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HISTORY





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3901ST STRATEGIC MISSILE EVALUATION SQUADRON

July-September 1973

Volume I *2 II*

Assigned to  
Headquarters Strategic Air Command

Stationed at  
Vandenberg Air Force Base, California

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WILLIAM H. SANDS  
Colonel, USAF  
Commander

19 December 1973  
Date

3-8475-15  
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I N T R O D U C T I O N

(U) This history covers the activities of the 3901st Strategic Missile Evaluation Squadron during the time period of 1 July - 30 September 1973. Five bases were evaluated during the quarter and all but Vandenberg AFB, California showed a regression in ratings. A great deal of time was spent by squadron personnel in continuing corroboration of the Strategic Air Command's staff support visit requirements.

C H R O N O L O G Y

<u>DATE(S)</u>	<u>EVENT</u>
1 July	Colonel W. Sands replaced Colonel J. Lander as Commander of 3901SMES.
3 July	Master Sergeant J. Streetman began the SAC NCO Academy at March AFB, California.
9 - 13 July	Captain Kyle and Senior Master Sergeant Claycomb attended a design review conference at the Martin Marietta Corporation in Denver, Colorado.
9 - 14 July	Captain Kyle and Senior Master Sergeant Claycomb received training as members of the SAC cognizant agent testing team.
9 - 20 July	Unit evaluators evaluated 91SIW at Minot AFB, North Dakota.
10 - 12 July	Squadron personnel attended a post contract award conference with the Hayes Corporation in Birmingham, Alabama.
10 - 12 July	Major F. Shaffer attended a Minuteman planning meeting at Hill AFB, Utah.
10 - 13 July	Master Sergeant J. Dematteis attended a trainer development conference at F. E. Warren AFB, Wyoming.
16 - 20 July	Lieutenant Colonel F. Elonoski and Senior Master Sergeant L. Briggs participated in a conference at Headquarters SAC dealing with manning problems and AFSC conversions.
17 July	The semiannual briefing was presented to Headquarters SAC at Offutt AFB, Nebraska.
23 - 26 July	Master Sergeant F. Holmes attended a technical order verification conference conducted at Minot AFB, North Dakota.
23 - 28 July	Captain L. Cooper and Master Sergeant J. Jensen attended the annual maintenance management conference at Hill AFB, Utah.

CHRONOLOGY

<u>DATE(S)</u>	<u>EVENT</u>
24 - 27 July	Master Sergeant J. Dematteis and Technical Sergeant J. Roach went to Hill AFB, Utah for an OCAMA conducted missile trainers technical review conference.
28 July	The semiannual briefing was presented to Fifteenth Air Force Headquarters at March AFB, California.
30 July - 10 August	3901SMES personnel evaluated the 44SMW at Ellsworth AFB, South Dakota.
31 July - 2 August	Major R. Bennington and Technical Sergeant P. Gates attended a software status conference in Seattle, Washington.
1 August	Major M. Bright was promoted to temporary grade of Lieutenant Colonel.
1 August	The semiannual briefing was presented to Second Air Force Headquarters at Barksdale AFB, Louisiana.
1 - 3 August	Technical Sergeant Roach attended a drawing review for the Wing VI facility trainer upgrade silo program modification.
6 - 9 August	Senior Master Sergeant P. Hager attended a pre-transition meeting of the MK 12 re-entry system at Vandenberg AFB, California.
14 August	Master Sergeant C. Love began USAF Senior NCO Academy at Gunter AFB, Louisiana.
14 - 16 August	Captain L. Cooper attended the weapons system configuration policy review conference at the Boeing Company in Seattle, Washington.
15 - 17 August	Master Sergeant J. Dematteis and Staff Sergeant B. Hopke attended a review conference for the software status authentication system.
20 August - 7 September	Squadron personnel went to the 1st Strategic Aerospace Division at Vandenberg AFB, California.

CHRONOLOGY

<u>DATE(S)</u>	<u>EVENT</u>
24 August	Captain T. Kuenning filled the long vacant slot of chief, training division.
3 - 8 September	Technical Sergeant E. Foote went to Seattle, Washington for a critical design review of electrical ground equipment.
10 - 21 September	The 3901st evaluators evaluated the 341SMW at Malmstrom AFB, Montana.
10 - 21 September	Unit evaluators went to the 390SMW at Davis-Monthan AFB, Arizona.
17 - 20 September	Master Sergeant P. Tramm attended a mechanical ground review at Needham, Massachusetts.
17 - 21 September	Captain McKee, Chief Master Sergeant Walter and Master Sergeant Dematteis conducted a maintenance trainer management program at Headquarters SAC/LGB, Offutt AFB, Nebraska.
17 - 21 September	Senior Master Sergeant P. Hager attended a command review of a proposed revision to AFM 66-1, Vol VI, at Second Air Force Headquarters, Barksdale AFB, Louisiana.
24 - 28 September	Captain G. Cody and Master Sergeant E. Hudson attended a rewrite conference at March AFB, California.



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## CHAPTER I

### SQUADRON STATUS

#### MISSION

(U) The mission of the 3901st Strategic Missile Evaluation Squadron (SMES) has not changed since the publication of the mission statement in the frontispiece of the January - March history of the squadron. The squadron performed five evaluations during the quarter. The squadron's continuing support of hardware conferences and SAC support visits will be discussed in conjunction with the evaluation trips in this and the chapters to follow:

#### ORGANIZATION

(U) The structure of the 3901SMES is explained in depth in the January - March 1973 history of the squadron. In the future this will be the only quarter in which details dealing with organization of the squadron will be discussed.

#### ADMINISTRATION

##### (Key Personnel Changes)

(U) There were seven key personnel changes during the quarter. These changes involved one half of squadron key personnel. The slots showing the turnover were those of the commander; deputy commander for maintenance; assistant deputy commander for maintenance; chief, weapons

1. Interview, AIC R. D. Taylor, historian, with Lt Col M. Bright, 3901SMES/CCE, 26 Oct 73; Personal observations by 3901SMES historian.
2. Hist (S), 3901SMES, Jan-Mar 73, p 2; Personal observations by 3901SMES historian.

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division; chief, support division<sup>3</sup>, chief, training division, and historian.

(U) Colonel William H. Sands replaced Colonel Jack D. Lander as squadron commander on 1 July 1973. Colonel Sands served as vice commander of the 390th Strategic Missile Wing (SMW) at Davis-Monthan Air Force Base (AFB), Arizona (AZ) before coming to the 3901SMES.<sup>4</sup>

(U) Colonel Joseph L. Carlisle left the squadron on 10 July 1973 to become the director of maintenance (missile) at Barksdale AFB, Louisiana (LA). Colonel Thomas W. Wright, the 390th maintenance squadron commander at Davis-Monthan AFB, AZ became his replacement<sup>5</sup> as deputy commander for maintenance in the 3901st.

(U) Lieutenant Colonel Robert E. Adams who was the assistant deputy commander for maintenance retired on 26 July 1973 after 30 years of service. Lt Col Eugene Fisher, Jr., left his position as assistant deputy commander for maintenance of the 91SMW, Minot AFB, North Dakota (ND), to fill the slot vacated by Lt Col Adams.<sup>6</sup>

(U) Lieutenant Colonel Frank J. Klonoski, III, took the place of Lt Col Marvin G. Driesbach on 1 August 1973, the date of Lt Col

3. Personal observations by 3901SMES historian.
4. Special Order G-147, 19 Jun 73, on Col W. Sands, Ex 3; AF Form 2095, "Assignment/Personnel Action," on Col W. Sands, 25 Jun 73, Ex 4; SAC Form 177, "Military Personnel Data," on Col W. Sands, 25 Jun 73, Ex 5; SAC Form 177, "Military Personnel Data," on Col J. Lander, 19 Mar 69, Ex 6.
5. AF Form 2095, "Assignment/Personnel Data," on Col T. Wright, 10 Jul 73, Ex 7; SAC Form 177, "Military Personnel Data," on Col J. Carlisle, 17 Jul 69, Ex 8; SAC Form 177, "Military Personnel Data," on Col Wright, 10 Jul 73, Ex 9.
6. AF Form 2095, "Assignment/Personnel Data," on Lt Col E. Fisher, 26 Jul 73, Ex 10; SAC Form 177, "Military Personnel Data," on Lt Col R. Adams, 18 Jul 72, Ex 11; SAC Form 177, "Military Personnel Data," on Lt Col E. Fisher, 13 Jul 73, Ex 12.

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Driesbach's retirement. Lt Col Driesbach retired after 23 years of service. Lt Col Klonoski moved from chief, support division, to chief, weapons division, and Major Edward P. Westwood took his place. Major Westwood came to the squadron from the 351SMW, Whiteman AFB, Missouri (MO), where he was the chief of quality control.

(U) Captain Thomas E. Kuenning became the new chief of the training division on 4 September 1973. He filled the slot left vacant by Lt Col Bright's assignment to the command section on 1 June 1973. Captain Kuenning came to the squadron from Washington, D.C., where he worked in the office of the directorate of plans in the Air Staff training program.

(U) On 25 July 1973, A1C Richard D. Taylor came to the squadron historian's office as a cross-trainee from the fuels specialist Air Force specialty code (AFSC). He worked with Sergeant Herman L. Moten until Sgt Moten's departure at the end of the quarter. Sgt Moten attended technical school to cross-train into a broadcasting AFSC. (Squadron Financial Expenditures)

(U) Two policy changes became effective on 1 July 1973. One stated that the host base would pay for contract quarters used by evaluating

7. AF Form 2095, "Assignment/Personnel Data," on Lt Col F. Klonoski, 1 Aug 73, Ex 13; AF Form 2095, "Assignment/Personnel Data," on Maj Westwood, 1 Aug 73, Ex 14; SAC Form 177, "Military Personnel Data," on Lt Col Klonoski, 20 Jun 73, Ex 15; SAC Form 177, "Military Personnel Data," on Lt Col Driesbach, 26 May 71, Ex 16; SAC Form 177, "Military Personnel Data," on Maj Westwood, 20 Jul 73, Ex 17.
8. AF Form 2095, "Assignment/Personnel Data," on Capt T. Kuenning, 27 Aug 73, Ex 18; SAC Form 177, "Military Personnel Data," on Capt Kuenning, 4 Sep 73, Ex 19.
9. AF Form 2095, "Assignment/Personnel Data," on A1C R. Taylor, 25 Jul 73, Ex 20; SAC Form 177, "Military Personnel Data," on A1C R. Taylor, 30 Jul 73, Ex 21; SAC Form 177, "Military Personnel Data," on Sgt H. Moten, 1 Feb 72, Ex 22.

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teams when on-base housing was unavailable. The 3901SMES budget  
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was reduced accordingly.

(U) The other change stated that the squadron would pay the  
rental vehicles when the host base was unable to provide all trans-  
11  
portation support required by our evaluation teams.

(U) At the beginning of the quarter there was no money in the  
supplies account to meet supply requirements. On 19 June 1973, an  
arbitrary figure of \$2,000 was allocated for supplies until the  
fiscal year (FY) 1974 budget was submitted and approved. On 23 July  
1973, Captain William A. Scanlon, 3901st resource advisor, called  
Mrs. Elledge of the 4392nd Aerospace Support Group (ASG) and requested  
that an additional \$1,000 be added to the squadron's supply fund  
target for the first quarter of FY 1974. This was to meet low cost  
equipment requirements. This equipment was needed to equip the in-  
flux of PCS personnel. A high turnover of personnel is normal for  
12  
the first and last quarters of the fiscal year.

(U) The proposed budget was approved on 27 August 1973 and \$1,650  
was added to the fund target. With this last allocation the fund  
13  
target total became \$4,650 for the first quarter of FY 1974.

10. Msg, CINCASAC/ACB to 3901SMES/CC, no subject title available, 292004Z Jun 73, Ex 23.
11. Msg, CINCASAC/LGTX to 3901SMES/CC, "Vehicle Rental for SAC Sponsored Inspection Teams," 222155Z Jun 73, Ex 24.
12. Ltr, Col J. Strickland, 3901SMES/DO to 4392ASG/ACB, "FY 74 First Quarter Expensed Supply/Equipment Targets," 19 Jun 73, Ex 25; Ltr, Col J. Strickland, 3901SMES/DO to 4392ASG/ACB, "FY74 Supply Funding Requirements," 24 Jul 73, Ex 26; Interview, AIC R. Raylor, historian, with SSgt J. Burke, 3901SMES/DOY, 5 Nov 73.
13. Meeting, "Financial Working Group Agenda," 27 Aug 73, Ex 27; Interview, AIC R. Taylor, historian, with SSgt J. Burke, 3901SMES/DOY, 5 Nov 73.

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(U) The charts on this and the following page show a detail of squadron expenditures for last quarter and estimated projections for the upcoming three month period.<sup>14</sup>

SUPPLIES

<u>Actual Expenditures</u>	<u>Projected - 2nd Quarter</u>
July - \$1,552	October - \$550
August - \$1,768	November - \$550
September - \$ 754	December - \$550
1st Quarter Supply Total	- \$4,074
2nd Quarter Projected Expenditures	- \$1,650

14. Rpt, "PFMR/OCCR Status & Reconciliation Reports," 27 Jul 73;  
 Rpt, "PFMR/OCCR Status & Reconciliation Reports," 31 Aug 73;  
 Rpt, "PFMR/OCCR Status & Reconciliation Reports," 28 Sep 73.

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 TDY FUND EXPENDITURES - 1ST QUARTER

<u>Evaluation Visits</u>	<u>SAC Staff Support</u>		
<u>Bases</u>	<u>Costs</u>	<u>Months</u>	<u>Costs</u>
Minot AFB, ND	\$ 4,060	July	\$ 5,899
Semiannual Briefing (SAC)	674		
Ellsworth AFB, SD	4,400		
Semiannual Briefing (15AF)	190		
Vandenberg AFB, CA	-0-	August	2,984
Semiannual Briefing (2AF)	569		
Davis-Monthan aFB, AZ	2,800	September	4,617
Malmstrom AFB, MT	<u>5,000</u>		<u>          </u>
Sub Totals	\$17,693		\$13,500
		Grand Total	<u>\$31,193</u>
1st Quarter Expended Projection		-	\$41,100
1st Quarter Funds Expended		-	\$31,193
1st Quarter Fund Expended Under Projection		-	\$ 9,907

15. 3901SMES Form 2, "3901SMES Personnel TDY Forecast," for Jul 73, Ex 28; 3901SMES Form 2, "3901SMES Personnel TDY Forecast," for Aug 73, Ex 29; 3901SMES Form 2, "3901SMES Personnel TDY Forecast," for Sep 73, Ex 30.

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2ND QUARTER - PROJECTED

Evaluation VisitsSAC Staff Support

<u>Base</u>	<u>Estimated Cost</u>	<u>Months</u>	<u>Estimated Cost</u>
F. E. Warren AFB, WY	\$ 4,000	October	\$ 5,000
Little Rock AFB, AR	3,100		
Grand Forks AFB, ND	5,000	November	8,000
McConnell AFB, KS	4,600		
Whiteman AFB, MO	2,600	December	2,000
Contract Vehicles	5,400		
Sub Totals	\$24,700		\$15,000
		Grand Total	\$39,700

16. Ltr, Capt W. Scanlon, 3901SMES/DOY to 3901SMES/HO, "FY74 Budget," 5 Nov 73, Ex 31.

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## CHAPTER II

## PERSONNEL AND MANNING

(U) The emphasis in this chapter will be on personnel functions of the 3901SMES, focusing primarily on manning statistics, promotions, Code 51 deferments, superior performance proficiency pay, reenlistments and separations.

MANNING

(U) A breakdown, by rank and month, of the authorized and assigned strengths of the squadron is shown on the following charts: <sup>17</sup>

Officers	Authorized			Assigned		
	July	August	September	July	August	September
Col	3	3	3	2	2	2
Lt Col	7	7	7	5	7	7
Maj	25	25	25	9	10	10
Capt	4	4	4	18	19	18
1st Lt	0	0	0	1	1	1
2nd Lt	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>1</u>
Totals	39	39	39	36	40	39

17. PCN N130061, "CBPO Strength Report," Jul 31, 73;  
 PCN N130061, "CBPO Strength Report," Aug 31, 73;  
 PCN N130061, "CBPO Strength Report," Sep 30, 73;  
 Interview, AIC R. Taylor, historian, with Mrs. P. Lorello,  
 3901SMES/CC Secretary, GS-6, 26 Oct 73.

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<u>Airmen</u>	<u>Authorized</u>			<u>Assigned</u>		
	<u>July</u>	<u>August</u>	<u>September</u>	<u>July</u>	<u>August</u>	<u>September</u>
CMSgt	6	6	6	4	4	4
SMSgt	12	12	12	10	11	12
MSgt	28	28	28	35	34	28
TSgt	52	52	52	35	37	38
SSgt	11	11	11	17	17	17
Sgt	0	0	0	5	3	1
AIC	0	0	0	0	1	1
Totals	109	109	109	106	107	101

<u>Civilians</u>	<u>Authorized</u>			<u>Assigned</u>		
	<u>July</u>	<u>August</u>	<u>September</u>	<u>July</u>	<u>August</u>	<u>September</u>
GS-6	1	1	1	1	1	1
GS-5	1	1	1	1	1	1
GS-4	2	2	2	2	2	2
Totals	4	4	4	4	4	4

	<u>July</u>	<u>August</u>	<u>September</u>
Total Authorized in Squadron	152	152	152
Total Assigned to Squadron	146	151	144

(U) The variation in the total number of personnel authorized versus number assigned is not unusual. The first and fourth quarters of the fiscal year show the greatest amount of turnover of squadron personnel.<sup>18</sup>

18. Personal observations by 3901SMES historian.

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PROMOTIONS

(U) Two officers were promoted during the quarter, both on the same day, 1 August 1973. Major Mahrlon R. Bright received his promotion to the temporary grade of lieutenant colonel and Captain George B. Kennedy to the temporary grade of major.

(U) Four airmen were also promoted during this period. John D. Anderson and Charlie G. Roberson were promoted to staff sergeant and senior master sergeant respectively on 1 July 1973. Master Sergeants Clarence L. Love and Elverton L. Wardrip received their senior stripes on 1 September 1973.

CODE 51 DEFERMENTS \*

(U) During the last quarter of FY 73, five Code 51 deferments were requested. Because of processing time, the results for four of these requests were not available by the end of the quarter.

19. Special Order AB-1449 on Lt Col M. Bright, 1 Aug 73, Ex 32 ; Special Order AB-1446 on Maj G. Kennedy, 1 Aug 73, Ex 33 .
  20. Special Order A-1755 on SSgt J. Anderson, 1 Jul 73, Ex 34 ; Ltr, 2nd Lt B. Erickson, 4392ASG/DPMQP, to 3901SMES/CC, et al, "Monthly Promotion Increment - 1 Jul 73," 15 Jun 73, w/atch, Ex 35 ; Special Order AE-124, "Promotion to SMSgt," 1 Sep 73, Ex 36 ; Special Order AE-126, "Promotion to SMSgt," 1 Sep 73, Ex 37 ; Ltr, 2nd Lt B. Erickson, 4392ASG/DPMQP, to 3901SMES/CC, et al, "Monthly Promotion Increment - 1 Sep 73," 20 Aug 73, w/atch, Ex 38 .
- \* It takes approximately six months to train personnel to perform their necessary tasks in the 3901SMES. As a result, stabilized tours are required to maintain these persons in the squadron long enough to reap the benefits of their extensive training. Code 51 deferments are requested to retain such personnel in order to get a realistic return on their training investment. "Code 51 Deferments," Apr-Jun Hist of 3901SMES:

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Deferments for Technical Sergeants Ronald F. Przybylowski, Robert S. Mercer, Howard C. Blair and Staff Sergeant Terry L. Church were approved during this quarter. Master Sergeant Theodore Welker's deferment was disapproved because of his availability for overseas<sup>21</sup> duty.

(U) A deferment was requested during this quarter for Master Sergeant Herbert Duncan. It was disapproved for the same reason<sup>22</sup> as that of Master Sergeant Welker.

SUPERIOR PERFORMANCE PROFICIENCY PAY

(U) There was a huge jump in the number of superior performance proficiency pay (SPPP) recipients this quarter. Twenty-two were selected for proficiency pay this quarter; only one was selected last quarter. This is primarily due to the cyclic nature of<sup>23</sup> selection.

21. Ltr, MSgt G. McIntyre, CINCSAC/DPRAB, to 3901SMES/CC, "Code 51 Deferment," 23 Jul 73, Ex 39; Ltr, MSgt G. McIntyre, CINCSAC/DPRAB, to 3901SMES/CC, "Code 51 Deferment," 20 Jul 73, Ex 40; Ltr, Col J. Lander, 3901SMES/CC, to CINCSAC/DPRAB, "Code 51 Deferment," 11 May 73, Ex 41; Ltr, Maj G. Hawkins, CINCSAC/DPRAB1, to 3901SMES/CC, "Code 51 Deferment," 21 Jun 73, Ex 42.
22. Ltr, Maj G. Hawkins, CINCSAC/DPRAB, to 4392ASG/DPMCA, "Code 51 - MSgt H. Duncan," 17 Sep 73, Ex 43.
23. "SPPP Roster," DPMCC to 3901SMES, 9 Oct 73;  
"SPPP Roster," DPMCC to 3901SMES, 4 Sep 73;  
"SPPP Roster," DPMCC to 3901SMES, 7 Aug 73.

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REENLISTMENTS, RETIREMENTS AND SEPARATIONS

(U) During this quarter five men reenlisted and three were separated from active duty. Those who reenlisted were Master Sergeants Herbert H. Duncan and Edward K. Hudson, Technical Sergeant Richard S. Ralph, Staff Sergeant Richard A. Contreras, and Sergeant Michael J. Andrews. They all reenlisted for four years except for Sergeants Duncan and Ralph who reenlisted for two and three years respectively.

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(U) Three persons were separated this quarter; one was discharged and two were released from active duty. They left the squadron at the rate of one a month during the three month period. The first to leave was a second term, Staff Sergeant Dale R. Liberty. Following him were first term Sergeants Gary B. Hedrick and Robert P. Ham.

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(U) The reenlistment rates for the quarter are as follows:  
 first term airmen - 33.3 percent; second term airmen - 50 per cent;  
 and career airmen - 100 per cent.

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24. DD Form 4, "Enlistment Contract," on MSgt H. Duncan, Ex 44 ;  
 DD Form 4, "Enlistment Contract," on TSgt R. Ralph, Ex 45 ;  
 DD Form 4, "Enlistment Contract," on MSgt E. Hudson, Ex 46 .
25. DD Form 100, "Request & Authorization for Separation," on  
 Sgt D. Liberty, Ex 47 ; DD Form 100, "Request & Authorization  
 for Separation," on Sgt G. Hedrick, Ex 48 ; DD Form 100,  
 "Request & Authorization for Separation," on Sgt R. Ham,  
 Ex 49 .
26. FY 74 Reenlistment Rates, Ex 50 .

