon target folders
 01 - 09 Sep Flew assigned reserve crews in support of Fleet Fly Program
 16 Sep Camouflaged squadron aircraft for Fallon detachment
 18 - 30 Sep Air wing Fallon detachment
 22 Sep Class A flight mishap - Bullet 201
 03 Oct Safety standdown

04 - 07 Oct Fleet Air Superiority Training (FAST)
13 - 21 Nov Fleet Week - San Francisco, detachment aboard USS Ranger
18 Oct COMFITAEWINGPAC NATOPS test
20 Oct CWIPI - aircrew portion
22 Oct Dependents' Cruise - USS Ranger
24Oct-22Nov CQ/Airops/ATA USS Ranger
22 Nov MISSILEX - two missiles shot
28 Nov Safety standdown
29 Nov No-notice MISSILEX - two missiles shot
30 Nov No-notice ADMAT inspection - COMFITAEWINGPAC
09 Nov Class C flight mishap - Bullet 212, ingested left ramp
13 Dec All hands pre-deployment briefing
15 Dec MISSILEX - two missiles shot
19 - 31 Dec FCLP in preparation for READIEX
20 Dec CWIPI - maintenance portion
21 Dec Command received CNAP "Gold Award" for CFC contribution

NARRATIVE HISTORY

Fighter Squadron TWO conducted an extensive turnaround training program in 1988. Training was performed in preparation for a six month WESTPAC/Indian Ocean deployment with Carrier Air Wing TWO, aboard USS Ranger (CV-61). Deployment was scheduled to commence in late February 1989. Training exercises through 1988 were tailored to train aircrews in power projection, maritime air superiority and reconnaissance missions.

The VF-2 Bounty Hunters departed in March of 1988 for Klamath Falls, Oregon where they participated in defensive air combat maneuvering against Air Force F-4 Phantoms.

Shortly after returning to Miramar in April Fighter TWO was awarded an unprecedented third consecutive "Boola Boola" award for outstanding weapons systems proficiency.

In May VF-2 took to the skies once again and recorded over 30% hits in the "High Noon" Air-to-Air Gunnery Competition.

NAF El Centro was home to the Bounty Hunters for much of June while they completed Fleet Fighter ACM Readiness Program (FFARP).

In July the "tailhookers" hooks were made razor sharp during a two week carrier qualification/refresher training stint aboard USS RANGER.

After a successful integrated air wing detachment to NAS Fallon, Nevada in September, the Bounty Hunters rounded out Calendar year 1988 with a one month long advanced training assessment aboard USS RANGER in November.

Enclosure (6)