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(U) Four 3901SMES personnel retired during this quarter. All had over 20 years active duty service at the time of their retirement. Those retiring were Lieutenant Colonels Wayne H. Handshy, Robert E. Adams, Marvin G. Driesbach, and Senior Master Sergeant Jack Woodruff.

27. AFMPC Form 45, "Retirement Order," on Lt Col W. Handshy, Ex 51 ;  
AFMPC Form 134, "Retirement Order," on Lt Col R. Adams, Ex 52 ;  
AFMPC Form 45, "Retirement Order," on Lt Col M. Driesbach, Ex 53 ;  
AFMPC Form 45, "Retirement Order," on SMSgt J. Woodruff, Ex 54 .

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CHAPTER III  
EVALUATION PROGRAM

(U) Chapter III will concentrate on the results of the evaluation trips made by the 3901SMES evaluating teams. Five trips were made this quarter which is average for the first quarter of the fiscal year.

(U) This quarter's evaluation visit schedule was:

<u>Bases</u>	<u>Units</u>	<u>Dates</u>
Minot AFB, ND	91SMW	9-20 July 1973
Ellsworth AFB, SD	44SMW	30 July - 10 August 1973
Vandenberg AFB, CA	1STRAD	20 August - 7 September 1973
Davis-Monthan AFB, AZ	390SMW	10-21 September 1973
Malmstrom AFB, MT	341SMW	10-21 September 1973

1. Personal observations by the historian.
2. Rpt, Eval Rpt #73-10 (FOUO), 91SMW, Minot AFB, ND, 9-20 Jul 73, Ex 55 ; Rpt, Eval Rpt #73-11 (FOUO), 44SMW, Ellsworth AFB, SD, 30 Jul-10 Aug 73, Ex 56 ; Rpt, Eval Rpt #73-12 (FOUO), 1STRAD, Vandenberg AFB, CA, 20 Aug-7 Sep 73, Ex 57 ; Rpt, Eval Rpt #73-13 (FOUO), 390SMW, Davis-Monthan AFB, AZ, 10-21 Sep 73, Ex 58 ; Rpt, Eval Rpt #73-14 (FOUO), 341SMW, Malmstrom AFB, MT, 10-21 Sep 73, Ex 59 .

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## EVALUATION RESULTS \*

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<u>Minot AFB, ND</u>	<u>Eval</u>	<u>Trng</u>	<u>EWO</u>	<u>PPP</u>	<u>Hdwr</u>	<u>Spt</u>	<u>Eng</u>
Operations	S-	E	E+	*100%	/	/	/
Missile Maintenance	S	S-	/	E	S	/	/
Munitions	E+	S-	/	E	S	/	/
Communications	S	E+	/	S	S	/	/
Civil Engineering	M-	S	/	U	S	/	S

\* Indicates no change.

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<u>Ellsworth AFB, SD</u>							
Operations	S+	M-	M-	*95%	/	/	/
Missile Maintenance	M-	M-	/	M-	S	/	/
Munitions	S	S+	/	E+	S	/	/
Communications	S	S+	/	S+	S	/	/
Civil Engineering	S-	M-	/	U	S+	/	S

\* Indicates an increase of 10 per cent.

\* The following charts indicate the collective results of the evaluations conducted during the quarter; the charts are listed by base. Information concerning the rating system can be obtained in the history of the 3901SMES for Jan-Mar 73. The charts indicate the amount of improvement or decline incurred by each program. An improved rating is assigned a "+" symbol while a drop in rating is indicated by the "-" symbol. When no letter appears on the chart, the program was not evaluated.

3. Rpt, Eval Rpt #73-10 (FOUO), 91SMW, Minot AFB, ND, 9-20 Jul 73, pp 1-1, 1-2, Ex 55; Hist (S), 3901SMES, p 24, Jan-Mar 73.
4. Rpt, Eval Rpt #73-11 (FOUO), 44SMW, Ellsworth AFB, SD, 30 Jul-10 Aug 73, pp 1-1, 1-2, Ex 56; Hist (S), 3901SMES, p 26, Jan-Mar 73.

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## EVALUATION RESULTS (Cont'd)

	5	Eval	Trng	EWO	PPP	Hdwr	Spt	Eng
Vandenberg AFB, CA		/	/	/	/	/	/	/
Operations		/	/	/	E+	S	/	/
Missile Maintenance	S		E+	/	/	/	S	/
Munitions		/	/	/	/	/	S	/
Communications		/	/	/	/	/	S+	/
Civil Engineering		/	/	/	/	/	/	/

	6	Eval	Trng	EWO	PPP	Hdwr	Spt	Eng
Davis-Monthan AFB, AZ					*89%	/	/	/
Operations	S	M-	S-	/	S-	S+	/	/
Missile Maintenance	M-	S	/	/	E	E+	/	/
Munitions	S	S	/	/	S	S	/	/
Communications	S	S-	/	/	U	S-	/	M-
Civil Engineering	U-	S-	/	/				

\* Indicates a decline of 11 per cent

	7	Eval	Trng	EWO	PPP	Hdwr	Spt	Eng
Malmstrom AFB, MT					*100%	/	/	/
Operations	E+	E+	E	/	S+	M-	/	/
Missile Maintenance	S	S	/	/	E	S	/	/
Munitions	E	E	/	/	U-	S	/	/
Communications	S	M-	/	/	E	S	/	S
Civil Engineering	S	S	/	/				

\* Indicates an increase of 7.1 per cent

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- Rpt, Eval Rpt #73-12 (FOUO), 1STRAD, Vandenberg AFB, CA, 20 Aug-7 Sep 73, pp 1-1, 1-2, Ex 57; Hist (S), 3901SMES, Oct-Dec 72, p 15.
  - Rpt, Eval Rpt #73-13 (FOUO), 390SMW, Davis-Monthan AFB, AZ, 10-21 Sep 73, pp 1-1, 1-2, Ex 58; Hist (S), 3901SMES, Jan-Mar 73, p 26.
  - Rpt, Eval Rpt #73-14 (FOUO), 341SMW, Malmstrom AFB, MT, 10-21 Sep 73, pp 1-1, 1-2, Ex 59; Hist (S), 3901SMES, Jan-Mar 73, p 27.

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(U) Heretofore, all of the answerable discrepancies in each evaluation report were discussed in the narrative, and the corrective measures taken to prevent recurrence followed immediately thereafter. Beginning with this history, only the substandard discrepancies and corrective measures will be discussed. Further reference to problems not dealt within the narrative will be found in the official evaluation reports included in the history as supporting documents.<sup>8</sup>

(Minot AFB, North Dakota)

(U) Lieutenant Colonel Curtiss E. Brown was the senior team chief of the Minuteman evaluation team when they evaluated the 91st Strategic Missile Wing (SMW).<sup>9</sup>

(U) Twenty programs were evaluated within the five functional areas during this evaluation. Of these, three improved their ratings, four declined, and 13 remained the same. All of the three improvements were from Satisfactory to Excellent. One of those declining was from Excellent to Marginal and the other three were from Excellent to Satisfactory.<sup>10</sup>

(Noteworthy Items)

(U) In Operations, the standardization/evaluation division conscientiously analyzed all errors in job performance tasks (JPTs). Continual updating and analyzing of this historical data enabled the division to

8. Personal observations by historian.
9. Rpt, Opening Letter of Eval Rpt #73-10, LtCol C. Brown, 3901SMES/Team Chief, to 91SMW/CC, "Report of Evaluation #73-10," 20 Jul 73, Ex 55.
10. Rpt, Eval Rpt #73-10 (FOUO), 91 SMW, Minot AFB, ND, 9-20 Jul 73, Ex 55; Hist (S), 3901SMES, Jan-Mar 73, p 24.

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11

identify problem JPTs.

(U) In Communications, the qualification training in the cable work center was very effective as was evidenced by the overall quality and consistency of performance of all personnel evaluated. The condition of the unit technical order file was also outstanding. There were no discrepancies noted in the 120 technical orders that were evaluated.

12

(Problem Areas)

(U) The evaluation program in Civil Engineering received a Marginal rating. Quality control failed to identify a safety violation in the electric shop. Four electrical technicians were graded unqualified by the 3901st for failure to comply with established safety standards. Also the electrical evaluator was rated unqualified for not documenting safety violations during an evaluation. It was evident that the electric shop supervisor failed to emphasize safety in his training program.

13

(U) To eliminate these problems the electric shop supervisor was replaced, and a controlled and monitored training program was established. Also, evaluators were briefed on the importance of documenting and reporting all violations. The number of no-notice inspections was also increased to one a week to increase technician exposure to the missile evaluation program.

14

11. Rpt, Eval Rpt #73-10 (FOUO), 91SMW, Minot AFB, ND, 9-20 Jul 73, Ex 55, p 2-1.
12. Ibid., p 5-1.
13. Ibid., pp 6-1, 6-2.
14. 1st Ind to Eval Rpt #73-10 (FOUO), Col C. Garrison, 91SMW/VC to 47AD/CC, 6 Aug 73, p 3, w/atchs, Ex 60.

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(U) The personnel proficiency program in civil engineering received an Unsatisfactory rating. One half of the technicians evaluated failed, rendering the program completely ineffective. Unsatisfactory ratings resulted from failure to detect major safety violations and noncompliance with technical data and standard safety practices.<sup>15</sup>

(U) An increased number of no-notice evaluations, additional training from the immediate supervisors, and daily safety training were implemented to prevent recurrence.<sup>16</sup>

(Ellsworth AFB, South Dakota)

(U) Lieutenant Colonel Thomas H. Hardin was the senior team chief on the Minuteman evaluation team that evaluated the 44SMW.<sup>17</sup>

(U) Twenty programs were evaluated within the five functional areas. Of these, six improved their ratings, seven declined and seven remained the same. Five of the improvements were from Marginal to Satisfactory and the other was from Satisfactory to Excellent. Of these declining, three were from Excellent to Marginal, three were from Satisfactory to Marginal and the last was from Excellent to Satisfactory.<sup>18</sup>

15. Rpt, Eval Rpt #73-10 (FOUO), 91SMW, Minot AFB, ND, 9-20 Jul 73, pp 6-2, 6-3, Ex 55.
16. 1st Ind to Eval Rpt #73-10 (FOUO), Col C. Garrison, 91SMW/VC to 47AD/CC, 6 Aug 73, pp 3, 4, w/atchs, Ex 60.
17. Rpt, Opening Letter of Eval Rpt #73-11, Lt Col T. Hardin, 3901SMES/Team Chief, to 44SMW/CC, "Report of Evaluation #73-11," 10 Aug 73, Ex 56.
18. Rpt, Eval Rpt #73-11 (FOUO), 44SMW, Ellsworth AFB, SD, 30 Jul-10 Aug 73, pp 1-1, 1-2, 1-3, Ex 56; Hist (S), 3901SMES, Jan-Mar 73, p 26.

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(Problem Areas)

(U) The weapon system training program in operations was rated Marginal. There were no procedures to insure that recurring training was accomplished and minimum alert duty requirements were being met. Training was not being documented adequately in the missile training accomplishments machine listing (MTAL). Prescribed training chemox canisters were in poor condition because of failure to follow TO procedures.  
19

(U) To insure crew members maintained their combat ready status, procedures were initiated to identify crew members needing special training due to not performing alert for 45 days, not completing self study, etc. Review of exception time reports were also reviewed to insure that all required training documentation cards were included in the end of month MTAL. To insure that training chemox canisters were properly cared for, a detailed check list was prepared and a strengthened system of cross-checks was initiated to insure strict adherence to TO procedures.  
20

(U) The emergency war order training program was rated Marginal. Local directives conflicted with SAC directives, and management and administrative controls were inadequate to properly monitor the program. Encoded alert message notification (AMN) handling procedures

19. Rpt, Eval Rpt #73-11 (FOUO), 44SMW, Ellsworth AFB, SD, 30 Jul-10 Aug 73, pp 2-2, 2-3, Ex 56.
20. Ltr, Brig Gen K. Kaericher, 44SMW/CC to 4AD/CC, "3901SMES Evaluation Report #73-11, 31 Jul-10 Aug 73," pp 2-1, 2-2, 2-3, w/atchs, Ex 61.

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did not insure proper crew response.

(U) Corrective action was taken to eliminate the problems. Conflicting manuals were removed and rescinded, and retraining was initiated. To insure proper crew response to encoded AMNs, additional training was initiated and procedures were covered in depth with each crew member. The entire master lesson plan (MLP) was redone to place adequate controls on the program.

(U) In missile maintenance, the evaluation program was rated Marginal. The failure of quality control evaluators to consistently apply strict grading standards was evidenced by the high number and various types of unacceptable task performances by technicians while doing routine and frequently performed tasks. Program effectiveness was also impaired by the substandard performance of two evaluators and the lack of evaluator coverage in one area. Errors were improperly classified/categorized by unit evaluators on numerous SAC Forms 875, which if properly documented, would have resulted in several grade changes.

(U) To prevent recurrence, all evaluators received refresher training and an in-depth review of the qualifications of all evaluator personnel was conducted. The SAC Forms 875 were to be reviewed by the applicable team chief and evaluation monitor for proper error

21. Rpt, Eval Rpt #73-11 (FOUO), 44SMW, Ellsworth AFB, SD, 3- Jul-10 Aug 73, pp 2-6, 2-7, 2-8, Ex 56 .
22. Ltr, Brig Gen K. Kaericher, 44SMW/CC to 4AD/CC, "3901SMES Evaluation Report #73-11, 31 Jul-10 Aug 73," pp 2-3, 2-4, w/atchs, Ex 61 .
23. Rpt, Eval Rpt #73-11 (FOUO), 44SMW, Ellsworth AFB, SD, 30 Jul-10 Aug 73, pp 3-1, 3-2, Ex 56 .

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categorization and classification.

(U) The maintenance training program was also rated Marginal. An unusually high number of substandard task performances were directly attributed to a lack of proper training. Four team training branch instructors also failed, which further detracted from the effectiveness of the program.

(U) To eliminate the possible recurrence, instructor personnel reviewed and reworked all lesson plans in an effort to insure adequate coverage of all tasks that were required.

(U) The personnel proficiency program was rated Marginal. Although the tasks selected for evaluation were of a routine nature, the failure of some of these indicated substandard day-to-day performance of technicians and unit evaluators. Most of the substandard grades resulted from a lack of knowledge of applicable technical orders.

(U) To avoid the problem, an extensive review of training was carried out and a revitalized recurring training program was implemented.

24. Ltr, Brig Gen K. Kaericher, 44SMW/CC to 4AD/CC, "3901SMES Evaluation Report #73-11, 31 Jul-10 Aug 73," p 3-1, w/atchs, Ex 61.
25. Rpt, Eval Rpt #73-11 (FOUO), 44SMW, Ellsworth AFB, SD, 30 Jul-10 Aug 73, pp 3-3, 3-4, Ex 56.
26. Ltr, Brig Gen K. Kaericher, 44SMW/CC to 4AD/CC, "3901SMES Evaluation Report #73-11, 31 Jul-10 Aug 73," pp 3-2, 3-3, w/atchs, Ex 61.
27. Rpt, Eval Rpt #73-11 (FOUO), 44SMW, Ellsworth AFB, SD, 30 Jul-10 Aug 73, pp 3-4, 3-5, 3-6, 3-7, Ex 56.
28. Ltr, BrigGen K. Kaericher, 44SMW/CC to 4AD/CC, "3901SMES Evaluation Report #73-11, 31 Jul-10 Aug 73," pp 3-3, w/atchs, Ex 61.

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(U) The civil engineering maintenance training program received a Marginal rating. Training control failed to conduct their work center visits for review of training program effectiveness. Also supervisors failed to insure that proficiency training was adequate.

29

(U) To prevent recurrence, special training was initiated on an individual basis to assure that each man is completely familiar with proper methods and procedures in maintenance inspections.

30

(U) The personnel proficiency program was rated Unsatisfactory. The failure of five of the 14 technicians evaluated was due to non-compliance with technical data and standard safety practices.

31

(U) To eliminate these problems, the failed individuals were placed on special individual training under the direct guidance of the NCOIC and the work center supervisor. Close observation of each individual will continue until the problem areas cease to exist.

32

(Vandenberg AFB, California)

(U) Lieutenant Colonel Frank J. Klonoski was the senior team chief of the team evaluating the 1st Strategic Aerospace Division (1STRAD) from 20 August through 7 September 1973.

33

29. Rpt, Eval Rpt #73-11 (FOUO), 44SMW, Ellsworth AFB, SD, 30 Jul-10 Aug 73, pp 6-2, 6-3, 6-4, Ex 56.
30. Ltr, Brig Gen K. Kaericher, 44SMW/CC to 4AD/CC, "3901SMES Evaluation Report #73-11, 31 Jul-10 Aug 73," p 6-1, w/atchs, Ex 61.
31. Rpt, Eval Rpt #73-11 (FOUO), 44SMW, Ellsworth AFB, SD, 30 Jul-10 Aug 73, pp 6-4, 6-5, Ex 56.
32. Ltr, Brig Gen K. Kaericher, 44SMW/CC to 4AD/CC, "3901SMES Evaluation Report #73-11, 31 Jul-10 Aug 73," pp 6-1, 6-2, w/atchs, Ex 61.
33. Rpt, Opening Letter of Eval Rpt #73-12, Lt Col F. Klonoski, 3901SMES/Team Chief, to 1STRAD/CC, "Report of Evaluation #73-12," 7 Sep 73, Ex 57.

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(U) Seven programs were evaluated, of these three improved and four remained the same. Two of those improvements were from Satisfactory to Excellent and the other was from Marginal to Satisfactory. There were no noteworthy items or problem areas brought forth during the Vandenberg AFB evaluation.

34

(Davis-Monthan AFB, Arizona)

(U) Lieutenant Colonel Thomas W. Wright was the senior team chief for the evaluation of the 390SMW on 10 to 21 September 1973.

35

(U) Twenty programs were evaluated within the five functional areas during the evaluation. Two of these improved in their ratings, nine declined and nine remained unchanged. Of those improving, one was from Marginal to Satisfactory and the other was from Satisfactory to Excellent. Of the nine declining, five were from Excellent to Satisfactory, two from Satisfactory to Marginal, one from Excellent to Marginal and the last was from Excellent to Unsatisfactory.

36

(Problem Areas)

(U) The first substandard rating given at Davis-Monthan AFB, Arizona was a Marginal in the weapon system training program in Operations. All recurring training was not being accomplished and properly documented, and corrective training was not being completed

34. Rpt, Eval Rpt #73-12 (FOUO), 1STRAD, Vandenberg AFB, CA, 20 Aug-7 Sep 73, pp 1-1, 1-2, Ex 57; Hist (S), 3901SMES, Oct-Dec 72, p 15.
35. Rpt, Opening Letter of Eval Rpt #73-13, Lt Col T. Wright, 3901SMES/Team Chief, to 390SMW/CC, "Report of Evaluation #73-13," 21 Sep 73, Ex 58.
36. Rpt, Eval Rpt #73-13 (FOUO), 390SMW, Davis-Monthan AFB, AZ, 10-21 Sep 73, pp 1-1, 1-2, 1-3, Ex 58; Hist (S), 3901SMES, Jan-Mar 73, p 26.

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37

within established time limits.

(U) A new program was instituted to eliminate recurrence. This included a recurring review of training records and retraining of unqualified personnel. Also the training cards were to be closely reviewed and monitored on a daily basis to assure timely documentation of recurring training requirements.

38

(U) The second Marginal rating was received by the evaluation section of missile maintenance. Unit evaluators employed improper grading standards during personnel evaluations and failed to administer evaluations of sufficient depth to insure that quality maintenance was being performed.

39

(U) Additional emphasis was placed on using a single high standard and a more stringent personnel proficiency program was instituted. In conjunction with this, all evaluated tasks must be fully observed, and error-free performance during evaluations must be justified by the evaluators. Periodic refresher courses were to be conducted to insure continuity of these programs.

40

(U) The first Unsatisfactory rating was received by the evaluation program in civil engineering. The evaluators were applying

37. Rpt, Eval Rpt #73-13 (FOUO), 390SMW, Davis-Monthan AFB, AZ, 10-21 Sep 73, p 2-2, Ex 58.

38. 1st Ind to 3901SMES/CC Rpt, 21 Sep 73, "Report of Evaluation #73-13," 11 Oct 73, Col E. Scott, 390SMW/CC to CINCSAC/DOTM, et al, same subject, atch 1, Ex 62.

39. Rpt, Eval Rpt #73-13 (FOUO), 390SMW, Davis-Monthan AFB, AZ, 10-21 Sep 73, pp 3-1, 3-2, 3-3, Ex 58.

40. 1st Ind to 3901SMES/CC Rpt, 21 Sep 73, "Report of Evaluation #73-13," 11 Oct 73, Col E. Scott, 390SMW/CC to CINCSAC/DOTM, et al, same subject, atch 2, Ex 62.

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grading standards that were too lenient. A trend of substandard performances resulted from this laxity.<sup>41</sup>

(U) To prevent recurrence, a stronger emphasis was placed on the quality of evaluation to permit identification of error trends, training deficiencies and areas requiring supervisory attention.<sup>42</sup>

(U) The personnel proficiency program also received an Unsatisfactory rating. Twelve of 14 personnel evaluated failed their evaluations. The majority of the errors contributing to these failures were failure to comply with safety and standard maintenance practices, and errors in using technical data. Two evaluators also failed to recognize and properly categorize errors.<sup>43</sup>

(U) To prevent recurrence, emphasis was placed on recurring technical training and safety. Closer supervision was implemented to insure the effectiveness of this training. Strong emphasis was given to increasing the depth and comprehensiveness of evaluations, which included the use of locally devised check lists to identify deficient areas requiring training.<sup>44</sup>

41. Rpt, Eval Rpt #73-13 (FOUO), 390SMW, Davis-Monthan AFB, AZ, 10-21 Sep 73, pp 6-1, 6-2, Ex 58.
42. 1st Ind to 3901SMES/CC Rpt, 21 Sep 73, "Report of Evaluation #73-13," 11 Oct 73, Col E. Scott, 390SMW/CC to CINCSAC/DOTM, et al, same subject, atch 4, Ex 62.
43. Rpt, Eval Rpt #73-13 (FOUO), 390SMW, Davis-Monthan AFB, AZ, 10-21 Sep 73, pp 6-3, 6-4, Ex 58.
44. 1st Ind to 3901SMES/CC Rpt, 21 Sep 73, "Report of Evaluation #73-13," 11 Oct 73, Col E. Scott, 390SMW/CC to CINCSAC/DOTM, et al, same subject, atch 4, Ex 62.

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(U) The missile engineers program received the last Marginal rating. The missile engineers failed to insure that quality control evaluators applied strict grading standards during personnel evaluations. This was shown by the substandard performance of two of the evaluators. They also failed to identify undesirable trends during evaluations.<sup>45</sup>

(U) To prevent recurrence, the missile engineers were rebriefed on the necessity of maintaining high grading standards and of identifying undesirable trends during personnel proficiency evaluations.<sup>46</sup>  
(Malmstrom AFB, Montana)

(U) Lieutenant Colonel Curtiss E. Brown was the senior team chief of the evaluation team that evaluated the 341SMW at Malmstrom AFB, Montana on 10 to 21 September 1973.<sup>47</sup>

(U) Twenty programs were evaluated within the five functional areas during the evaluation. Three of the programs improved, three declined, and 14 remained unchanged. Of those improving, two were from Satisfactory to Excellent and one was from Marginal to Satisfactory. Of the declines, one was from Satisfactory to Marginal, one from Excellent to Marginal, and one from Satisfactory to

45. Rpt, Eval Rpt #73-13 (FOUO), 390SMW, Davis-Monthan AFB, AZ, 10-21 Sep 73, pp 6-3, 6-4, Ex 58.
46. 1st Ind to 3901SMES/CC Rpt, 21 Sep 73, "Report of Evaluation #73-13," 11 Oct 73, Col E. Scott, 390SMW/CC to CINCSAC/DOFM, et al, same subject; atch 4, Ex 62.
47. Rpt, Opening Letter of Eval Rpt #73-14 (FOUO), Lt Col C. Brown, 3901SMES/Team Chief, to 341SMW/CC, "Report of Evaluation #73-14," 21 Sep 73, Ex 59.

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28

Unsatisfactory.

(Problem Areas)

The first substandard rating was a Marginal in the Hardware maintenance program of missile maintenance. During the evaluation of launch facilities, an adverse trend in the quality of maintenance was noted. Such unacceptable practices were also noted during two alert missile evaluations.<sup>49</sup>

(U) To prevent recurrence, a qualified team will inspect each site 30 days prior to the dash six inspection to insure that corrective actions have been taken or planned. Each site will then be certified by a senior supervisor or quality control. Field supervision will continue to make periodic site checks to insure that site condition is maintained.<sup>50</sup>

(U) The second substandard rating occurred in the maintenance training program in communications. Training management failed to provide training needed to overcome known deficiencies. The required level of proficiency was not being maintained in the SACCS, missile command control system (MCCS) and cable work centers. Cable technicians are not being training to adhere to technical data while

48. Rpt, Eval Rpt #73-14 (FOUO), 341SMW, Malmstrom AFB, MT, 10-21 Sep 73, pp 1-1, 1-2, Ex 59; Hist, (S), 3901SMES, Jan-Mar 73, p 27.

49. Rpt, Eval Rpt #73-14 (FOUO), 341SMW, Malmstrom AFB, MT, 10-21 Sep 73, pp 3-5, 3-6, Ex 59.

50. 1st Ind to 3901SMES/CC Ltr, 21 Sep 73, "Report of Evaluation #73-14," 11 Oct 73, Col R. Scott, 341SMW/CC to 47AD/CC, same subject, pp 7-2, 7-3, 7-4, Ex 63.

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performing maintenance. 51

(U) To eliminate these problems, training management, identified specific training requirements and scheduled training in these areas. A new work center supervisor was assigned. He established a revolving maintenance training schedule to insure that all maintenance personnel would receive proper training. All personnel were instructed in the proper use of tech data when performing maintenance. 52

(U) The last substandard rating received was an Unsatisfactory personnel proficiency program in communications. Numerous substandard task performances were noted during the visit. These were caused by a lack of systems knowledge, failure to properly operate test equipment, and failure to adhere to technical data. 53

(U) These problems were resolved by a renewed and more stringent training program that will be monitored by senior supervisors and evaluators. The importance of adhering to technical data was stressed and retraining was initiated for the failing individuals. 54

51. Rpt, Eval Rpt #73-14 (FOUO), 341SMW, Malmstrom AFB, MT, 10-21 Sep 73, pp 5-2, 5-3, Ex 59.
52. 1st Ind to 3901SMES/CC Ltr, 21 Sep 73, "Report of Evaluation #73-14," 11 Oct 73, Col R. Scott, 341SMW/CC to 47AD/CC, same subject, p 8-2, Ex 63.
53. Rpt, Eval Rpt #73-14 (FOUO), 341SMW, Malmstrom AFB, MT, 10-21 Sep 73, pp 5-4, 5-5, Ex 59.
54. 1st Ind to 3901SMES/CC Ltr, 21 Sep 73, "Report of Evaluation #73-14," 11 Oct 73, Col R. Scott, 341SMW/CC to 47AD/CC, same subject, p 8-3, Ex 63.

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ALERT SORTIE RESULTS \*\*

(U) Seventeen alert missiles, nine re-entry vehicles and seven penetration aids were evaluated at the different bases during the quarter.

\*\* The alert missiles and re-entry vehicles were rated as Satisfactory or Unsatisfactory. The penetration aids were rated as Operational (O) or Operationally Limited (OL). The basis of the ratings was determined by the successful or unsuccessful manner in which the system would have performed under an actual launch condition.

55. Msg (S)(FRD), 3901SMES, Minot AFB, ND/CC to CINCSAC/DOTM, et al, "Final Alert Sortie Evaluation Summary Report #73-10 (U)," 182000Z Jul 73, Ex 64 ; Msg (S)(FRD), 3901SMES, Ellsworth AFB, SD/CC to CINCSAC/DOTM, et al, "Final Alert Sortie Evaluation Summary Report #73-11 (U)," 091900Z Aug 73, Ex 65 ; Msg (S)(FRD), 3901SMES, Davis-Monthan AFB, AZ/CC to CINCSAC/DOTM, et al, "Final Alert Sortie Evaluation Summary Report #73-13 (U)," 202100Z Sep 73, Ex 66 ; Msg (S)(FRD), 3901SMES, Malmstrom AFB, MT/CC to CINCSAC/DOTM, et al, "Final Alert Sortie Evaluation Summary Report #73-14 (U)," 202200Z Sep 73, Ex 67 .  
Rpt (S), compiled by historian outlining alert sortie results, Ex 68 .

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RATING COMPARISONS

(U) The charts on pages 31 through 34 reflect the overall picture of the results of this quarter's evaluation visits. The first three charts deal directly with the present evaluation and the last three charts deal with the ratings received during each unit's previous evaluation. The charts describe the ratings by base, functional area and program results.

BASE RESULTS

	<u>E</u>	<u>S</u>	<u>M</u>	<u>U</u>	<u>Ratings Improved</u>	<u>Ratings Declined</u>	<u>Constant Ratings</u>
Minot AFB, ND	6	12	1	1	3	4	13
Ellsworth AFB, SD	1	12	6	1	6	7	7
Vandenberg AFB, CA	2	5	0	0	3	0	4
Davis-Monthan AFB, AZ	2	13	3	2	2	9	9
Malmstrom AFB, MT	7	10	2	1	3	3	14
	<u>18</u>	<u>52</u>	<u>12</u>	<u>5</u>	<u>17</u>	<u>23</u>	<u>47</u>

56. Personal observations by historian.

Hist (S), 3901SMES, Jan-Mar 73, pp 24, 26, 27;

Hist (S), 3901SMES, Oct-Dec 73, p 15.

Rpt, Eval Rpt #73-10 (FOUO), 91SMW, Minot AFB, ND, 9-20 Jul 73, Ex 55; Rpt, Eval Rpt #73-11 (FOUO), 44SMW, Ellsworth AFB, SD, 30 Jul-10 Aug 73, Ex 56; Rpt, Eval Rpt #73-12 (FOUO), 1STRAD, Vandenberg AFB, CA, 20 Aug-7 Sep 73, Ex 57; Rpt, Eval Rpt #73-13 (FOUO), 390SMW, Davis-Monthan AFB, AZ, 10-21 Sep 73, Ex 58; Rpt, Eval Rpt #73-14 (FOUO), 341SMW, Malmstrom AFB, MT, 10-21 Sep 73, Ex 59.

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FUNCTIONAL AREA RESULTS

	<u>E</u>	<u>S</u>	<u>M</u>	<u>U</u>	<u>Ratings Improved</u>	<u>Ratings Declined</u>	<u>Constant Ratings</u>
Operations	5	4	3	0	4	5	3
Missile Maintenance	3	12	5	0	4	7	9
Munitions	8	9	0	0	4	1	12
Communications	1	14	1	1	3	3	11
Civil Engineering	1	13	3	4	2	7	12
	<u>18</u>	<u>52</u>	<u>12</u>	<u>5</u>	<u>17</u>	<u>23</u>	<u>47</u>

PROGRAM RESULTS

	<u>E</u>	<u>S</u>	<u>M</u>	<u>U</u>	<u>Ratings Improved</u>	<u>Ratings Declined</u>	<u>Constant Ratings</u>
Evaluation	3	14	3	1	3	6	12
Training	5	11	5	0	5	9	7
ENO	2	1	1	0	1	2	1
PPP	7	5	1	4	4	3	10
Hardware	1	15	1	0	3	2	12
Support Effectiveness	0	3	0	0	1	0	2
Engineering	0	3	1	0	0	1	3
	<u>18</u>	<u>52</u>	<u>12</u>	<u>5</u>	<u>17</u>	<u>23</u>	<u>47</u>

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BASE RESULTS

	<u>E</u>	<u>S</u>	<u>M</u>	<u>U</u>	<u>Ratings Improved</u>	<u>Ratings Declined</u>	<u>Constant Ratings</u>
Minot AFB, ND	7	13	0	0	4	5	11
Ellsworth AFB, SD	4	11	5	0	4	5	11
Vandenberg AFB, CA	1	7	1	0	0	2	7
Davis-Monthan AFB, AZ	9	10	1	0	9	3	8
Malmstrom AFB, MT	5	14	1	0	4	4	12
	<u>26</u>	<u>55</u>	<u>8</u>	<u>0</u>	<u>21</u>	<u>19</u>	<u>49</u>

FUNCTIONAL AREA RESULTS

	<u>E</u>	<u>S</u>	<u>M</u>	<u>U</u>	<u>Ratings Improved</u>	<u>Ratings Declined</u>	<u>Constant Ratings</u>
Operations	7	6	1	0	3	4	7
Missile Maintenance	4	14	2	0	3	4	13
Munitions	6	10	1	0	6	2	9
Communications	2	13	2	0	1	6	10
Civil Engineering	7	12	2	0	8	3	10
	<u>26</u>	<u>55</u>	<u>8</u>	<u>0</u>	<u>21</u>	<u>19</u>	<u>49</u>

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PROGRAM RESULTS

	<u>E</u>	<u>S</u>	<u>M</u>	<u>U</u>	<u>Ratings Improved</u>	<u>Ratings Declined</u>	<u>Constant Ratings</u>
Evaluation	6	15	1	0	3	2	17
Training	10	10	2	0	8	6	8
EWO	3	1	0	0	2	1	1
PPP	5	5	2	0	4	5	4
Hardware	1	14	2	0	2	3	12
Support Effectiveness	1	5	1	0	1	1	5
Engineering	0	4	0	0	1	1	2
	<u>26</u>	<u>55</u>	<u>8</u>	<u>0</u>	<u>21</u>	<u>19</u>	<u>49</u>

(U) Base results show a regression in ratings at all of the bases except Vandenberg AFB, California. In functional area results, a regression in ratings can be seen with the exception of munitions. The same is shown in program results with slight progress shown in  
<sup>57</sup>  
 PPP and hardware.

<sup>57</sup>. Personal observations by historian.

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## CHAPTER IV

## OPERATIONS AND TRAINING

TRAINING DIVISION (DOT)

(U) The position of chief, training division, was vacant from 1 June to 24 August 1973. Captain Thomas E. Kuenning, Jr. reported to the squadron at this time and assumed the duties of this position.

(U) The training division arranged for and coordinated airlift support for four evaluation trips during the quarter. The Vandenberg AFB, California C-118 supported five of the eight evaluation team flights. Problems were experienced on 10 September 1973 when both base C-118s aborted take-off due to mechanical failures. The Fifteenth Air Force KC-135 back up was used for the Malmstrom AFB, Montana trip delaying team departure 3 hours and 50 minutes. The Davis-Monthan AFB, Arizona team was off loaded and switched to the repaired C-118 originally scheduled as the Malmstrom aircraft. The team departure was delayed 2 hours and 10 minutes. All other trips departed and returned within 1 hour and 30 minutes of their planned schedule.

(U) No chargeable or reportable accidents or injuries occurred during this period. As of 30 September 1973, the squadron had

1. AF Form 2095, "Assignment/Personnel Data," on Capt T. Kuenning, 27 Aug 73, Ex 18.
2. Interview by AIC R. Taylor, historian, with SMSgt J. deGafferelly, 3901SMES/DOT/NCOIC, 20 Nov 73; Personal review of Section Flight Coordination Logs by historian; SAC Form 399, 7 May, VAFB to Malmstrom AFB to VAFB, Ex 69; SAC Form 399, 7 May, VAFB to Davis-Monthan AFB to VAFB, Ex 70; SAC Form 399, 7 May, VAFB to Ellsworth AFB to VAFB, Ex 71; SAC Form 399, 7 May, VAFB to Minot AFB to VAFB, Ex 72.

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completed 120 consecutive months with only one reportable motor vehicle accident (reported in July-September 1972 history). Squadron personnel drove one assigned vehicle 865 accident-free miles during this reporting period.<sup>3</sup>

(U) In recurring training, all Titan operation evaluators, Minuteman weapon system evaluators, and unit staff officers received emergency war order (EWO) training. Nuclear/missile safety training and testing was completed by all squadron personnel designated as requiring the training.<sup>4</sup>

(U) Two off-base schools were attended by squadron personnel during the quarter. Master Sergeant Clarence L. Love attended the United States Air Force (USAF) senior non-commissioned officers academy that was conducted at Gunter AFB, Alabama. He started on 14 August 1973 in Class 75-D and graduated on 11 October 1973.<sup>5</sup>

(U) On 3 July 1973, Master Sergeant James L. Streetman attended the Strategic Air Command's non-commissioned officers academy at March AFB, California. He was enrolled in Class 73-E.<sup>6</sup>

3. Msg, 3901SMES/DOT to CINCSAC/DOSG, "Ground Accident Summary," 071530Z Aug 73, Ex 73; Msg, 3901SMES/DOT to CINCSAC/DOSG, "Ground Accident Summary," 042000Z Sep 73, Ex 74; Msg, 3901SMES/DOT to CINCSAC/DOSG, "Ground Accident Summary," 092100Z Oct 73, Ex 75.
4. 3901SMES Weekly Training Schedules from 2 Jul to 28 Sep 73, Ex 76.
5. Ltr, SMSgt W. Guthrie, 4392ASG/DPMCC-F to 3901SMES, "Allocation of Quota(s) for USAF Senior NCO Academy, Class 73-D," 5 Jul 73, Ex 77; VAN Form 336, "Request for Action on Allocated School Quotas," 10 Jul 73, Ex 78.
6. Ltr, TSgt D. Eum, CINCSAC/DPAT to 4392ASG/DPM, "NCO Academy Attendance," 25 May 73, Ex 79; VAN Form 336, "Request for Action on Allocated School Quotas," 6 Jun 73, Ex 80.

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(U) There were also seven local courses attended by squadron personnel. Captain Raymond M. Urbanski was enrolled in the SAC missile combat crew operational readiness training class starting 23 July 1973. Second Lieutenant Robert J. Tormey was a member of the 17 August 1973 graduating class of the ballistic missile staff officer course.

(U) Technical Sergeant Francis J. Williams attended two classes during the quarter. The first was the human relations and communications course on 17 September 1973, and the other was drivers improvement course V, conducted on 27 August 1973. Staff Sergeant John B. Anderson attended the management and leadership training school on 12 September 1973, and Master Sergeant James L. Streetman began the computer maintenance course on 13 September 1973. Finally, Master Sergeant Michael O. Kelley received disaster and emergency war order preparation training on 30 July 1973. Forty-five officers and enlisted men in this squadron completed the annual 18 hour race relations/drug abuse training program.

7. Ltr, SSgt D. Eum, 4392ASG/DPMCC-F to 3901SMES, "Allocation of Quota(s) for Course 182100G-3, SAC Missile Combat Crew Operational Readiness Training," 12 Jan 73, Ex 81; VAN Form 336, "Request for Action on Allocated School Quotas," 2 Mar 73, Ex 82; Ltr, 2d Lt R. Tormey, 3901SMES/DA to ISTRAD/DOTM, "Ballistic Missile Staff Course," 18 Jul 73, Ex 83; 3901SMES Weekly Training Schedules from 2 Jul to 28 Sep 73, Ex 76.
8. Ltr, Capt T. Kuenning, 3901SMES/DOT to ISTRAD/DPE, "NCO Professional Development Course Student Nominations and Registration Course," 12 Sep 73, Ex 84; Ltr, Capt T. Kuenning, 3901SMES/DOT to 4392ASG/DPE, "Management and Leadership Training," 12 Sep 73, Ex 85; Ltr, SMSgt W. Guthrie, 4392ASG/DPMCC-F to 3901SMES, "Allocation of Quota(s) for IASC34570-8," 26 Jul 73, Ex 86; VAN Form 336, "Request for Action on Allocated School Quotas," 13 Aug 73, Ex 87; 3901SMES Weekly Training Schedules from 2 Jul to 28 Sep 73, Ex 76.

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(U) The on-the-job training program continued in the squadron during the quarter. The squadron began the period with two retrainees and completed with three retrainees. One retrainee was upgraded from the "5" level and placed in "7" level training in July 1973. An additional "3" level retrainee was assigned in August for a total of two "3" levels and one "7" level trainee. In September a "3" level was upgraded leaving one retrainee remaining in each of the "3", "5" and "7" levels at the end of the quarter.<sup>9</sup>

(U) In the aerobics testing and weight control area, the squadron again entered and completed the period with no overweight personnel. Thirty-nine officers and enlisted men were aerobics tested and weighed with no failures. At the end of the quarter 63 per cent of the squadron personnel had completed the annual requirements for testing.<sup>10</sup>

ANALYSIS DIVISION (DOY)

(U) Preliminary testing of programs for automation of the SAC Form 875, Personnel Evaluation Report - ICBM, indicated that the desired products could be produced, based on the sample input data used. However, formal testing of the final programs has been delayed

9. Interview by A1C R. Taylor, historian, with SMSgt J. deGafferelly, 3901SMES/DOT/NCOIC, 7 Nov 73.
10. Ltr, 2d Lt R. Tormey, 3901SMES/DA to 1STRAD/DP, "Training Information for Jul 73," Ex 88; Ltr, 2d Lt R. Tormey, 3901SMES/DA to 1STRAD/DP, "Aerobics Testing and Weight Control - August 1973," 4 Sep 73, Ex 89; Ltr, 2d Lt R. Tormey, 3901SMES/DA to 1STRAD/DP, "Aerobics Testing and Weight Control - September 1973," 1 Oct 73, Ex 90.

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at Headquarters SAC data automation (ADS) due to computer problems.

A firm forecast for completion of testing has not been provided.<sup>11</sup>

(U) Transmission of the SAC-DOT(M) 7110 report continued to be less timely and complete than desired. Procedures and/or instructions, as well as the capabilities of the AUTODIN system, were considered adequate. The problem appeared to be a lack of attention to detail by personnel at the servicing base data automation offices (who prepare the punch cards for AUTODIN), and incomplete follow-up on the part of the base level office of primary responsibility (OPR) to insure the timeliness and correctness of reports. Educational<sup>12</sup> efforts were continuing in an attempt to overcome the problem.

(U) The 3901SMES Quarterly Analysis, RCS: SAC-DOT(M/Q) 7207 was published with a July 1973 date line. However, actual publication did not occur until mid-September due to an extreme shortage of<sup>13</sup> paper at the Vandenberg AFB, California field printing plant.

(U) The primary responsibilities of the Analysis Division graphic section were the preparation, reproduction, and completion of briefing transparencies, flip chart briefings, wall charts, and all other 3901SMES graphic aid requirements. The graphic section had additional responsibilities for the preparation of trip kits for all evaluation teams and for providing graphic assistance in preparing the Quarterly Analysis for publication. In addition to the

11. Interview by A1C R. Taylor, historian, with CMSgt M. Garner, 3901SMES/DOYO/NCOIC, 5 Nov 73.

12. Ibid.

13. Quarterly Analysis, Vol 8, Nr. 3 (FOUO), Jul 73, Ex 91.

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normal graphic presentation services rendered the organization during this period, the analysis division graphic section also designed, prepared and reproduced special visual aids for a safety briefing, a Buckskin Rider exercise briefing, and a standardization seminar proposal briefing presented to the Headquarters SAC staff.<sup>14</sup>

MISSILE PROCEDURES TRAINER DIVISION (DOM)

(U) The most significant event this quarter for the missile procedures trainer division (DOM) was the annual maintenance management review conference on 23 to 28 July 1973. The conference was held at Hill AFB, Utah again this year with Captain Lloyd D. Cooper and Master Sergeant John M. Jensen in attendance. The main purpose of the conference was to identify and resolve missile trainer problems. The following decisions were made during the conference:

- a. New Trainer Procurement - SAC pointed out that several modifications which have been accomplished on the RY and LE trainers will not be included with the new trainers to be delivered by Hayes International. The 3901SMES (DOM) agreed to identify all modifications performed subsequent to the contract freeze date and inform Ogden Air Materiel Area/Space and Missile Systems Organization (OOAMA/SAMSO) of open/outstanding time compliance technical orders (TCTOs) required to bring the new trainers up to current configuration.
- b. DDP-24 Computer Support - SAC informed OOAMA/Warner Robins

14. Interview by AIC R. Taylor, historian, with TSgt F. Williams, 3901SMES/DOYG/NCOIC, 12 Nov 73.

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Air Materiel Area (WRAMA) that users of this computer are becoming quite concerned over their ability in the future to maintain the DDP-24 computer. Circuit cards (PC assemblies) have been the major problem area in that our consumption rate has not been high enough to insure item retention in logistic channels. SAC's recommended solution was to provide comparative unit packages for each DDP-24 computer in accordance with MIL STD 876A, and provide one each circuit card for each type circuit card in the computer to be maintained as part of the computer and not be considered as a spare. All parties agreed.

c. Computer Program Description and Listing Documents - OOAMA/SAMSO were informed that the current contractual procedure of not providing hard copy program description and listing documents to the using command is presenting considerable difficulties during the initial phase of implementation in that the user has no documentation to verify the contents of the computer program. OOAMA/SAMSO recognized this problem and were to take action to change the CDRL items on all future contracts.

d. Technical Order Operational Supplements - The current OOAMA procedure of issuing operational supplements to incorporate changes for the 43 Series technical orders has proven to be impractical from a user standpoint because they are filed in front of the technical order in lieu of being filed adjacent to the affected page. OOAMA agreed that action was required but deferred the item for discussion at the weapon system configuration policy review meeting to be held at The Boeing Company in August 1973.

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e. Work Unit Code Manuals - Configuration Management of Computers - As stated in last quarter's history, considerable effort has been expended in an attempt to obtain adequate work unit code manuals for computers so that Air Force Manual (AFM) 66-1 data could be reported against the computer in lieu of the trainer system. This procedure was deemed necessary so that WRAMA could establish failure trends, support computer system modification requirements under Air Force Regulation (AFR) 57-4 procedures, maintain proper configuration, etc. After lengthy discussions on this subject, an agreement was made to have work unit codes for the computers, but list them in the code manuals for the trainer system. To satisfy the computer configuration management problem, OOAMA agreed to put the computers under the advanced configuration management system until a configuration management system is established for computers. 15

(U) On 10 to 12 July 1973, Captain Lloyd W. Cooper, Master Sergeant John M. Jensen and Technical Sergeant Carvin L. Miller attended a post contract award conference with the Hayes Corporation in Birmingham, Alabama. SAMSO awarded the Hayes Corporation the contract to build six trainers. The awarded contract did not reflect the trainer delivery schedule and SAC personnel pointed out that the timely delivery for the Grand Forks trainer was the most critical since it is required to support the wing VI weapon system integration.

15. Rpt of Visit by Capt L. Cooper/MSGT J. Jensen, 3901SMES/DOM, "Maintenance Management Review Conference," 23-28 Jul 73, Ex 92.

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program (WSIP). Firm delivery schedules and a more detailed list of substitute parts requirements will be discussed in the next meeting scheduled in October 1973.<sup>16</sup>

(U) Major Raymond O. Bennington and Technical Sergeant Phillip C. Gates concluded the month of July by attending the software status authentications (ECP 1424) technical interchange (TI) meeting on the RA/RV trainers. During the meeting it was discovered that a scheduling conflict existed between ECP 1391 and ECP 1424 installations. To alleviate the problem, an engineering software program will be used with ECP 1424 until ECP 1391 is successfully changeproofed.<sup>17</sup>

(U) Captain Lloyd W. Cooper attended the quarterly weapon system configuration policy review conference at The Boeing Company in Seattle, Washington from 14 to 16 August 1973. Two of the conference agreements directly affected the missile trainer area. OOAMA/Boeing officially addressed the problem of issuing technical order operational supplements to change the 43 Series technical orders that were previously identified at the maintenance management review (MMR) conference in July. OOAMA further pointed out that some data was being lost because of lack of interface between contractors and the logistic command during modification efforts. OOAMA accepted a SAC proposal to have the 43 Series technical orders included as part of the OOAMA sustaining contract with The Boeing

16. Rpt of Visit by Capt L. Cooper, 3901SMES/DOM, "Post Contract Award Conference," from 10-12 Jul 73, Ex 93.
17. Rpt of Visit by Maj Bennington/TSgt Gates, 3901SMES/DOM, "Technical Review Meeting for Impact of Software SAS," from 31 Jul to 2 Aug 72, Ex 94.

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Company. This solved the problems previously mentioned in this area. The other problem concerned the Boeing procedure of issuing changes to microfiche documents. Some microfiche cards were being discarded because "revision" meant one thing to the Air Force and something else to Boeing. In the future, Boeing agreed to insure terminology is consistent with current Air Force documents.<sup>18</sup>

(U) The following changeproof efforts were completed during this quarter:

- a. TCTO 43D2-3-1-603, Hardened Voice Channel Capability, was accomplished at Vandenberg AFB, California from 20 to 23 July 1973.<sup>19</sup>
- b. TCTO 43D2-3-79-501, Weapon System Controller Alarm, was changeproofed at F. E. Warren AFB, Wyoming from 20 to 28 August 1973.<sup>20</sup>
- c. TCTO 43D2-49-552 (CDB/ECP 1311Rs), Interim Tape #3 Checkout, was accomplished at F. E. Warren AFB, Wyoming from 5 to 14 September 1973. Master Sergeant John Jensen and Technical Sergeant Phillip Gates were 3901SMES participants.<sup>21</sup>

(U) Two major modification efforts being worked on for more than two years by the MPT division were closed out this quarter. The Titan II, LAST LOOK, modification was completed with the last

18. Rpt of Visit by Capt L. Cooper, 3901SMES/DOM, "Minuteman Configuration Management Policy Review Meeting," from 14-16 Aug 73, Ex 95.
19. Missile Procedures Trainer Bulletin (FOUO), Jul 73, 3901SMES B50-1, No. 7, pp 1, 2, w/atch, Ex 96.
20. Missile Procedures Trainer Bulletin (FOUO), Sep 73, 3901SMES B50-1, No. 9, p 1, w/atches, Ex 97.
21. Rpt of Visit by MSgt Jensen, 3901SMES/DOM, "Changeproofing of TCTO and Checkout Interim Software Program TCTO," from 10-14 Sep 73, Ex 98.

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installation being performed at Vandenberg AFB, California.<sup>22</sup>

(U) The final kits for ECP 1314, Remote Weather, modification were delivered and installed in all applicable modernized trainers, except at Malmstrom AFB, Montana.<sup>23</sup>

EVALUATION DIVISION (DOV)

(U) Captain James S. Kyle and Senior Master Sergeant Robert G. Claycomb were selected as members of the SAC cognizant agent testing team for the Titan II coded switch system (CSS). From 9 to 14 July 1973, they received extensive training in all aspects of the CSS and were tasked with identifying possible vulnerable areas of the CSS. From 10 to 16 August 1973, they returned to the Martin Marietta Company at Denver, Colorado, and presented a scenario of vulnerabilities to a review committee comprised of representatives from various Air Force agencies involved with the CSS. All but two CSS vulnerabilities were resolved at this meeting. The other two were resolved when Captain Kyle and SMSgt Claycomb observed the CSS prototype installation at McConnell AFB, Kansas from 24 to 28 September 1973. During this trip to McConnell AFB, Kansas, they also validated the technical data changes the CSS requires to T.O. 21M-LGM25C-1 and -121-1.<sup>24</sup>

22. Missile Procedures Trainer Bulletin (FOUO), Jul 73, 3901SMES B50-1, No. 9, pp 3, 4, w/atch, Ex 97.
23. Ibid., p 2, w/atch.
24. Rpt of Visit by Capt J. Kyle, 3901SMES/DOVT, "Titan II Cognizant Agent Training," from 9-14 Jul 73, Ex 99; Rpt of Visit by Capt J. Kyle, 3901SMES/DOVT, "Titan II Cognizant Agent Test Plan Presentations," from 6-10 Aug 73, Ex 100; Rpt of Visit by Capt J. Kyle, 3901SMES/DOVT, "Validation of Operations Tech Data for Titan II Coded Switch System." from 24-28 Sep 73, Ex 101.

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(U) Captain George E. Cody, Jr. represented the squadron at the revision "O" EWO rewrite conference. The conference was held at Fifteenth Air Force Headquarters, March AFB, California from 24 to 28 September 1973. The purpose of the conference was to rewrite SACM 55-18, Vol I and Vol II, and SACM 55-7, Vol IV. There were representatives from each of the missile wings, SAC Headquarters, Fifteenth Air Force Headquarters and 4315th Combat Crew Training Squadron (CCTS). Changes were adopted in the areas of command control messages, execution procedures, termination procedures, launch reporting, command data buffer and EWO training requirements. These changes will be incorporated in the new manuals which were to be published in November.

SEMIANNUAL BRIEFING

(U) The semiannual briefing was presented on three occasions during this quarter. It was given to the Headquarters SAC staff on 17 July, Fifteenth Air Force on 28 July and the Second Air Force on 1 August 1973. The team from the 3901st who made the presentations included Colonel William H. Sands, Colonel Joseph M. Strickland, Lieutenant Colonel Thomas W. Wright, Lieutenant Colonel Frank J. Klonoski, Lieutenant Colonel Thomas H. Hardin and Captain William A. Scanlon. The briefing summarizes 3901SMES evaluation results of SAC missile units to the CINCSAC and his staff and to numbered air force commanders and their staffs. The briefing was accepted as

25. Rpt of Visit by Capt G. Cody, 3901SMES/DOVE, "Revision "O" Missile EWO Rewrite Conference," on 24-28 Sep 73, Ex 102.

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presented and well received by all command and staff personnel.

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26. Ltr (S), Maj M. Bright, 3901SMES/CCE to CINCSAC/DO, "3901SMES Semiannual Briefing," w/atchs, 13 Jul 73, Ex 103 ; Interview, A1C R. Tarylor, historian, with Capt W. Scanlon, 3901SMES/DOY, on 29 Nov 73.

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## CHAPTER V

## MAINTENANCE

MAINTENANCE TRAINER DIVISION (LGMT)

(U) Events surrounding maintenance trainer division activities for the quarter focused on all three prime divisional areas of responsibility: specialty training standard (STS)/job proficiency guide (JPG) development, maintenance/munitions trainer command management, and evaluator/inspector training course activities.<sup>1</sup>

(U) Master Sergeant Leon W. Skelton prepared 11 changes to existing command JPGs reflecting current changes in intercontinental ballistic missile (ICBM) operational equipment hardware and technical order procedures as determined by weapons and support division evaluators. In addition, recommended changes to four STSs were forwarded to Headquarters SAC/LGBA for incorporation in the next STS revision by air training command (ATC). The annual review of all command JPGs was completed by 3901SMES evaluators and recommended changes to ATC tentative course training standards CH52-20SR3121G-3 and CH52-3AZR443XOG were also prepared. The SMES proposals were aimed at improving ATC training of technicians ultimately projected for assignment in SAC ICBM units.<sup>2</sup>

(U) In the trainer development area, several significant milestones were met during this period. Master Sergeant John A. Dematteis attended a table of allowance (TA) -158 review at Warren AFB, Wyoming

1. Personal observations by historian.
2. Interview by A1C R. Taylor, historian, with Capt W. McKee, 3901SMES/LGMT, on 28 Nov 73, and with MSgt L. Skelton, 3901SMES/LGMT, on 28 Nov 73.

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on 10-13 July 1973. The conference was chaired by Headquarters SAC/LGSE for the purpose of reviewing TA-258 and determining equipment additions or deletions based on major weapon system modifications (Wing V integrated system) at Warren AFB, Wyoming, and scheduled for incorporation at Minot AFB, North Dakota. Many recommendations by the 3901SMES representative were adopted including assignment of an M-van to all team training branch (TTB) accounts (except Ellsworth AFB, South Dakota) for specific training needs.<sup>3</sup>

(U) Master Sergeant Dematteis and TSgt Jackie G. Roach attended the second annual LGM25/LGM30 missile trainers technical review conference, conducted by OOAMA at Hill AFB, Utah, 24-27 July 1973. The purpose of the meeting was to resolve management problems relative to trainers and improve operating procedures of the Air Force Logistics Command (AFLC), SAC, and the Air Training Command (ATC). Numerous subjects were discussed and specific problem areas were brought up by 3901SMES representatives for resolution. Most important of these involved spare trainer parts, replacement of worn parts, technical order procedures, preliminary tech data, AFTO Form 158s, etc. The 3901SMES will continue to monitor action items appointed during the conference for timely and satisfactory solution.<sup>4</sup>

(U) TSgt Roach attended the Parsons drawing review for the Wing VI launch facility trainer upgrade silo program modification.

3. Rpt of Visit by MSgt J. Dematteis, 3901SMES/LGMT, "Table of Allowance 258 Review," on 10-13 Jul 73, Ex 104.
4. Rpt of Visit by MSgt J. Dematteis, 3901SMES/LGMT, "LGM25/LGM30 Missile Trainers Technical Review Conference," on 24-27 Jul 73, Ex 105.

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The meeting was held at The Boeing Company, Seattle, Washington on 1-3 August 1973 with representatives from the R. M. Parsons Company, Boeing, SAMSQ, TRW, and SAC/3901SMES. Sergeant Roach discovered design anomalies in the drawings that not only impacted the LF trainer but Wing VI operational facilities. His recommendations were adopted as changes to the appropriate documents for the Wing VI facilities.<sup>5</sup>

(U) On 15-17 August 1973, MSgt Dematteis and SSgt Bruce S. Hopke attended a review of the trainer program requirements document (TPRD) for the AN/GSQ-T28/T29 trainer master program for software status authentication system (SSAS-1). This document will outline to the contractor specific program requirements for the control monitor procedures trainer (CMPT) master program for the SASS-1 simulation. The 3901SMES representatives insured future SAC training needs would be fulfilled and trainer performance would function realistically. During a subsequent conference on 20 to 24 August 1973, squadron representatives participated in the technical acceptance demonstration of the Wing V CMPT master program tape and also a pre-publication review of preliminary TO 43D2-3-82-1.<sup>6</sup>

(U) Captain William C. McKee, CMSgt Rodney W. Walter and MSgt Dematteis conducted a briefing at Headquarters SAC/LGB during the week of 17-21 September 1973. The purpose of the briefing was to discuss

5. Rpt of Visit by TSgt J. Roach, 3901SMES/LGMT, "Wing VI Trainer Upgrade Silo Program" on 1-3 Aug 73, Ex 106.
6. Rpt of Visit by MSgt J. Dematteis, "Review Trainer Program Requirements Document," on 15-17 Aug 73, Ex 107; Rpt of Visit by MSgt J. Dematteis, 3901SMES/LGMT, "Technical Acceptance Demonstration for the Wing V Final Tape," on 20-24 Aug 73, Ex 108.

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management of the maintenance trainer program to include SMES command manager responsibilities. Specific topics included SAC-wide LGM30 trainer utilization, future trainer program updates through 1977, trainer technical order change problems, proposals for Wing I LF trainer convertibility concept, and a proposed instructor proficiency evaluation program for Minuteman team training branch instructors.

(U) The evaluator/inspector school meanwhile hosted numerous classes throughout this quarterly period. Six evaluator and three inspector classes were conducted for field unit personnel. The 3901SMES was requested by Headquarters SAC/DOKM to grant quotas for a November communications evaluator class to Headquarters SAC/DOKM personnel, who were to establish the first COMM MSET for non-missile communications units. These personnel were to attend the SMES class to learn basic concepts, methods, and techniques in conducting personnel evaluations. We were informally advised that interest runs high in COMM MSET circles for the establishment of an evaluator course to teach field evaluators principles similar to those used by the SMES.

7. Rpt of Visit by Capt W. McKee, 3901SMES/LGME, "Trainer Utilization, Projects, Tech Orders and Instructor Proficiency Evaluation," on 17-21 Sep 73, Ex 109.
8. Ibid., Msg, 3901SMES/LGME to CINCSAC/DOKME, "Comm Evaluator Course," 291835Z Oct 73, Ex 110; Ltr, 3901SMES/LGME, Col J. Carlisle, to CINCSAC/DERX, et al, "Quota and Reporting Instructions for Evaluator and Inspector Training Courses," 16 May 73, Ex 111; Interview by A1C R. Taylor, historian, with Capt W. McKee, 3901SMES/LGME, on 28 Nov 73.

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SUPPORT DIVISION (LGMS)

(U) Lieutenant Colonel Frank J. Klonoski, III, and Senior Master Sergeant Leon P. Briggs, Jr., participated in a conference with CINCSAC/DEF at Offutt AFB, Nebraska from 16 thru 20 July 1973 to discuss an earlier 3901SMES/LGMS staff study concerning the 3901 SMES 541X0 conversion. Contents of the staff study were discussed with Colonel Longo (LGBA), Mr. Bousha (DEF) and Major Spotswood (DEFS). The results of this conference indicated that DEF fully supported the proposals and LGBA was to endorse the planned changes pending a more detailed examination of the study. Further telephone<sup>9</sup> conversation indicated that Headquarters SAC approved the study.

(U) Master Sergeant David E. Simon continued to serve as a technical representative for SAC Headquarters on the revision of T.O. 21M-LGM30B-2-20, hardened intersite cable systems. The pre-publication review for this technical order was conducted at Hill AFB, Utah on 13-17 August 1973. Those attending included representatives from OOAMA, Fifteenth Air Force, The Boeing Company and operational units. T.O. 21M-LGM30B-2-20 was reviewed with only minor changes incorporated prior to publication. Target date for the distribution of the revised technical order was established as 1 October 1973.<sup>10</sup>

(U) Master Sergeant Edward K. Hudson represented SAC Headquarters at a conference held at March AFB, California on 24-28 September 1973.

9. Rpt of Visit by SMSgt L. Briggs, 3901SMES/LGMSE, "Staff Study on 3901SMES 541X0 Conversion," 16-20 Jul 73, Ex 112.
10. Rpt of Visit by MSgt D. Simon, 3901SMES/LGMSC, "Pre-publication Review," on 13-17 Aug 73, Ex 113.

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The purpose of this conference was to rewrite the SAC automated command and control system (SACCS) command job proficiency guide (JPG 305X1-3). Those attending this conference included representatives from Second Air Force, Fifteenth Air Force and operational units. The SAC JPG 305X1-3, dated 1 December 1970, was rewritten to eliminate tasks not required, delete the grouping of logic drawer units under one task, and to add field tasks. The product (SAC JPG 305X4B-2) was forwarded to SAC Headquarters for publication.<sup>11</sup>

(U) The communications branch experienced difficulty in filling the 30496 NCOIC vacancy caused by the PCS assignment of Master Sergeant Robert R. Griffith with a qualified individual. The retainability of senior non-commissioned officers holding AFSC 30496 created difficulty in filling this vacancy. To insure that the most qualified individual fills the NCOIC position, action was initiated on 16 August 1973 to convert the 30496 position to a 36194 position. A manpower authorization change was approved on 24 September 1973 changing the position effective in April 1974. Future AFSC conversions may be necessary to insure that this key position is<sup>12</sup> manned with the most qualified individual available.

11. Rpt of Visit by MSgt E. Hudson, 3901SMES/LGMSC, "Rewrite of SACCS Command JPG," on 24-28 Sep 73, Ex 114.
12. Msg, 3901SMES/LGMSC to CINCSAC/DOKM, "3901SMES Manning," 162000Z Aug 73, 15 Aug 73, Ex 115.

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MUNITIONS DIVISION (LGMM)

(U) During the period of 10 through 12 July 1973, Major Frank M. Shaffer attended the Minuteman integrated deployment planning/scheduling meeting and MK 12 re-entry systems project officers meeting. The purpose of the Minuteman meeting was to integrate and schedule all known Minuteman deployment programs in response to program direction. The purpose of the MK 12 meeting, held on 12 July 1973, was to discuss the sensitivity of the MC2498 firing set detonator to static electricity and the buildup of static electricity on the MK 12 RV. A recommendation was made to use wet wipe versus the dry wipe.<sup>13</sup>

(U) During the period 23-26 July 1973, Master Sergeant Fred L. Holmes and Staff Sergeants John F. Ellertsen and Darell R. Giles attended the verification of operational ground test procedures contained in T.O. 16W21-4-2. The verification was conducted at Minot AFB, North Dakota using 5th Munitions Maintenance Squadron (MMS) re-entry system evaluation team (RSET) personnel. A total of 27 technical order field change notices (TOFCNs) were generated as a result of the verification effort.<sup>14</sup>

(U) Senior Master Sergeant Phillip T. Hager, Master Sergeant Fred L. Holmes, Staff Sergeants John F. Ellerton and Darell R. Giles attended a pre-transition meeting of MK 12 re-entry system technical orders during the week of 6 through 9 August 1973.

13. Rpt of Visit by Maj F. Shaffer, 3901SMES/LGMM, "Minuteman Integrated Deployment Planning/Scheduling Meeting," on 10-12 July 73, Ex 116.
14. Rpt of Visit by MSgt F. Holmes, 3901SMES/LGMNR, "Verification of Operational Ground Test Procedures," on 23-26 Jul 73, Ex 117.

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The meeting was conducted at Vandenberg AFB, California by personnel of the central technical order control unit (CTOCU). Technical orders associated with those portions of the MK 12 re-entry system that were to be scheduled for engineering management responsibility transition from SAMSO to applicable Air Force Logistics Command (AFLC) activity were reviewed. An agreement was reached by all parties to transfer CTOCU control to AFLC activities on 15 August 1973. The present MK 12 field test philosophy was discussed and the SAC position was favorably considered. Direction was given by SAMSO to incorporate the proposed change/clarification into the technical orders.

(U) The 3901SMES continually monitors the progress of the MK 6 re-entry vehicle (Titan II) recycle and test set school conducted at the 394SMS re-entry branch facilities. On 23 August 1973, this school graduated its second class of five students. In addition to these five personnel, two additional technicians attended and graduated from the test set class. Through our observations of this school, all aspects of instruction were considered to be of excellent quality.

(U) During the week of 17 through 21 September 1973, Senior Master Sergeant Phillip T. Hager attended a command review of

15. Rpt of Visit by SMSgt P. Hager, 3901SMES/LGMM, "MK 12 Re-entry System Technical Orders Meeting," on 6-9 Aug 73, Ex 118.
16. Msg, 394SMS/MAM to 3901SMES/MAM, et al, "MK 6 Recycle/Test Set Course Schedule," 262045Z Jun 73, Ex 119.

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United States Air Force (USAF) proposed revision to AFM 66-1, vol VI, at Second Air Force Headquarters, Barksdale AFB, Louisiana. The review was conducted by Major Phillips, CINCSAC/LGW, and approximately 25 personnel were in attendance. Each page of the proposed revision was reviewed and necessary changes made to the draft. During the review, emphasis was placed on insuring that specific requirements were clearly stated and adequate guidance was provided to prevent mis-  
17  
interpretation by different individuals.

WEAPONS DIVISION (LGMW)

(U) Weapons Division personnel made 12 SAC staff support trips during the quarter. Six of the trips dealt with items of command interest, and pertained to further progress in the continuing improve-  
18  
ments in both the Minuteman and Titan II weapon systems.

(U) The first of these meetings was part one of a two part conference. Both segments took place at the Martin Marietta Corporation in Denver, Colorado. The first meeting was on 9 to 13 July and the second on 6 to 9 August 1973. They were design review conferences, the purpose being orientation and discussion of maintenance concepts of T.O. 21M-LGM25C-2-26, Coded Switch System. The 3901SMES was represented by Captain Kyle, Senior Master Sergeant Claycomb and  
19  
Technical Sergeant Kaderka.

17. Rpt of Visit by SMSgt P. Hager, 3901SMES/LGMW, "Command Review of USAF Proposed Revision, July 1973," on 17-21 Jul 73, Ex 120.
18. Personal observations by the historian, Interview by A1C R. Taylor, historian, with Lt Col F. Klonoski, 3901SMES/LGMW, on 29 Nov 73.
19. Rpt of Visit by TSgt R. Kaderka, 3901SMES/LGMWT, "Blue Suit Testing of the Coded Switch," on 6-9 Aug 73, Ex 121; Rpt of Visit by TSgt R. Kaderka, 3901SMES/LGMWT, "Blue Suit Familiarization Training," on 9-13 Jul 73, Ex 122.

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(U) Master Sergeants James R. Beaver and Donald W. Billsbarrow went to Ellsworth AFB, South Dakota on 17-19 July 1973. They reviewed chapters V and VII of T.O. 33D9-3-253-2 and changes were made to insure that the T.O. was compatible with the task being performed. They also discussed azimuth laying set (ALS) certification procedures with CINCSAC/LGBM, Fifteenth Air Force, Second Air Force and Minuteman personnel.<sup>20</sup>

(U) Three wing VI silo update conferences were attended by squadron personnel during the quarter. At these meetings various squadron technicians represented the command as technical advisors. The first two were held at The Boeing Company in Seattle, Washington and the last at GTE Sylvania in Needham Heights, Massachusetts. Master Sergeants Elverton L. Wardrip and Kenneth H. Steele attended the mechanical ground equipment in-process review and also a side meeting that was held to discuss the personnel access barrier. This meeting and conference was held in Seattle on 1 to 3 August 1973.<sup>21</sup>

(U) The second meeting and conference in Seattle attended by squadron personnel was on 3 to 8 September 1973. Technical Sergeant Emery B. Foote attended the electrical/electronic mechanical ground equipment and motor generator critical design reviews. The latter was disapproved due to the numerous open action items and

20. Rpt of Visit by MSgt J. Beaver, 3901SMES/LGMWT, "Azimuth Laying Set Checkout and Repair Procedures Conference," on 17-19 Jul 73, Ex 123.
21. Rpt of Visit by MSgt K. Steele, 3901SMES/LGMMW, "Mechanical Ground Equipment In-process Review," on 1-3 Aug 73, Ex 124.

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the meeting was rescheduled.

(U) The last meeting was on 17 to 20 September 1973 in Needham Heights, Massachusetts. Master Sergeant Peter C. Tramm attended the wing VI weapon system integrated program mechanical ground equipment critical design review. Discussed were the maintenance ground equipment test sets requiring modifications to provide intermediate level maintenance capability for the new and modified items of wing VI OGE.

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(U) One EMT technician attended the command maintenance managers review program (MMRP) which was held at Vandenberg AFB, California to review all agenda items that were proposed by operational units. As a result of this meeting, extensive time was expended clarifying questionable items. Subsequently, one EMT technician attended the OOAMA conducted MMRP at Hill AFB, Utah as SAC technical representative. During the meeting some 150 agenda items were discussed.

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(U) During the quarter, a total of 519 AFTO 22s were processed by the division. Approximately 20 per cent of these were generated by squadron technicians. An AFTO 22 is a form used to improve or correct data found in technical orders and system publications.

22. Rpt of Visit by TSgt E. Foote, 3901SMES/LGM, "Electrical/Electronic MGE Critical Design Review," on 3-8 Sep 73, Ex 125.
23. Rpt of Visit by MSgt P. Tramm, 3901SMES/LGMM, "Wing VI WSIP MGE Critical Design Review," on 17-20 Sep 73, Ex 126.
24. Rpt of Visit by MSgt J. Andrew, 3901SMES/LGMM, "Minuteman Maintenance Manager Review Program" on 28-30 Aug 73, Ex 127; Rpt of Visit by MSgt J. Nelson, 3901SMES/LGMM, "Explain the Minuteman Maintenance Manager Review Program," on 31 Jul-1 Aug 73, Ex 128.

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The branch generated studies to determine the number of readily available tasks to fulfill annual personnel evaluation requirements. They also were to determine the percentage of tasks available versus the number of tasks evaluated by personnel assigned to quality control units in the field. Inputs were also prepared for the Titan system managers conference to be held at Barksdale AFB, Louisiana on 12-14 November 1973.

25. Interview by AIC R. Taylor, historian, with Lt Col F. Klonoski, 3901SMES/LGSM, CMSgt O. Burns, 3901SMES/LGMWM, and Maj S. Roadarmel, 3901SMES/LGMWT, on 30 Nov 73.

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S U M M A R Y

(U) This quarter, the first of the fiscal year, showed many changes. The large turnover in personnel caused minor problems in the squadron financial areas. The manning problem continued, but was lessened by the large number of Code 51 deferments.

The problem of airlift support was still one of major consequence to the evaluation teams. The Vandenberg AFB C-118s required constant and extensive maintenance which precluded total reliance upon them for airlift support.

In the evaluation department, a regression was evident at all of the evaluated bases with the exception of Vandenberg AFB, California. This was reflected in program results, functional area results and base results.

There was much activity in the SAC support visit area with both sides of the house, maintenance and operations, traveling extensively.

The semiannual program status briefing was given to SAC Headquarters, Second Air Force and Fifteenth Air Force, and was well received by the commanders and their staffs.

G L O S S A R Y

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AFLC	Air Force Logistics Command
AFSC	Air Force Specialty Code
ALS	Azimuth Laying Set
AMN	Alert Message Notification
ATC	Air Training Command
CCTS	Combat Crew Training Squadron
CMPT	Control Monitor Procedures Trainer
CSS	Coded Switch System
CTOCU	Central Technical Order Control Unit
JPG	Job Proficiency Guide
JPT	Job Performance Task
MCCC	Missile Command Control System
MLP	Master Lesson Plan
MNR	Maintenance Management Review
MTAL	Missile Training Accomplishments Machine Listing
O	Operational
OL	Operationally Limited
RSET	Re-entry System Evaluation Team
SACCS	SAC Automated Command and Control System
SMES	Strategic Missile Evaluation Squadron
SPPP	Superior Performance Proficiency Pay
SSAS	Software Status Authentication System

G L O S S A R Y

STS	Specialty Training Standard
TA	Table of Allowance
TCTO	Time Compliance Technical Orders
TI	Technical Interchange
TOFCN	Technical Order Field Change Notices
TPRD	Trainer Program Requirements Document
TTB	Team Training Branch
WSIP	Weapon System Integration Program

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In June of 1970 he was assigned to the 355th Tactical Fight Wing at Takhli Royal Thai Air Force Base, Thailand as Deputy Commander for Materiel, a position he held until the deactivation of the 355th in December 1970. Subsequently, he served as Base Commander, closing out the base and returning it to the Royal Thai Air Force.

He began his tour with the 390th Strategic Missile Wing in June of 1971 as DCM and became Vice Commander in December 1971. His decorations include the Bronze Star with one Oak Leaf Cluster and the Air Force Commendation Medal with three Oak Leaf Clusters.

Colonel Sands is married to the former Marjorie Stilwell of Columbus, Ohio. He and Mrs. Sands are the parents of five children.





SUPPORTING DOCUMENTS

1. Assigned Units
2. G-Series Special Orders Published.
3. Special Order G-147, 19 Jun 73, on Col W. Sands.
4. AF Form 2095, "Assignment/Personnel Action," on Col W. Sands, 25 Jun 73.
5. SAC Form 177, "Military Personnel Data," on Col W. Sands, 25 Jun 73.
6. SAC Form 177, "Military Personnel Data," on Col J. Iander, 19 Mar 69.
7. AF Form 2095, "Assignment/Personnel Data," on Col F. Wright, 10 Jul 73.
8. SAC Form 177, "Military Personnel Data," on Col J. Carlisle, 17 Jun 69.
9. SAC Form 177, "Military Personnel Data," on Col T. Wright, 10 Jul 73.
10. AF Form 2095, "Assignment/Personnel Data," on Lt Col E. Fisher, 26 Jul 73.
11. SAC Form 177, "Military Personnel Data," on Lt Col R. Adams, 18 Jul 72.
12. SAC Form 177, "Military Personnel Data," on Lt Col E. Fisher, 13 Jul 73.
13. AF Form 2095, "Assignment/Personnel Data," on Lt Col F. Klonoski, 1 Aug 73.
14. AF Form 2095, "Assignment/Personnel Data," on Maj Westwood, 1 Aug 73.
15. SAC Form 177, "Military Personnel Data," on Lt Col Klonoski, 20 Jun 73.
16. SAC Form 177, "Military Personnel Data," on Lt Col Driesbach, 26 May 71.
17. SAC Form 177, "Military Personnel Data," on Maj Westwood, 20 Jul 73.

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18. AF Form 2095, "Assignment/Personnel Data," on Capt T. Kuenning, 27 Aug 73.
19. SAC Form 177, "Military Personnel Data," on Capt Kuenning, 4 Sep 73.
20. AF Form 2095, "Assignment/Personnel Data," on AIC R. Taylor, 25 Jul 73.
21. SAC Form 177, "Military Personnel Data," on AIC R. Taylor, 30 Jul 73.
22. SAC Form 177, "Military Personnel Data," on Sgt H. Moten, 1 Feb 72.
23. Msg, CINCSAC/ACB to 3901SMES/CC, no subject title, 202004Z Jun 73.
24. Msg, CINCSAC/LGTX to 3901SMES/CC, "Vehicle Rental for SAC Sponsored Inspection Teams," 222155Z Jun 73.
25. Ltr, Col J. Strickland, 3901SMES/DO to 4392ASG/ACB, "FY 74 First Quarter Expensed Supply/Equipment Targets," 19 Jun 73.
26. Ltr, Col J. Strickland, 3901SMES/DO to 4392ASG/ACB, "FY74 Supply Funding Requirements," 24 Jul 73.
27. Meeting, "Financial Working Group Agenda," 27 Aug 73.
28. 3901SMES Form 2, "3901SMES Personnel TDY Forecast," for Jul 73.
29. 3901SMES Form 2, "3901SMES Personnel TDY Forecast," for Aug 73.
30. 3901SMES Form 2, "3901SMES Personnel TDY Forecast," for Sep 73.
31. Ltr, Capt W. Scanlon, 3901SMES/DOY to 3901SMES/HO, "FY74 Budget," 5 Nov 73.
32. Special Order AB-1449 on Lt Col M. Bright, 1 Aug 73.
33. Special Order AB-1446 on Maj G. Kennedy, 1 Aug 73.
34. Special Order A-1755 on SSGT J. Anderson, 1 Jul 73.
35. Ltr, 2nd Lt B. Erickson, 4392ASG/DPMQP, to 3901SMES/CC, et al, "Monthly Promotion Increment - 1 Jul 73," 15 Jun 73, w/atch.

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36. Special Order AE-124, "Promotion to SMSgt," 1 Sep 73.
37. Special Order AE-126, "Promotion to SMSgt," 1 Sep 73.
38. Ltr, 2nd Lt B. Erickson, 4392ASG/DPMQP, to 3901SMES/CC, et al, "Monthly Promotion Increment - 1 Sep 73," 20 Aug 73.
39. Ltr, MSgt G. McIntyre, CINCSAC/DPRAB, to 3901SMES/CC, "Code 51 Deferment," 23 Jul 73.
40. Ltr, MSgt G. McIntyre, CINCSAC/DPRAB, to 3901SMES/CC, "Code 51 Deferment," 20 Jul 73.
41. Ltr, Col J. Lander, 3901SMES/CC, to CINCSAC/DPRAP, "Code 51 Deferment," 21 Jun 73.
42. Ltr, Maj G. Hawkins, CINCSAC/DPRAB1, to 3901SMES/CC, "Code 51 Deferment," 21 Jun 73.
43. Ltr, Maj G. Hawkins, CINCSAC/DPRAB, to 4392ASG/DPMCA, "Code 51 - MSgt H. Duncan," 17 Sep 73.
44. DD Form 4, "Enlistment Contract," on MSgt H. Duncan.
45. DD Form 4, "Enlistment Contract," on TSgt R. Ralph.
46. DD Form 4, "Enlistment Contract," on MSgt E. Hudson.
47. DD Form 100, "Request & Authorization for Separation," on Sgt D. Liberty.
48. DD Form 100, "Request & Authorization for Separation," on Sgt G. Hedrick.
49. DD Form 100, "Request & Authorization for Separation," on Sgt R. Ham.
50. FY 74 Reenlistment Rates.
51. AFMPC Form 45, "Retirement Order," on Lt Col W. Handshy.
52. AFMPC Form 134, "Retirement Order," on Lt Col R. Adams.
53. AFMPC Form 45, "Retirement Order," on Lt Col M. Driesbach.
54. AFMPC Form 45, "Retirement Order," on SMSgt J. Woodruff.

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55. Rpt, Eval Rpt #73-10 (FOUO), 91SMW, Minot AFB, ND, 9-20 Jul 73.
56. Rpt, Eval Rpt #73-11 (FOUO), 44SMW, Ellsworth AFB, SD, 30 Jul - 10 Aug 73.
57. Rpt, Eval Rpt #73-12 (FOUO), 1STRAD, Vandenberg AFB, CA, 20 Aug - 7 Sep 73.
58. Rpt, Eval Rpt #73-13 (FOUO), 390SMW, Davis-Monthan AFB, AZ, 10-21 Sep 73.
59. Rpt, Eval Rpt #73-14 (FOUO), 341SMW, Malmstrom AFB, MT, 10-21 Sep 73.
60. 1st Ind to Eval Rpt #73-10 (FOUO), Col C. Garrison, 91SMW/VC to 47AD/CC, 6 Aug 73, p 3, w/atchs.
61. Ltr, Brig Gen K. Kaericher, 44SMW/CC to 4AD/CC, "390ISMES Evaluation Report #73-11, 31 Jul-10 Aug 73," pp 2-1, 2-2, 2-3, w/atchs.
62. 1st Ind to 390ISMES/CC Rpt, 21 Sep 73, "Report of Evaluation #73-13," 11 Oct 73, Col E. Scott, 390SMW/CC to CINCSAC/DOTM, et al, same subject, atch 1.
63. 1st Ind to 390ISMES/CC Ltr, 21 Sep 73, "Report of Evaluation #73-14," 11 Oct 73, Col R. Scott, 341SMW/CC to 47AD/CC, same subject, pp 7-2, 7-3, 7-4.
64. Msg (S)(FRD), 390ISMES, Minot AFB, ND/CC to CINCSAC/DOTM, et al, "Final Alert Sortie Evaluation Summary Report #73-10 (U)," 182000Z Jul 73.
65. Msg (S)(FRD), 390ISMES, Ellsworth AFB, SD/CC to CINCSAC/DOTM, et al, "Final Alert Sortie Evaluation Summary Report #73-11 (U)," 091900Z Aug 73.
66. Msg (S)(FRD), 390ISMES, Davis-Monthan AFB, AZ/CC to CINCSAC/DOTM, et al, "Final Alert Sortie Evaluation Summary Report #73-13 (U)," 202100Z Sep 73.
67. Msg (S)(FRD), 390ISMES, Malmstrom AFB, MT/CC to CINCSAC/DOTM, et al, "Final Alert Sortie Evaluation Summary Report #73-14 (U)," 202200Z Sep 73.
68. Report Compiled by historian outlining alert sortie results.

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69. SAC Form 399, 7 May, VAFB to Malmstrom AFB to VAFB.
70. SAC Form 399, 7 May, VAFB to Davis-Monthan AFB to VAFB.
71. SAC Form 399, 7 May, VAFB to Ellsworth AFB to VAFB.
72. SAC Form 399, 7 May, VAFB to Minot AFB to VAFB.
73. Msg, 3901SMES/DOT to CINCSAC/DOSG, "Ground Accident Summary," 071530Z Aug 73.
74. Msg, 3901SMES/DOT to CINCSAC/DOSG, "Ground Accident Summary," 042000Z Sep 73.
75. Msg, 3901SMES/DOT to CINCSAC/DOSG, "Ground Accident Summary," 092100Z Oct 73.
76. 3901SMES Weekly Training Schedules from 2 Jul to 28 Sep 73.
77. Ltr, SMSgt W. Guthrie, 4392ASG/DPMCC-F, to 3901SMES, "Allocation of Quota(s) for USAF Senior NCO Academy, Class 73-D," 5 Jul 73.
78. VAN Form 336, "Request for Action on Allocated School Quotas," 10 Jul 73.
79. Ltr, TSgt D. Eum, CINCSAC/DPAT, to 4392ASG/DPM, "NCO Academy Attendance," 25 May 73.
80. VAN Form 336, "Request for Action on Allocated School Quotas," 6 Jun 73.
81. Ltr, SSgt D. Eum, 4392ASG/DPMCC-F, to 3901SMES, "Allocation of Quota(s) for Course 182100G-3, SAC Missile Combat Crew Operational Readiness Training," 12 Jan 73.
82. VAN Form 336, "Request for Action on Allocated School Quotas," 2 May 73.
83. Ltr, 2d Lt R. Tormey, 3901SMES/DA, to 1STRAD/DOIM, "Ballistic Missile Staff Course," 18 Jul 73.
84. Ltr, Capt T. Kuening, 3901SMES/DOT to 1STRAD/DPE, "NCO Professional Development Course Student Nominations and Registration Course," 12 Sep 73.

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85. Ltr, Capt T. Kuening, 3901SMES/DOT to 4392ASG/DPE, "Management and Leadership Training," 12 Sep 73.
86. Ltr, SMSgt W. Guthrie, 4392ASG/DPMCC-F, to 3901SMES, "Allocation of Quota(s) for 1ASC34570-8," 26 Jul 73.
87. VAN Form 336, "Request for Action on Allocated School Quotas," 13 Aug 73.
88. Ltr, 2d Lt R. Tormey, 3901SMES/DA, to ISTRAD/DP, "Training Information for Jul 73."
89. Ltr, 2d Lt R. Tormey, 3901SMES/DOT, to ISTRAD/DP, "Aerobics Testing and Weight Control - August 1973," 4 Sep 73.
90. Ltr, 2d Lt R. Tormey, 3901SMES/DA, to ISTRAD/DP, "Aerobics Testing and Weight Control - September 1973," 1 Oct 73.
91. Quarterly Analysis, Vol 8. Nr. 3 (FOUO), Jul 73.
92. Rpt of Visit by Capt L. Cooper/MSgt J. Jensen, 3901SMES/DOM, "Maintenance Management Review Conference," 25-28 Jul 73.
93. Rpt of Visit by Capt L. Cooper, 3901SMES/DOM, "Post Contract Award Conference," from 10-12 Jul 73.
94. Rpt of Visit by Maj Bennington/TSgt Gates, 3901SMES/DOM, "Technical Review Meeting for Impact of Software SAS," from 31 Jul to 2 Aug 73.
95. Rpt of Visit by Capt L. Cooper, 3901SMES/DOM, "Minuteman Configuration Management Policy Review Meeting," from 14-16 Aug 73.
96. Missile Procedures Trainer Bulletin (FOUO), Jul 73, 3901SMES B50-1, No. 7, pp 1, 2, w/atch.
97. Missile Procedures Trainer Bulletin (FOUO), Sep 73, 3901SMES B50-1, No. 9, p 1, w/atchs.
98. Rpt of Visit by MSgt J. Jensen, 3901SMES/DOM, "Changeproofing of TCTO and Checkout Interim Software Program TCTO," from 10-14 Sep 73.
99. Rpt of Visit by Capt J. Kyle, 3901SMES/DOVT, "Titan II Cognizant Agent Training," from 9-14 Jul 73.



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100. Rpt of Visit by Capt J. Kyle, 3901SMES/DOVT, "Titan II Cognizant Agent Test Plan Presentations," from 6-10 Aug 73.
101. Rpt of Visit by Capt J. Kyle, 3901SMES/DOVT, "Validation of Operations Tech Data for Titan II Coded Switch System," from 24-28 Sep 73.
102. Rpt of Visit by Capt G. Cody, 3901SMES/DOVE, "Revision '0' Missile EWO Rewrite Conference," on 24-28 Sep 73.
103. Ltr (S), Maj M. Bright, 3901SMES/CCE to CINCSAC/DO, "3901SMES Semiannual Briefing," w/atchs, 13 Jul 73.
104. Rpt of Visit by MSgt J. Dematteis, 3901SMES/LGMT, "Table of Allowance 258 Review," on 10-13 Jul 73.
105. Rpt of Visit by MSgt J. Dematteis, 3901SMES/LGMT, "LGM25/LGM50 Missile Trainers Technical Review Conference," on 24-27 Jul 73.
106. Rpt of Visit by TSgt J. Roach, 3901SMES/LGMT, "Wing VI Trainer Upgrade Silo Program," on 1-3 Aug 73.
107. Rpt of Visit by MSgt J. Dematteis, "Review Trainer Program Requirements Document," on 15-17 Aug 73.
108. Rpt of Visit by MSgt J. Dematteis, 3901SMES/LGMT, "Technical Acceptance Demonstration for the Wing V Final Tape," on 20-24 Aug 73.
109. Rpt of Visit by Capt W. McKee, 3901SMES/LGMT, "Trainer Utilization, Projects, Tech Orders and Instructor Proficiency Evaluation," on 17-21 Sep 73.
110. Msg, 3901SMES/LGMTE to CINCSAC/DOKME, "Comm Evaluator Course," 291835Z Oct 73.
111. Ltr, 3901SMES/LGMT, Col J. Carlisle, to CINCSAC/DERX, et al, "Quota and Reporting Instructions for Evaluator and Inspector Training Courses," 16 May 73.
112. Rpt of Visit by SMSgt L. Briges, 3901SMES/LGNSE, "Staff Study on 3901SMES 541X0 Conversion," 16-20 Jul 73.
113. Rpt of Visit by MSgt D. Simon, 3901SMES/LGMSC, "Pre-publication Review," on 13-17 Aug 73.

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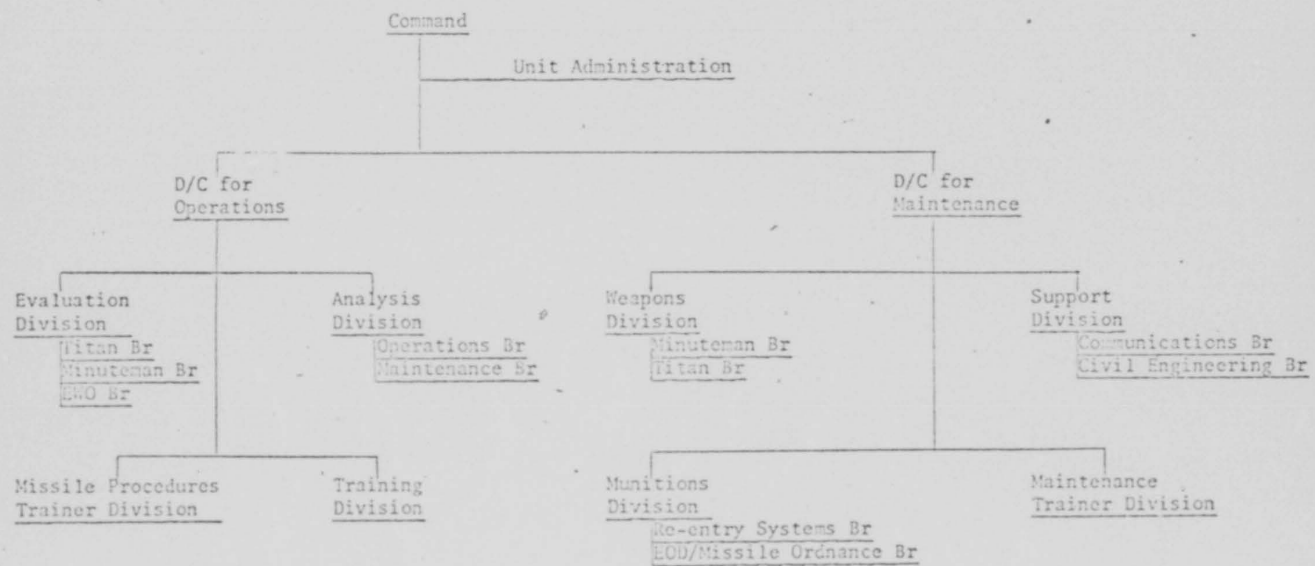
100. Rpt of Visit by Capt J. Kyle, 3901SMES/DOVT, "Titan II Cognizant Agent Test Plan Presentations," from 6-10 Aug 73.
101. Rpt of Visit by Capt J. Kyle, 3901SMES/DOVT, "Validation of Operations Tech Data for Titan II Coded Switch System," from 24-28 Sep 73.
102. Rpt of Visit by Capt G. Gedy, 3901SMES/DOVE, "Revision 'O' Missile EWO Rewrite Conference," on 24-28 Sep 73.
103. Ltr (S), Maj M. Bright, 3901SMES/CCE to CINCSAC/DO, "3901SMES Semiannual Briefing," w/atchs, 13 Jul 73.
104. Rpt of Visit by MSgt J. Dematteis, 3901SMES/LGMT, "Table of Allowance 258 Review," on 10-13 Jul 73.
105. Rpt of Visit by MSgt J. Dematteis, 3901SMES/LGMT, "LGM25/LGM50 Missile Trainers Technical Review Conference," on 24-27 Jul 73.
106. Rpt of Visit by TSgt J. Roach, 3901SMES/LGMT, "Wing VI Trainer Upgrade Silo Program," on 1-3 Aug 73.
107. Rpt of Visit by MSgt J. Dematteis, "Review Trainer Program Requirements Document," on 15-17 Aug 73.
108. Rpt of Visit by MSgt J. Dematteis, 3901SMES/LGMT, "Technical Acceptance Demonstration for the Wing V Final Tape," on 20-24 Aug 73.
109. Rpt of Visit by Capt W. McKee, 3901SMES/LGMT, "Trainer Utilization, Projects, Tech Orders and Instructor Proficiency Evaluation," on 17-21 Sep 73.
110. Msg, 3901SMES/LGMTE to CINCSAC/DORME, "Comm Evaluator Course," 291835Z Oct 73.
111. Ltr, 3901SMES/LGMT, Col J. Carlisle, to CINCSAC/DERX, et al, "Quota and Reporting Instructions for Evaluator and Inspector Training Courses," 16 May 73.
112. Rpt of Visit by SMSgt L. Briggs, 3901SMES/LGMSE, "Staff Study on 3901SMES 541X0 Conversion," 16-20 Jul 73.
113. Rpt of Visit by MSgt D. Simon, 3901SMES/LGMSC, "Pre-publication Review," on 13-17 Aug 73.

75

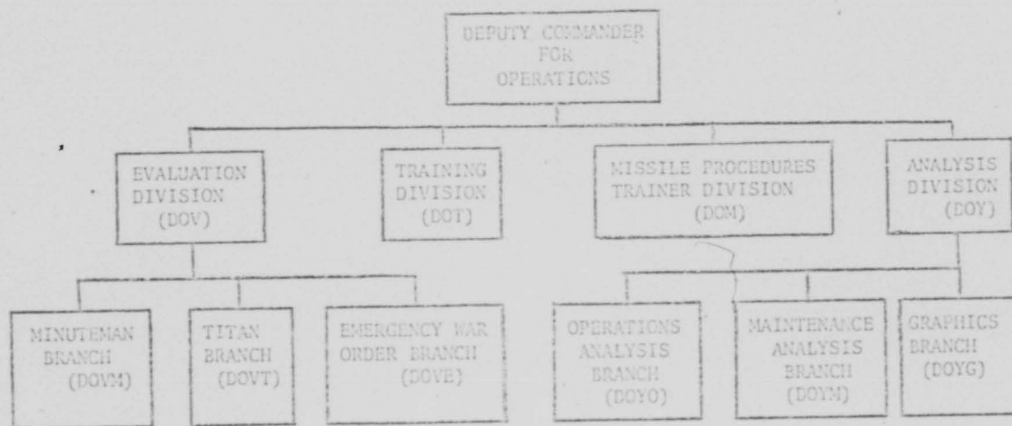
S U P P O R T I N G    D O C U M E N T S

114. Rpt of Visit by MSgt E. Hudson, 3901SMES/LGNSC, "Rewrite of SACCS Command JPG," on 24-28 Sep 73.
115. Msg, 3901SMES/LGNSC to CINCSAC/DOEM, "3901SMES Manning," 162000Z Aug 73.
116. Rpt of Visit by Maj F. Shaffer, 3901SMES/LGMM, "Minuteman Integrated Deployment Planning/Scheduling Meeting," on 10-12 Jul 73.
117. Rpt of Visit by MSgt F. Holmes, 3901SMES/LGNSR, "Verification of Operational Ground Test Procedures," on 23-26 Jul 73.
118. Rpt of Visit by SMSgt P. Hager, 3901SMES/LGMM, "MK 12 Re-entry System Technical Orders Meeting," on 6-9 Aug 73.
119. Msg, 394SMS/MAM to 3901SMES/MAM, et al, "MK 6 Recycle/Test Set Course Schedule," 262045Z Jun 73.
120. Rpt of Visit by SMSgt P. Hager, 3901SMES/LGMM, "Command Review of USAF Proposed Revision, July 1973," on 17-21 Jul 73.
121. Rpt of Visit by TSgt R. Kaderka, 3901SMES/LGMWT, "Blue Suit Testing of the Coded Switch," on 6-9 Aug 73.
122. Rpt of Visit by TSgt R. Kaderka, 3901SMES/LGMWT, "Blue Suit Familiarization Training," on 9-13 Jul 73.
123. Rpt of Visit by MSgt J. Beaver, 3901SMES/LGMWT, "Azimuth Laying Set Checkout and Repair Procedures Conference," on 17-19 Jul 73.
124. Rpt of Visit by MSgt K. Steele, 3901SMES/LGMM, "Mechanical Ground Equipment In-process Review," on 1-3 Aug 73.
125. Rpt of Visit by TSgt E. Foote, 3901SMES/LGM, "Electrical/Electronic MGE Critical Design Review," on 3-8 Sep 73.
126. Rpt of Visit by MSgt P. Tramm, 3901SMES/LGMM, "Wing VI WSIP MGE Critical Design Review," on 17-20 Sep 73.
127. Rpt of Visit by MSgt J. Andrew, 3901SMES/LGMM, "Minuteman Maintenance Manager Review Program," on 28-30 Aug 73.
128. Rpt of Visit by MSgt J. Nelson, 3901SMES/LGMM, "Explain the Minuteman Maintenance Manager Review Program," on 31 Jul-1 Aug 73.

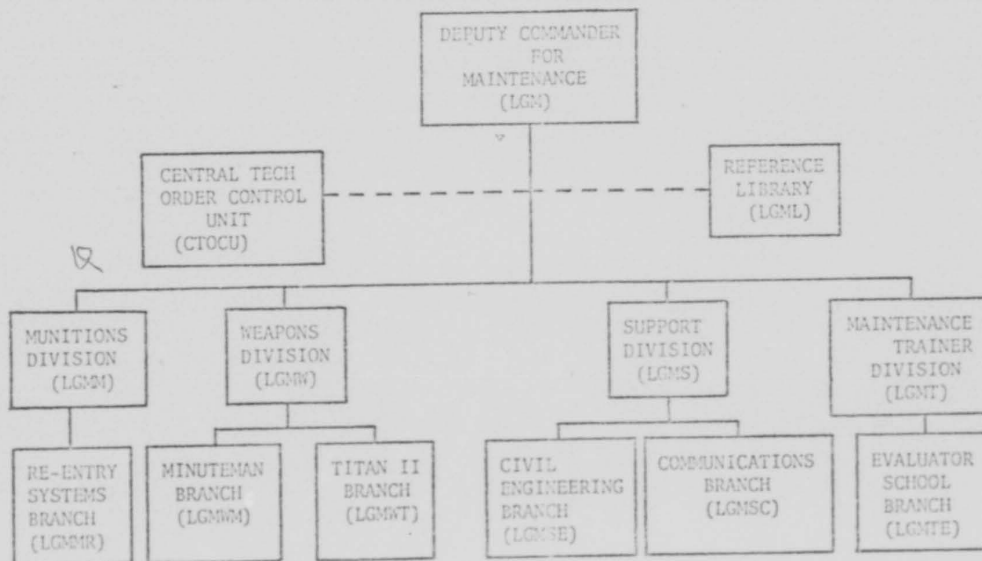
ORGANIZATION CHART - 3901st STRATEGIC MISSILE EVALUATION SQUADRON



ORGANIZATIONAL CHART  
DEPUTY COMMANDER FOR OPERATIONS  
3901ST STRATEGIC MISSILE EVALUATION SQUADRON



ORGANIZATIONAL CHART  
DEPUTY COMMANDER FOR MAINTENANCE  
3901ST STRATEGIC MISSILE EVALUATION SQUADRON



SAC Standardized, EXHIBIT #1

ASSIGNED UNITS

No subordinate units were assigned to the 3901st Strategic Missile Evaluation Squadron. As an organization, the 3901SMES represented an extension of Headquarters Strategic Air Command, and was directly responsible to the SAC Directorate of Operations.



SAC Standardized, EXHIBIT #2

G-SERIES SPECIAL ORDERS PUBLISHED

The 3901st Strategic Missile Evaluation Squadron possessed no authority to publish G-Series special orders. Activities of the 3901SMES requiring the publication of special orders in the G-Series were included in such orders published by Headquarters, 4392nd Aerospace Support Group, Vandenberg AFB, California. 1

1. A complete listing of all G-Series special orders published by Headquarters, 1st Strategic Aerospace Division, and Headquarters, 4392nd Aerospace Support Group, can be found appended to the History, 1st Strategic Aerospace Division, covering this period.

30 JUN 73 02 56

EXHIBIT 28

PRIORITY  
ACTION INFO

PTTUZDKW RHCOAAA3382 1310132-0000-RUNJSLA  
 ZNR 00000 ZDK RHCOAAA ZDI RHWJGLAB105 132332  
 P 292004Z JUN 73  
 FM CINCSAC OFFUTT AFB NE  
 TO ATG 748/ACB  
 ZEN/3962ABWG OFFUTT AFB NE/ACB  
 RT

ACB-2

SACD  
43525

UNCLAS ACB FINAL SECTION OF II  
 RESULTING IN A SUSPENDED REQUIREMENT FOR ALERT  
 CUSTODIAL SERVICES, NO ALERT CUSTODIAL FUNDS WILL BE  
 MADE AVAILABLE BY THIS HQ UNTIL CREWS HAVE RETURNED  
 TO ALERT STATUS.

L. MAINTENANCE OF OFFICE EQUIPMENT: LEVEL OF SERVICES  
 WILL BE HELD TO THE LEVEL PROVIDED IN FY 1973 PENDING RECEIPT  
 OF ANNUAL PROGRAMS.

M. FACILITY PROJECTS: THE MOST URGENT FACILITY  
 PROJECTS HAVE BEEN FUNDED TO THE EXTENT FY73 O&M FUNDS  
 WERE AVAILABLE, THE REMAINING, ADVANCE PROCURED PROJECTS  
 AND OTHER PROJECTS, WILL BE REVIEWED AT THIS HQ IN  
 RELATIONSHIP TO THE AMOUNT OF MFP ONE FUNDS AVAILABLE.  
 FUND SOF RPM PROJECTS TO BE ACCOMPLISHED IN FY 1974  
 WILL CONTINUE TO BE ISSUED ON A PROJECT BY PROJECT BASIS.

PAGE 2 RHCOAAA3382 UNCLAS  
 FUNDING WILL INCLUDE INCREASES OF BOTH ANNUAL AND  
 QUARTERLY PROGRAMS. BASES ARE NOT AUTHORIZED TO ADVERTISE  
 OR AWARD ANY ADDITIONAL PROJECTS.

## N. SUPPLIES:

(1) SUPPLY CONSUMPTION IN SUPPORT OF THE NORMAL  
 MISSION AND SUPPORT ACTIVITIES WILL BE HELD TO THE LEVEL  
 EXPERIENCED FOR THE NORMAL MISSION DURING THE FIRST THREE  
 QUARTERS OF FY 1973, PENDING RECEIPT OF THE FY74 PROGRAM.  
 (2) ISSUES FROM ARLS (AUTOMATIC RESUPPLY LOGISTICS  
 SYSTEM) IN SUPPORT OF MINUTEMAN AND TITAN MISSILES WILL BE  
 FUNDED FROM SAC O&M FUNDS EFFECTIVE 1 JUL 73 AND WILL  
 REPRESENT AUTHORIZED INCREASES OVER FY 1973 ISSUES.  
 OF EQUIPMENT DEFER NEW PROCUREMENT OF EQUIPMENT  
 EXCEPT THAT ESSENTIAL TO MISSION REQUIREMENTS OR TO TAKE  
 DELIVERY OF DUE OUR RELEASES.

## P. MEDICAL ACTIVITIES:

(1) CUSTODIAL SERVICES CONTRACTS FOR MEDICAL  
 FACILITIES WILL BE AWARDED FOR PART ONE REQUIREMENTS ONLY.  
 (2) OTHER TRAINING TRAVEL (THAT WHICH IS GOVERNED  
 BY R 36-9) WILL BE CHANGED SIGNIFICANTLY.

27 JULY 73

EXHIBIT NUMBER 23

PAC 3 RMC0AAA3362 UNCLAS  
FORWARDED FROM HQ USAF/SG WHICH IS EXPECTED TO MAKE  
FINAL APPROVAL OF SUCH OTHER TRAINING TRAVEL A MAJOR  
COMMAND FUNCTION.

(3) NO CONTRACT PRINTING FOR PHARMACY PRESCRIPTION  
LABELS WILL BE AUTHORIZED AT BASE LEVEL IN FY74. CENTRAL  
BUY OF THESE LABELS WILL BE ACCOMPLISHED BY HQ SAC/SG.

D. NEW POLICY ITEMS

(1) EFFECTIVE 1 JUL 73, SAC BASES WILL BE RESPONSIBLE  
FOR CONTRACTING FOR AND FUNDING FOR THE COST OF OFF-BASE  
BILLETING FOR ALL SAC PERSONNEL ON OFFICIAL TDY WHEN ON-  
BASE QUARTERS ARE NOT AVAILABLE. ERIC 59228 APPLIES (REF  
AFM 172-1, VOL 1/ SAC SNP ONE, CHANGE TWO.

SAC MUST ERIC 59228  
WITHIN AND FROM THE  
GND. FOR SAC BILLETING  
THE STATES!

(2) ERIC 5008 513, 514 AND 517 WILL BE ELIMINATED  
EFFECTIVE 1 JUL 73. YEAR-END CONVERSION PROCEDURES AND  
INSTRUCTIONS TO BE UTILIZED IN FY 1974 ARE BEING DISTRIBUTE  
BY HQ SAC/ACF.

(3) EFFECTIVE 1 JUL 73, AIRMEN IN A TDY STATUS  
WILL BE REQUIRED TO PAY A SERVICE CHARGE TO A BILLETING  
FUND FOR QUARTERS OCCUPIED WHILE IN A TDY STATUS AND  
WILL BE REIMBURSED FOR THE AMOUNT PAID NOT TO EXCEED

PAC 4 RMC0AAA3362 UNCLAS

YIC DOLLARS PER NIGHT IN THE SAME FASHION AS OFFICER/  
CIVILIAN PERSONNEL. AS A CONSEQUENCE, CONTRACTS FOR  
BEDMAKING AND CUSTODIAL SERVICES IN TRANSIENT  
AIRMEN QUARTERS WILL NOT BE REQUIRED IN FY74.  
HOWEVER, TDY COSTS FOR AIRMEN TRAVEL WILL INCREASE.  
INITIAL USAF GUIDANCE ON THIS SUBJECT WAS INCLUDED IN  
HQ SAC DFX 292136Z MAY 73 MESSAGE.

PART VII REQUEST ALL SAC UNITS (ODANIS) PROVIDE  
HQ SAC/SGO WLT 2922 HRS 6 JUL 73 AN ESTIMATE OF  
ASIA SNGR COSTS ANTICIPATED TO BE INCURRED IN FIRST  
QUARTER FY74.

PART VIII A SPECIAL EFFORT WILL BE MADE BY  
THIS HQ/ACF TO KEEP ALL SAC UNITS ADVISED OF THE FY  
74 FUNDING OUTLOOK AS INFORMATION BECOMES  
AVAILABLE AS THE RESULT OF CONGRESSIONAL/OSD/  
SAF ACTION.

PART VIII REQUEST EACH ADDRESSER ACKNOWLEDGE RECEIPT  
OF THIS MSG TO HQ SAC/SGO WLT 2922 HRS 2 JUL 73

3368

Called SAC 2050  
2 July 1973

23 JUN 1973 07 04  
23 JUN 1973

EXHIBIT NUMBER 24  
ACTION TIME

71-3  
354-3

RTTUZYU RHCOAAA1322 178322-0000--RUKJSLA  
ZNY 0000  
R 220150Z JUN 73  
FM CINCSAC CENTAF AFB NE  
TO AIG SIXTECOO/TPO  
AIG APO/CO  
AIG OPA/CO  
AIG 748/ACB  
RUCVAAA/2AF BARKSDALE AFB LA/IG  
RUCJAAA/15AF WAFB AFB CA/IG  
RUCJAAA/15AF WAFB AFB CA/IG  
ZNY/SY/2ABWG OFFUTT AFB NE/ACE/TPCC  
BT

UNCLAS LSTX  
SUBJECT: VEHICLE RENTAL FOR SAC RESPONSIBLE IN-  
SPECTION TEAMS. THE FOLLOWING FUNDING GUIDANCE  
FOR RENTAL OF VEHICLES TO SUPPORT SAC INSPECTION  
TEAMS IS PROVIDED, IF THE SAC UNIT BEING INSPECTED  
(OR THE HOST, WHEN THE SAC UNIT IS A TENANT)  
CANNOT PROVIDE THE TRANSPORTATION SUPPORT  
REQUIRED BY THE SAC TEAMS AND RENTAL VEHICLES  
ARE SUBSTITUTED, THE SAC TEAM REPRESENTATIVE

DO  
ADD  
DOX

PAGE 2 RHCOAAA1322 UNCLAS  
WILL PROVIDE AN OBLIGATION AUTHORITY TO DEFRAY  
THE COST INVOLVED. THIS POLICY APPLIES TO 2AF, 15AF,  
HQ SAC IG TEAMS, SAC MSET TEAM, AND THE 3021  
STRATEGIC MSL EVAL TEAM. LOCAL BASE O&M FUNDS  
SHOULD NOT BE APPLIED AGAINST THIS REQUIREMENT.  
FOR 3021 SMSB: EFFECTIVE 1 JULY 73 FUNDING WILL BE  
PROVIDED YOUR UNIT FOR THIS PURPOSE. ACTION  
SHOULD BE TAKEN WITH 1 STRAD/AC TO ESTABLISH AN  
O/A IN CONFORMANCE WITH THE ABOVE GUIDANCE. HQ SAC  
POINT OF CONTACT IS CAPT R. C. THOMPSON/LRTX/  
EXT 5767/2213. THIS IS A COORDINATED IGD/LGT/ACBO/  
DOT/ALMT MESSAGE.  
BT  
21322

NNNN

EXHIBIT NUMBER 25

5 JUN 1973

DD

FY 1974 First Quarter Expensed Supply/Equipment Targets  
(Your ltr, 12 Jun 73)

4392ASG/ACC

1. Reference 3901SMES letter to CINCSAC/ACCIO, dated 5 Feb 1973 (atch 1) and 3901SMES letter to CINCSAC/ACCIO, dated 19 Mar 1973 (atch 2). We have requested additional supply funding from SAC since our 12 January 1973 estimate to you concerning our FY74 Operations Operating Budget. In January, we had estimated an FY74 requirement of \$6,100. In February, we notified SAC of an additional requirement of \$200 (atch 1). In March, a significant increase of \$5,600 was requested (atch 2) due to a change in Air Force policy regarding low cost equipment. As a result, our FY74 general support supplies requirement will amount to approximately \$12,200.

2. In response to your letter of 12 June, request an initial first quarter target of \$2,600 be loaded into the computer. We anticipate that adjustments will be required at a later date to increase our targets, bringing them in line with actual requirements.

SIGNED

J. M. STRICKLAND, Colonel, USAF  
Deputy Commander for Operations

2 Atch

1. 3901SMES/CC ltr,  
5 Feb 73, w/1 atch
2. 3901SMES/CC ltr,  
19 Mar 73

3901SMES Historian





EXHIBIT NUMBER 27

FINANCIAL WORKING GROUP AGENDA  
1330 HOURS, 27 AUG 1973  
Commander's Conference Room, Bldg 10577

MEETING HELD 27 AUG 73, 1330 HOURS

MEMBER: CAPT SCANLON

NOTE: Please bring this agenda to the meeting.

1. Call to order by the Chairman.
2. Old Business: Approval of Financial Working Group minutes, 16 July 1973. (Per Atch 1).
3. New Business:
  - a. Review and approve distribution of Fiscal Year 74 annual program.
  - b. Review equipment requests.
  - c. Establish priority list of unfunded requirements.
  - d. Approval of procurement of Dormitory furniture.



## TRAVEL (Cont)

<u>RC/CC</u>	<u>ORGAN</u>	<u>FY 73 A/O 30 JUN</u>	<u>REQUESTED FY 74 (PART I)</u>	<u>APPROVED FY 74</u>	<u>1ST QTR FY 74</u>
5013XX	3901SMES	134,365	139,000	140,000	35,000
543700	4315CCTS	13,066	51,800	23,300	12,950
543700	ORT	587,556	553,900	591,000	139,850
604480	ICEG Support	21,394	40,000	40,000	10,000
698101	Civ PCS	1,365	3,000	3,000	---
XXXXXX	SEA	794	---	---	---
XXXXXX	Bullet Shot	90,765	---	---	---
603800	Busy Widow	-0-	-0-	10,000	---
	Other Sub-Total	851,129	792,700	807,300	197,800
	Total Travel	956,238	938,500	927,500	234,500

EXHIBIT NUMBER 2-

STATUS OF FUNDS					
SUPPLIES					
ORGAN	RC/CC	FY 73 A/O 30 JUN	REQUESTED FY 74 (PART I)	APPROVED FY 74	1ST QTR FY 74
CC	121010				
HO	121011	1,900	2,000	2,000	500
SE	121060	80	100	100	25
LG	121200	945	1,100	1,100	250
DO	121300	1,740	1,300	1,300	500
XP	121400	4,119	4,300	4,300	1,022
AC	121500	395	300	300	75
DC	121800	9,540	---	3,000	---
394SMS	2131XX	966	900	900	250
SACMET	23040K	232,656	257,200	564,000	198,000
3901SMES	5013XX	764	400	400	200
431SCCTS	543700	8,683	6,100	12,600	2,000
DT	601010	46,216	56,700	45,000	14,475
JA	601020	9,994	12,200	3,800	2,100
OI	601040	768	600	600	150
HC	601050	932	1,800	1,800	300
DA	601100	9,729	14,800	14,800	3,700
PM	601250	78,299	80,000	80,000	22,000
AC	601500	1,763	1,800	1,800	450
ACD	601540	7,617	32,200	10,000	3,400
DP	601600	19,823	---	25,000	5,000
SS	601950	8,229	10,500	10,500	2,000
CAMS	602100	35,906	20,700	20,700	8,300
392CS	603800	115,435	125,000	125,000	31,250
SO	604100	176,145	204,600	183,000	51,000
TS	6042XX	59,624	45,900	45,900	11,475
SP	6043XX	448,309	436,500	452,500	110,000
CES	6044XX	46,177	66,200	66,200	16,550
SV	6046XX	1,843,467	1,764,400	1,534,000	450,000
CB	604700	54,549	60,000	59,000	15,000
Olympic Arena	698218	18,954	14,000	14,000	4,800
FTD 530	903710	9,858	14,000	10,000	-0-
33620L	903720	1,891	2,200	2,200	550
		997	1,000	1,000	250

EXHIBIT NUMBER 27

3001 SIES PERSONNEL TDY FORECAST												JULY 1973	
GR. AND LAST NAME	OFF SYL	ITINERARY	INCLUSIVE DATES	TRIP NUMBER AND SPECIFIC PURPOSE/AUTHORITY	BIR AGCY	TRNSP MODE	COVT QTRS	PD COST	TRVL COST	ESA COST	E A		
		Minot AFB, ND	9-20 Jul	EVIL VISIT		GP		719. <sup>00</sup>	143. <sup>00</sup>	0	1		
		Ellsworth AFB, SD	30 Jul-10 Aug	EVIL VISIT		GP		1209. <sup>00</sup>	222. <sup>00</sup>	0	1		
1	MSgt Holmes	LGMMR Minot AFB, ND	9-28 Jul	LGM 73-136 Tech Order Verification SAC/LGWN 122128Z Jun 73	LGM	CP	YES	162. <sup>00</sup>	143. <sup>00</sup>		A		
2	SSgt Giles	LGMMR Minot AFB, ND	9-28 Jul	Same as Item #1	LGM	CP	YES	112. <sup>00</sup>	143. <sup>00</sup>		A		
3	SSgt Ellertsen	LGMMR Minot AFB, ND	9-28 Jul	Same as Item #1	LGM	CP		112. <sup>00</sup>	143. <sup>00</sup>		A		
4	Capt Cooper	DOM Birmingham, AL	9-12 Jul	DO 73-66 74-1 Post Contract Award SAMS0/MNCK-3 221740Z Jun 73	DO	CP	NO	86. <sup>00</sup>	187. <sup>00</sup>		A		
5	MSgt Jensen	DOM Birmingham, AL	9-12 Jul	Same as Item #4	DO	CP	NO	86. <sup>00</sup>	187. <sup>00</sup>		A		
6	TSgt Miller	DOM Birmingham, AL	9-12 Jul	Same as Item #4	DO	CP	NO	86. <sup>00</sup>	187. <sup>00</sup>		A		
7	Maj Shaffer	LGMM Norton AFB, CA	9-13 Jul	LGM 74-02 LGM30G, MK12 RS Conf. CINCSAC Telecon	LGM	PA	YES	80. <sup>00</sup>	22. <sup>00</sup>		A		
8	TSgt Kaderka	LGMW Denver, CO	9-13 Jul	LGM 74-05 Switch & Suit Testing CINCSAC 032147Z Jul 73	LGM	CP	NO	108. <sup>00</sup>	154. <sup>00</sup>		A		
9	Capt Kyle	DOVT Denver, CO	9-13 Jul	DO 73-67 74-2 T II Agent Test Plan CINCSAC/DOVT 031835Z Jul 73	DO	CP	NO	110. <sup>00</sup>	148. <sup>00</sup>	33. <sup>00</sup>	A		
MOD 17,000				EVALUATION - 9492		CONT VLIH -	TOTAL	2897. <sup>00</sup>	3743. <sup>00</sup>	123. <sup>00</sup>	A		
				SAC SUPPORT - 5763									
				TOTAL - 16255									

EXHIBIT NUMBER 22

3001 SIES FORM 2 REVISED OCT 72

AS OF 24 AUG 73

\* SEMI-MONTHLY GRIEVINGS - \$864.<sup>00</sup>

3001st SMES PERSONNEL TDY FORECAST							MONTH JULY 1973					
GRADE AND LAST NAME	OFF SYM	ITINERARY	INCLUSIVE DATES	TRIP NUMBER AND SPECIFIC PURPOSE/AUTHORITY	DIR ARCY	TRNSP MODE	GOVT QTRS	PO COST	TRVL COST	GSA COST	E A	
0 SMSgt Claycomb	DOVT	Denver, CO	9-13 Jul	DO 74-02 Same as Item #9	DO	CP	NO	111. <sup>00</sup>	148. <sup>20</sup>		A	
1 MSgt Dematteis	LGMT	Warren AFB, WY	9-14 Jul	LGM 74-03 TA258 BOI Conference CINCSAC/LGSE 221423Z May	LGM	CP	YES	103. <sup>00</sup>	201. <sup>00</sup>		A	
2 Col Sands	CC	Offutt AFB, NE	16-20 Jul	CC 74-01 Semiannual Briefing SACM 23-5	CC	GP	NO	108. <sup>00</sup>	0		A	
3 Col Strickland	DO	Offutt AFB, NE	16-20 Jul	DO 74-03 Semiannual Briefing SACM 23-5	CC	GP	NO	103. <sup>00</sup>	0		A	
4 Col Hardin	ADO	Offutt AFB, NE	16-20 Jul	DO 74-03 Semiannual Briefing SACM 23-5	DO	GP	NO	80. <sup>00</sup>	0		A	
5 Capt Scanlon	DOY	Offutt AFB, NE	16-20 Jul	DO 74-03 Same as Item #12	DO	GP	NO	103. <sup>00</sup>	0		A	
6 LtCol Klonoski	LGMS	Offutt AFB, NE	16-20 Jul	LGM 74-06 Same as Item #12	LGM	GP	NO	116. <sup>00</sup>	0		A	
7 LtCol Wright	LGM	Offutt AFB, NE	16-20 Jul	LGM 74-06 Same as Item #12	LGM	GP	NO	108. <sup>00</sup>	0		A	
8 SMSgt Briggs	LGMS	Offutt AFB, NE	16-20 Jul	LGM 74-06 Same as Item #12	LGM	GP	YES	76. <sup>00</sup>	0		A	
9 MSgt Bilsbarrow	LGMWT	Ellsworth AFB, SD	16-20 Jul	LGM74-08 Azimuth Lay. Conference SAC/LGWT 052047Z Jul 73	LGM	CP	YES	54. <sup>00</sup>	217. <sup>00</sup>		A	
MSgt Beaver	LGMWT	Ellsworth AFB, SD	16-20 Jul	Same as Item #19	LGM	CP	YES	52. <sup>00</sup>	217. <sup>00</sup>		A	
EVALUATION -					TOTAL							
SAC SUPPORT -												
TOTAL -												

EXHIBIT NUMBER 25

3001 SMES FORM 2 REVISIED

3001st SWS PERSONNEL TDY FORECAST						MONTH					
						JULY 1973					
GRADE AND LAST NAME	OFF SYM	ITINERARY	INCLUSIVE DATES	TRIP NUMBER AND SPECIFIC PURPOSE/AUTHORITY	DIR AGCY	TRNSP MODE	GOVT QTRS	PD COST	TRVL COST	GSA COST	E A
1 MSgt Jensen	DOM	Hill AFB, UT	20-28 Jul	DO 74-04 Maint Mng Review Meet. OOAMA/SMR 221440Z Jun 73	DO	PA	NO	162. <sup>00</sup>	45. <sup>00</sup>		
2 MSgt Dematteis	LGMT	Hill AFB, UT	23-28 Jul	LGM 74-07 Maint Mng Review Conf. OOAMA/SMR 221440Z Jun 73	LGM	CP	YES	50. <sup>00</sup>	146. <sup>00</sup>	17. <sup>00</sup>	A
3 TSgt Beach	LGMT	Hill AFB, UT	23-28 Jul	Same as #22	LGM	CP	YES	52. <sup>00</sup>	146. <sup>00</sup>		A
4 Capt Cooper	ADM	Hill AFB, UT	23-28 Jul	DO 74-05 Maint Mng Review Conf. OOAMA/SMR 221440Z Jun 73	DO	CP	NO	162. <sup>00</sup>	45. <sup>00</sup>	17. <sup>00</sup>	A
5 LtCol Klonouki	LGM	March AFB, CA	25-27 Jul	LGM 74-09 Semiannual Briefing SACM 23-5	LGM	PA	YES	21. <sup>00</sup>	31. <sup>00</sup>		A
6 Col Strickland	DO	March AFB, CA	25-27 Jul	DO 74-07 Semiannual Briefing SACM 23-5	DO	PA	YES	21. <sup>00</sup>	31. <sup>00</sup>		A
7 Capt Scanlon	DOY	March AFB, CA	26-27 Jul	Same as Item #26	DO	PA	YES	21. <sup>00</sup>	31. <sup>00</sup>		A
8 Col Sands	CC	March AFB, CA	26-27 Jul	CC 74-02 Semiannual Briefing SACM 23-5	CC	PA	YES	21. <sup>00</sup>	31. <sup>00</sup>		A
9 Maj Bennington	DOM	Seattle, WA	30 Jul-1 Aug	DO 74-06 SSAS Conference OOAMA/SMR 181335 Jul	DO	CP	NO	89. <sup>00</sup>	148. <sup>00</sup>		A
10 TSgt Gates	DOM	Seattle, WA	30 Jul-1 Aug	Same as Item #29	DO	CP	NO	89. <sup>00</sup>	148. <sup>00</sup>	9. <sup>00</sup>	A
MOD				EVALUATION - SAC SUPPORT - TOTAL -	TOTAL						

EXHIBIT NUMBER 88





3001st SMS PERSONNEL TDY FORECAST					MONTH					AUGUST 1973				
GRADE AND LAST NAME	OFF SYM	ITINERARY	INCLUSIVE DATES	TRIP NUMBER AND SPECIFIC PURPOSE/AUTHORITY	DID ARCY	TRNSF CODE	CSVT QTRS	PD COST	TRVL COST	GSA COST	E	A		
1 Col Sends	CC	Barksdale AFB	1-3 Aug	BR 74-03-5 Semiannual Briefing	CC	CP	YES	27. <sup>00</sup>	111. <sup>00</sup>			A		
2 LtCol Klonoski	LGMS	Barksdale AFB	1-3 Aug	LGM 74-11 Semiannual Briefing SACM 23-5	LGM	CP	YES	31. <sup>00</sup>	111. <sup>00</sup>			A		
3 Col Strickland	DO	Barksdale AFB	1-3 Aug	DO 74-08 Semiannual Briefing SACM 23-5	DO	CP	YES	35. <sup>00</sup>	111. <sup>00</sup>			A		
4 Capt Scanlon	DOY	Barksdale AFB	1-3 Aug	Same as Item #3	DO	CP	YES	31. <sup>00</sup>	111. <sup>00</sup>			A		
5 MSgt Edson	CTOCU	Offutt AFB, NE	6-9 Aug	LGM 74-13 Command Channel Reporting SACM 23-5	LGM	MP	YES	27. <sup>00</sup>	0					
6 Capt Kyle	DOVT	Denver CO	6-10 Aug	DO 74-09 T II Coded Switch Telecon 31 Jul 73	DO	CP	NO	87. <sup>00</sup>	134. <sup>00</sup>	33. <sup>00</sup>		A		
7 SMSgt Claycomb	DOVT	Denver, CO	6-10 Aug	Same as Item #6	DO	CP	NO	87. <sup>00</sup>	134. <sup>00</sup>			A		
8 TSgt Kaderka	LGMNT	Denver, CO	6-10 Aug	LGM 74-14 Coded Switch Testing CINCSAC/LGBT 2520472 Jul 73	LGM	CP	NO	91. <sup>00</sup>	134. <sup>00</sup>			A		
9 MSgt Simon	LGMSC	Hill AFB, UT	13-17 Aug	LGM 74-10 Pre-Pub Review CINCSAC/DOCM 172044Z Jul 73	LGM	CP	NO	108. <sup>00</sup>	148. <sup>00</sup>	26. <sup>00</sup>		A		
10 TSgt Roach	LGMT	Warren AFB, WY	12-25 Aug	LGM 74-15 Wing V Tech Order Verifi. SANSO/MNTP 011015Z Jul 73	LGM	CP	YES	109. <sup>00</sup>	196. <sup>00</sup>			A		
11 SSgt Arnold	LGMT	Warren AFB, WY	12-25 Aug	Same as Item #10	LGM	CP	YES	109. <sup>00</sup>	196. <sup>00</sup>			A		
MOD					EVALUATION - 0			TOTAL		1645. <sup>00</sup>	1809. <sup>00</sup>	99. <sup>00</sup>	A	
					SAC SUPPORT - 3553. <sup>00</sup>			TOTAL						
					TOTAL - 3553. <sup>00</sup>									

EXHIBIT NUMBER 29

3001 SERIES FORM 2 REVISED OCT 72

AS OF 24 SEP 73

\* SEMI-ANNUAL BRIEFING \$509.<sup>00</sup>



3901st SMS PERSONNEL TDY FORECAST				MONTH AUGUST 1973							
GRADE AND LAST NAME	OFF SYL	ITINERARY	INCLUSIVE DATES	TRIP NUMBER AND SPECIFIC PURPOSE/AUTHORITY	DIR AGENCY	TRANSP MODE	GOVT QTRS	PD COST	TRVL COST	GSA COST	E A
2 Capt Cooper	DOM	Seattle, WA	13-16 Aug	DO 74-10 Manage. Review Meeting OOAMA RO 22055Z Aug 73	DO	CP	NO	113. <sup>00</sup>	148. <sup>00</sup>	12. <sup>00</sup>	A
5 MSgt Dematteis	LGMT	Anaheim, CA	14-25 Aug	LGM 74-17 Trainer Design Review OOAMA/OME 191400Z Jul 73	LGM	PA	NO	27. <sup>00</sup>	27. <sup>00</sup>		A
4 SSgt Hopke	LGMT	Anaheim, CA	14-25 Aug	LGM 74-16 Trainer Design Review OOAMA/OME 191400Z Jul 73	LGM	PA	NO	240. <sup>00</sup>	46. <sup>00</sup>	28. <sup>00</sup>	A
5 Lt Col Wright	LGM	Hill AFB UT	20-25 Aug	LGM 74-18 System Mgmt Conference CINCSAC/LGSW 122203Z Jul 73	LGM	GP	NO	112. <sup>00</sup>	0		A
6 Lt Col Driesback	LGMW	Hill AFB UT	20-25 Aug	Same as Item #15 LGM 74-19	LGM	GP	NO	112. <sup>00</sup>	0		A
7 MSgt Andrew	LGMWM	Hill AFB UT	27-31 Aug	MMRP Conference SAC/LGBA 221737Z Aug 73	LGM	CP	YES	32. <sup>00</sup>	142. <sup>00</sup>		A
				EVALUATION -			TOTAL				
				SAC SUPPORT -							
				TOTAL -							

EXHIBIT - NUMBER 29

3901 SMS FORM 2 REVISIED OCT 72



3001st SMS PERSONNEL TDY FORECAST					MONTH		SEPTEMBER 1973					
GRADE AND LAST NAME	OFF SYM	ITINERARY	INCLUSIVE DATES	TRIP NUMBER AND SPECIFIC PURPOSE/AUTHORITY	DIP AGENCY	TRANSP MODE	GOVT QTRS	PD COST	TRVL COST	ESA COST	E A	
		DAVIS-MONTHAN AFB AZ	10-21 Sep	EVAL VISIT		GP		2765. <sup>00</sup>			A	
		MALMSTROM AFB, MT	10-21 Sep	EVAL VISIT		GP		4846. <sup>00</sup>	103. <sup>00</sup>		A	
1 TSgt Foote	LGMMW	Seattle, WA	3-8 Sep	LGM 74-20 Wing VI/Sq 20WSIP CINCSAC 172111Z Aug 73	LGM	CP	NO	133. <sup>00</sup>	150. <sup>00</sup>	25. <sup>00</sup>	A	
2 MSgt Jensen	DOM	F.E. Warren, WY	10-14 Sep	DO 74-12 Changeproofing ECP1317R3 3901SMS 241500Z May 73	DO	CP	YES	26. <sup>00</sup>	103. <sup>00</sup>		A	
3 TSgt Gates	DOM	F.E. Warren, WY	10-14 Sep	Same As Item #2	DO	CP	YES	16. <sup>00</sup>	115. <sup>00</sup>		A	
4 MSgt Holmes	LGMMR	Minot AFB, ND	16-19 Sep	LGM 74-21 JPG 463X0-3 Evaluation SAC/LGWN 272028Z Aug 73	LGM	CP	YES	32. <sup>00</sup>	235. <sup>00</sup>		A	
5 SSgt Giles	LGMMR	Minot AFB, ND	16-19 Sep	Same as Item #4	LGM	CP	YES	32. <sup>00</sup>	235. <sup>00</sup>		A	
6 SMSgt Hager	LGMM	Barksdale AFB, LA	16-21 Sep	LGM 74-24 Command Review/AFM 66-1 SAC/LGWN 042148Z Sep 73	LGM	CP	YES	23. <sup>00</sup>	96. <sup>00</sup>		A	
7 Capt McKee	LGMT	Offutt AFB, NE	17-21 Sep	LGM 74-22 Wing I Trainer Mod. SAC/LGWA Ltr. 27 Jul 73	LGM	GP	NO	109. <sup>00</sup>	109. <sup>00</sup>		A	
8 CMSgt Walter	LGMT	Offutt AFB, NE	17-21 Sep	Same as Item #7	LGM	GP	NO	100. <sup>00</sup>	109. <sup>00</sup>		A	
9 MSgt Dematteis	LGMT	Offutt AFB, NE	17-21 Sep	Same as Item #7	LGM	GP	NO	100. <sup>00</sup>	109. <sup>00</sup>		A	
MOB 13,000				EVALUATION - 7714. <sup>00</sup>	CONTR. VEHICLE 2850. <sup>00</sup>	TOTAL		1408. <sup>00</sup>	3164. <sup>00</sup>	25. <sup>00</sup>	A	
				SAC SUPPORT - 4617. <sup>00</sup>								
				TOTAL - 12,331. <sup>00</sup>								

EXHIBIT NUMBER 30

3001 SMS FORM OCT 72 2 REVISED

AS OF 12 OCT 73

3001st SITES PERSONNEL TDY FORECAST							MONTH SEPTEMBER 1973					
GRADE AND LAST NAME	OFF SYM	ITINERARY	INCLUSIVE DATES	TRIP NUMBER AND SPECIFIC PURPOSE/AUTHORITY	ORG AGENCY	TRNSP MODE	COVT QTRS	PD COST	TRVL COST	BSA COST	E A	
10 A1C Taylor	HO	Offutt AFB, NE	17-21 Sep	CC 74-06 Conference w/SAC Historian SAC/HQ Ltr. 31 Aug 73	CC	GP	YES	5.50	109.00		A	
<del>11 Col Sands</del>	<del>CC</del>	<del>Minstrom AFB, MI</del>	<del>18-21 Sep</del>	<del>CC 74-05 Evaluation Critique SACM 23-5</del>	<del>CC</del>	<del>GP</del>						
12 MSgt Hudson	LGNSC	March AFB, CA	24-28 Sep	LGM 74-23 Rewrite Command JPG/SACCS 15AF/DOCM 052149Z Sep 73	LGM	PA	YES	42.00	31.00		A	
<del>13 Maj Middleton</del>	<del>DOVS</del>	<del>March AFB, CA</del>	<del>24-28 Sep</del>	<del>DO 74-13 Rewrite BHO Conference</del>	<del>DO</del>	<del>PA</del>						
14 Capt Cody	DOVE	March AFB, CA	24-28 Sep	Same as Item #13	DO	PA	YES	69.00	11.00			
15 TSgt Morgan	LGMM	Norton AFB, CA	12-15 Sep	LGM 74-25 Wing VI Hardness Review SACM 23-5	LGM	PA	YES	24.00	31.00			
16 MSgt Tramm	LGMM	Needham Hts, MA	17-20 Sep	LGM 74-27 SANSO/MNHL 102220Z Sep 73 Wing VI WSIP WGE CDR	LGM	CP	NO	85.00	302.00		A	
17 Capt Karcewski	LGMM	Anaheim, CA	24-28 Sep	LGM 74-26 Pre-pub Review SAC/LCBM 041910Z Sep 73	LGM	PA	NO	97.00	27.00		A	
18 MSgt Roscoe	LGMM	Anaheim, CA	24-28 Sep	Same as Item #17	LGM	PA	NO	84.00	19.00		A	
19 Capt Kyle	DOVT	McConnell AFB, KS	24-27 Sep	DO 74-11 487L & Titan II Demo SAC/161848Z Aug 73	DO	CP	YES	43.00	25.00		A	
20 SMSgt Claycomb	DOVT	McConnell AFB, KS	24-27 Sep	Same as Item #19	DO	CP	YES	23.00	25.00		A	
MOD			EVALUATION - SAC SUPPORT - TOTAL -			TOTAL						

EXHIBIT - NUMBER 30

3001 SITES FORM 2 REVISIED  
OCT 72



EXHIBIT NUMBER 31

DEPARTMENT OF THE AIR FORCE  
390157 STRATEGIC MISSILE EVALUATION SQUADRON (SAC)  
VALDENBERG AIR FORCE BASE, CALIFORNIA 93437



REPLY TO  
ATTN OF: DOY

5 November 1973

SUBJECT: FY 74 Budget

TO: HQ

Following are the estimates for 39015MES TDY expenditures for the period of 1 October through 31 December 1973.

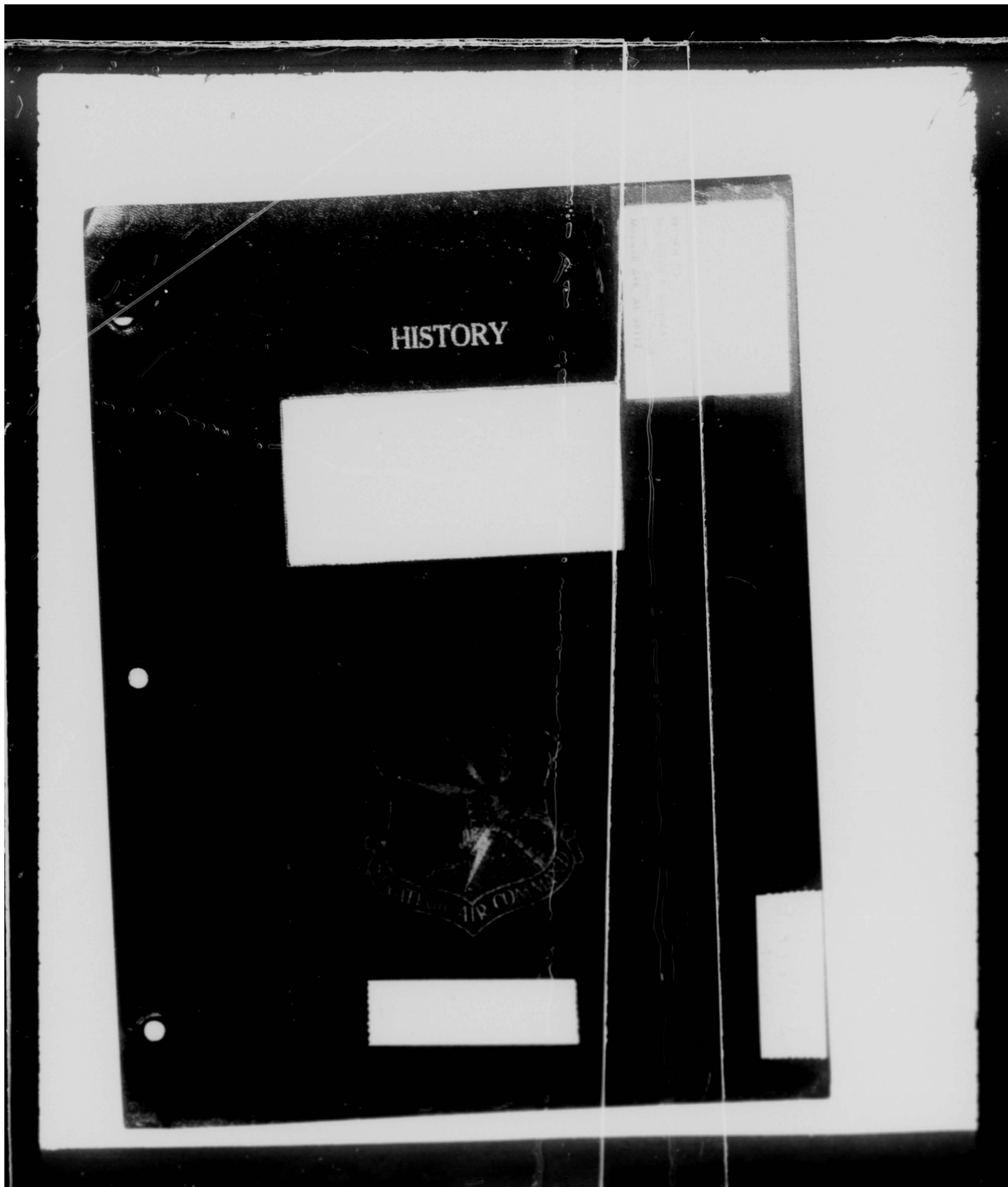
<u>Evaluation Visits</u>	<u>Est.</u> <u>Expense</u>	<u>SAC Staff Support</u>	
		<u>Month</u>	<u>Est.</u> <u>Expense</u>
Base			
F. E. Warren	4,000	October	\$ 5,000
Little Rock	3,100		
Grand Forks	5,000	November	8,000
McConnell	4,600		
Whiteman	2,600		
Contract Vehicles	<u>5,400</u>	December	<u>2,000</u>
Sub-Totals	<u>\$24,700</u>		<u>\$15,000</u>

Grand Total \$39,700

*J. M. Strickland*  
J. M. STRICKLAND, Colonel, USAF  
Deputy Commander for Operations

Peace . . . . is not Profession







Copy No. 2

AFSHRC  
MAXWELL AFB AL 36112

RETURN TO

*USA-2 VM-3000  
105 DPO 1973*

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3901ST STRATEGIC MISSILE EVALUATION SQUADRON

October-December 1973

Volume I

Assigned to  
Headquarters Strategic Air Command

Stationed at  
Vandenberg Air Force Base, California

*Richard D. Taylor*  
RICHARD D. TAYLOR  
AIC, USAF  
Historian

*William H. Sands*  
WILLIAM H. SANDS  
Colonel, USAF  
Commander

27 MAR 1974

(Date)

FOR OFFICIAL USE ONLY

*3-8837-1  
900308*

F O R W A R D

(U) There were a large number of areas not covered in this history, either because of slack activity in those areas or lack of status changes.

(U) Since the last reporting, no changes occurred in the mission or organization of the squadron. There were no key personnel changes, and due to the cyclic nature of the superior performance proficiency pay program, no recipients were named this quarter. In addition, no changes occurred that significantly affected the morale of squadron personnel. Neither the squadron nor any of its key personnel received any major awards during this reporting period.

(U) The historian was hospitalized after being injured in a mountain climbing accident, and the history was submitted late as a result of his absence.

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C H R O N O L O G Y

<u>DATE(S)</u>	<u>EVENT</u>	<u>PAGE</u>
6 September	Captain W. Scanlon requested an additional \$7,000 to meet contract vehicle requirements of squadron. <u>1</u>	2
1 October	Captain R. Urbanski was promoted to the temporary grade of Major. <u>2</u>	7
1-4 October	Technical Sergeant M. Davison attended a coded switch conference at McConnell AFB, Kansas. <u>3</u>	47
2-4 October	Technical Sergeant P. Gates attended a preliminary design review for ECP 1391 at The Boeing Company, Seattle, Washington. <u>4</u>	37
5 October	Squadron received \$5,000 requested for contract vehicle requirements. <u>5</u>	2
5 October	Major F. Shaffer attended the nuclear weapons advanced course 302R4625 at Kirtland AFB, New Mexico. <u>6</u>	32
8-12 October	Colonel W. Sands and Captain R. Oliverio went to Headquarters SAC/DEF to resolve mapping problems. <u>7</u>	46
8-13 October	Technical Sergeant G. Smith attended a simulated electronic launch Minuteman technical data in-process review meeting at The Boeing Company, Seattle, Washington. <u>8</u>	49
9-12 October	Master Sergeant J. Jensen and Technical Sergeant C. Miller attended a quarterly technical review meeting for the new trainer procurement package. <u>9</u>	38
9-20 October	The 90SMW at F. E. Warren AFB, Wyoming was evaluated by squadron evaluators. <u>10</u>	13
10-12 October	Technical Sergeant J. Roach attended the mechanical maintenance ground equipment long range procurement plan meeting at The Boeing Company, Seattle, Washington. <u>11</u>	43

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CHRONOLOGY

<u>DATE(S)</u>	<u>EVENT</u>	<u>PAGE</u>
15-19 October	Master Sergeant J. Nelson attended a post publication review of T.O. 21M-LCM30G-2-1 (VAFB, Wing V Mod) meeting at F. E. Warren AFB, Wyoming. <u>12</u>	49
18-19 October	Technical Sergeant J. Roach attended the review of the Wing VI trainer requirements with the Ralph M. Parsons Company, Los Angeles, California. <u>13</u>	43
21 October	Technical Sergeant P. Przybylowski was injured in a recreational accident. <u>14</u>	31
23 October	Senior Master Sergeant A. Kelley attended the USAF senior non-commissioned officers academy at Gunter AFB, Alabama. <u>15</u>	32
23-24 October	Major R. Thompson attended a software status authentication system conference at The Boeing Company, Seattle, Washington. <u>16</u>	40
23-25 October	Technical Sergeant J. Jenkins attended a conference to discuss changes and modifications of Wing VI for the command data buffer. <u>17</u>	48
23-26 October	Technical Sergeant K. Padgett attended a Minuteman system safety group meeting at The Boeing Company, Seattle, Washington. <u>18</u>	48
25-27 October	Captain D. Karcewski attended the in-process review meeting of T.O. 21M-LGMS0F-2-12-1 at Autonotics Corporation at Anaheim, California. <u>19</u>	49
28 October- 2 November	Captain L. Cooper and Technical Sergeant P. Gates attended the final checkout of Phase B, ECP 1311, command data buffer at F. E. Warren AFB, Wyoming. <u>20</u>	39
29 October- 9 November	The 308SMW at Little Rock AFB, Arkansas was evaluated by the 3901SMES. <u>21</u>	17
1 November	Captain F. Zachary was promoted to the temporary grade of Major. <u>22</u>	7



CHRONOLOGY

<u>DATE(S)</u>	<u>EVENT</u>	<u>PAGE</u>
1 November	Staff Sergeants H. Aherns and P. Lieberum were promoted to Technical Sergeants. <u>23</u>	7
5-16 November	Squadron evaluators went to Grand Forks AFB, North Dakota to evaluate the 321SMW. <u>24</u>	19
6-8 November	Captain W. Neighbors attended a command conference for munitions maintenance squadron commanders and RV branch chiefs at Offutt AFB, Nebraska. <u>25</u>	48
7-9 November	Senior Master Sergeant N. Bean attended a maintenance information retrieval and analysis system conference at Scott AFB, Illinois. <u>26</u>	37
12 November	Headquarters SAC/LGB approved a 3901SMES request to develop a new system of maintenance analysis. <u>27</u>	36
12-16 November	Master Sergeant J. Dematteis and Technical Sergeant J. Roach attended the Wing III trainer final specification review at The Boeing Company, Seattle, Washington. <u>28</u>	44
12-16 November	Staff Sergeant B. Hopke and G. Arnold attended a master program tape demonstration at Autonetics Corporation, Anaheim, California. <u>29</u>	44
13-15 November	Captain W. McKee and Master Sergeant L. Skelton attended an ICEM training conference at Headquarters SAC/LGB. <u>30</u>	42
26 November-7 December	Evaluators from 3901SMES went to McConnell AFB, Kansas to evaluate the 381SMW. <u>31</u>	19
26 November-7 December	The 351SMW at Whiteman AFB, Missouri was evaluated by the 3901SMES. <u>32</u>	23
26-30 November	Master Sergeant R. Roscoe and Technical Sergeant M. Cheney attended the Air Force Inspector General inspector orientation course at Norton AFB, California. <u>33</u>	45

C H R O N O L O G Y

<u>DATE(S)</u>	<u>EVENT</u>	<u>PAGE</u>
28 November	Captain L. Cooper attended the Code II coded switch preliminary design review for trainers at Davis-Monthan AFB, Arizona. <u>34</u>	39
29 November	Captain W. Scanlon requested \$3,000 to meet high contract vehicle costs. <u>35</u>	2
1 December	Technical Sergeants H. Blair, E. Meyers and J. Roach sewed on Master Sergeant stripes. <u>36</u>	7
5 December	Squadron received \$3,000 requested on 29 November 1973. <u>37</u>	2
5-13 December	Master Sergeant J. Roach attended a demonstration of the Wing VI and squadron 20 maintenance ground equipment. <u>38</u>	45
6-14 December	An evaluation visit to the 308SMW was conducted and produced excellent results. <u>39</u>	51
7-14 December	A recycle evaluation at Little Rock AFB, Arkansas was conducted by 11 of 3901SMES personnel. <u>40</u>	28
14 December	Captain W. Scanlon submitted the operating budget for fiscal year 1975. <u>41</u>	2
14 December	Changes made to format of SAC Forms 875 were officially released to Vandenberg AFB, California's data automation office. <u>42</u>	36
17-20 December	Technical Sergeants E. Foote and R. Dunshee attended a Wing VI silo update conference at The Boeing Company, Seattle, Washington. <u>43</u>	50

FOOTNOTES TO CHRONOLOGY  
OCTOBER-DECEMBER 1973

1. Msg, CINCSAC/LGTX to 3901SMES/CC, "Vehicle Rental for Evaluation Visits," 062200Z Sep 73, Ex 4.
2. Special Order AB-1815 on Capt R. Urbanski, 1 Oct 73, Ex 13.
3. Rpt, Rpt of Visit by TSgt R. Kaderka, 3901SMES/LGMWT, "Review of Tech Data for Coded Switch," 1-4 Oct 73, 95.
4. Rpt, Rpt of Visit by TSgt P. Gates, 3901SMES/DOM, "ECP 1391 and Wing V OEP Impact," 2-5 Oct 73, Ex 73.
5. Msg, CINCSAC/ACBO to 4392ASG/ACB, "Vehicle Rental for Evaluation Visits," 5 Oct 73, 1938, Ex 5.
6. VAN Form 336, "Request for Action on Allocated School Quotas," 2 Aug 73, Ex 65.
7. Memo for Record by Capt R. Oliverio, 3901SMES/LGMSE, "Staff Conference on 3901SMES Manning Problems," 8-12 Oct 73, Ex 94.
8. Rpt, Rpt of Visit by TSgt G. Smith, 3901SMES/LGMWM, "Simulated Electronic Launch Minuteman In-Process Technical Data Review," 8-13 Oct 73, Ex 99.
9. Rpt, Rpt of Visit by TSgt C. Miller, 3901SMES/DOM, "Quarterly Program Technical Review Meeting," 9-12 Oct 73, Ex 74.
10. Rpt, Eval Rpt #73-15 (FOUO), 90SMW, F. E. Warren AFB, WY, 9-20 Oct 73, Ex 32.
11. Rpt, Rpt of Visit by TSgt J. Roach, 3901SMES/LGMT, "Mechanical MGE Long Range Procurement Plan Meeting," 10-12 Oct 73, Ex 79.
12. Rpt, Rpt of Visit by MSGT J. Nelson, 3901SMES/LGMWM, "Post Publication Review and Update," 15-19 Oct 73, Ex 100.
13. Rpt, Rpt of Visit by TSgt J. Roach, 3901SMES/LGMT, "Back Check Review of Wing VI Trainer Requirements," 18-19 Oct 73, Ex 80.
14. AF Form 711ab, "Ground Accident Rpt, Non-Major," 31 Oct 73, by Col W. Sands, 3901SMES/CC, Ex 57.
15. VAN Form 336, "Request for Action on Allocated School Quotas," 17 Sep 73, Ex 64.

## FOOTNOTES TO CHRONOLOGY (Continued)

16. Rpt, Rpt of Visit by Maj R. Thompson, 3901SMES/DOVM, "Software Status Authentication System Conference," 23-24 Oct 73, Ex 77.
17. Rpt, Rpt of Visit by TSgt J. Jenkins, 3901SMES/LGMM, "Wing VI MGE Preliminary Design Review," 23-25 Oct 73, Ex 97.
18. Rpt, Rpt of Visit by TSgt K. Padgett, 3901SMES/LGMM, "Minuteman System Safety Group Meeting," 23-26 Oct 73, Ex 98.
19. Rpt, Rpt of Visit by Capt D. Karcewski, 3901SMES/LGMM, "In-Process Review," 25-27 Oct 73, Ex 101.
20. Rpt, Rpt of Visit by Capt L. Cooper, 3901SMES/DOVM, "Technical Review Meeting for ECP 1311 (Phase B)," 28 Oct-2 Nov 73, Ex 75.
21. Ltr, Col E. Bailey, 308SMW/CC to CINCSAC/DOVM, et al, "Report of Evaluation #73-16," 28 Nov 73, pp 3, 4, Ex 35.
22. Special Order AB-2016 on Capt F. Zachary, 1 Nov 73, Ex 14.
23. Special Order AB-2861 on SSgt H. Aherns, 1 Nov 73, Ex 15.
24. Rpt, Eval Rpt #73-17 (FOUO), 381SMW, McConnell AFB, KS, 26 Nov-7 Dec 73, Ex 37.
25. Rpt, Rpt of Visit by Capt W. Neighbors, 3901SMES/LGMM, "Command Conference for Munitions Maintenance Squadron Commanders," 6-8 Nov 73, Ex 96.
26. Rpt, Rpt of Visit by SMSgt N. Bean, 3901SMES/DOVM, "Maintenance Information Retrieval and Analysis System Conference," 7-9 Nov 73, Ex 72.
27. Rpt, Col V. Longo, Hq SAC/OGBA, to 3901SMES/CC, "Computer Analysis of Personnel Evaluations," 12 Nov 73, Ex 71.
28. Rpt, Rpt of Visit by MSgt J. Dematteis, 3901SMES/LGMM, "EU Trainer-Wing III Specification Review," 12-16 Nov 73, Ex 82.
29. Rpt, Rpt of Visit by SSgt G. Arnold, 3901SMES/LGMM, "Technical Acceptance Demonstration for the Wing III Tape," 12-16 Nov 73, Ex 81.
30. Rpt, Rpt of Visit by Capt McKee, 3901SMES/LGMM, "SAC Missile Maintenance Training Conference," 12-16 Nov 73, Ex 78.

## FOOTNOTES TO CHRONOLOGY (Continued)

31. Rpt, Eval Rpt #73-18 (FOUO), 381SMW, McConnell AFB, KS, 26 Nov-7 Dec 73, Ex 38.
32. Rpt, Eval Rpt #73-19 (FOUO), 351SMW, Whiteman AFB, MO, 26 Nov-7 Dec 73, Ex 40.
33. Ltr, Col W. Miller, Hq SAC IG, to CMSgt Walter, 3901SMES/LGNT, "USAF IG Orientation Course (74-K)," 12 Nov 73, Ex 91; Msg, CINCSAC/IGE to 3901SMES, "The Inspector General Orientation Course," 2300Z Nov 73, Ex 92; Interoffice Memo from CMSgt R. Walter, 3901SMES/LGNT, to Lt Col Wright/Lt Col Fisher, 3901SMES/ALGM, 16 Nov 73, Ex 95.
34. Rpt, Rpt of Visit by Capt L. Cooper, 3901SMES/DOM, "Titan II Coded Switch Preliminary Design Review," 28 Nov 73, Ex 76.
35. Msg, 3901SMES/CC to CINCSAC/LGTX, "Vehicle Rental for Evaluation Visits," 291800Z Nov 73, Ex 6.
36. Special Order A-3175 on TSgt H. Blair, on 1 Dec 73, Ex 16.
37. Msg, CINCSAC/ADBO to 1STRAD/ACB, "Vehicle Rental Funds," 5 Dec 73, 1517, Ex 7.
38. Rpt, Rpt of Visit by MSgt J. Roach, 3901SMES/LGNT, "Critical Design Review Wing VI Mechanical MGE," 5-13 Dec 73, Ex 83.
39. Interview by AIC R. Taylor, historian, with Maj S Roadarmel, 3901SMES/LGNT, on 27 Feb 74.
40. Rpt, Eval Rpt #73-16a (FOUO), 308SMW, Little Rock AFB, AR, 29 Oct-9 Nov 73, Ex 36.
41. Ltr, Col W. Sands, 3901SMES/CC, to 4392ASG/ACB, "FY 1975 Operations Operating Budget (OOB)," 14 Dec 73, Ex 8.
42. Interview by AIC R. Taylor, historian, with SMSgt N. Bean, 3901SMES/DOYM NCOIC, 20 Feb 74; Telecon on 10 Feb 74 with Capt W. Scanlon, 3901SMES/DOY and Mrs. Bombard, Chief of Base Level Programming Section, Hq/SAC Data Automation.
43. Rpt, Rpt of Visit by TSgt E. Foote, 3901SMES/LGNT, "Wing VI Motor Generator Set Critical Design Review," 17-20 Dec 73, Ex 102.

I N T R O D U C T I O N

(U) This history of the 3901 Strategic Missile Evaluation Squadron (SMES) will consist of a detailed discussion of the activities of the squadron during the October-December 1973 reporting period. Included will be examination of squadron financial expenditures and matters pertaining to personnel and manning. The main emphasis however, will be on evaluation visits and TDY travel in support of the SAC staff. Five wings were evaluated and 23 SAC directed TDY trips were made by squadron personnel during the quarter.



CHAPTER I  
SQUADRON STATUS

SQUADRON FINANCIAL EXPENDITURES

(U) The quarter began with an annual fund target of \$6,680 in the supplies account. This provided the squadron \$2,030 for the second quarter that, when added to the \$577 left over from the previous period, gave the squadron \$2,607 for the quarter. Only \$2,508 was spent during the reporting period, which left \$99 in the supply account to add to the third quarter's allocation.<sup>1</sup>

(U) The following charts reflect the actual squadron supply expenditures for the second quarter and the projected expenditures for the third.<sup>2</sup>

SUPPLIES

<u>Actual Expense - 2nd Qtr</u>	<u>Projected Expense - 3rd Qtr</u>
October           \$ 702.31	January           \$1,139.00
November         1,244.96	February         1,139.00
December         560.31	March             1,141.00
Total Expense - 2nd Qtr	- \$2,507.58
Total Projected Expense - 3rd Qtr-	\$3,419.00

1. Interview by AIC R. Taylor, historian, with Capt W. Scanlon, 3901SMES Resource Advisor, on 24 Jan 74.  
Rpt, PFMR/OCCR Status and Reconciliation Reports," 26 Oct 73;  
Rpt, PFMR/OCCR Status and Reconciliation Reports," 29 Nov 73;  
Rpt, PFMR/OCCR Status and Reconciliation Reports," 20 Dec 73;
2. Rpt, PFMR/OCCR Status and Reconciliation Reports," 26 Oct 73;  
Rpt, PFMR/OCCR Status and Reconciliation Reports," 29 Nov 73;  
Rpt, PFMR/OCCR Status and Reconciliation Reports," 20 Dec 73;  
Ltr, Capt W. Scanlon, 3901SMES/DOY, to 3901SMES/HO, "Supply Expenses," 10 Jan 74, Ex 5.

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(U) As reported in the last history, the 3901SMES pays for contract rental vehicles used in the support of evaluation visits. The quarter began with \$3,000 allotted for this purpose. This was deemed insufficient by Captain William A. Scanlon, the squadron's resource advisor, and on 6 September 1973 an additional \$7,000 was requested to meet the needs of the squadron. On 5 October 1973, word was received that an additional \$5,000 had been allotted for contract vehicle requirements. Then on 29 November, it became apparent that additional funds were needed and a request was sent to Offutt Air Force Base (AFB), Nebraska for \$5,000. The squadron received notification of approval on 5 December 1973, bringing the vehicle rental allocation to \$11,000.<sup>3</sup>

(U) The operating budget for fiscal year 1975 was submitted on 14 December 1973 by Captain Scanlon. The combined account total was \$176,000.<sup>4</sup>

3. Msg, CINCSAC/LGTX to 3901SMES/CC, "Vehicle Rental for Evaluation Visits," 062200Z Sep 73, Ex 4; Msg, CINCSAC/ACBO to 4392ASG/ACB, "Vehicle Rental for Evaluation Visits," 5 Oct 73, 1938, Ex 5; Msg, 3901SMES/CC to CINCSAC/LGTX, "Vehicle Rental for Evaluation Visits," 291800Z Nov 73, Ex 6; Msg, CINCSAC/ACBO to 1STRAD/ACB, "Vehicle Rental Funds," 5 Dec 73, 1517, Ex 7; Interview by AIC R. Taylor, historian, with Capt W. Scanlon, 3901SMES Resource Advisor, on 24 Jan 74.
4. Ltr, Col W. Sands, 3901SMES/CC, to 4392ASG/ACB, "FY 1975 Operations Operating Budget (OOB)," 14 Dec 73, Ex 8.

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TDY FUND EXPENDITURES - 2ND QUARTER <sup>5</sup>

<u>EVALUATION VISITS</u>		<u>SAC STAFF SUPPORT</u>	
<u>BASES</u>	<u>COSTS</u>	<u>MONTHS</u>	<u>COSTS</u>
F. E. Warren	\$ 6,056	October	\$3,925
Little Rock	5,105		
Grand Forks	5,238	November	2,255
McConnell	4,528		
Whiteman	3,942		
Contract Vehicles	2,305	December	1,532
	<u>\$27,174</u>		<u>\$7,712</u>
		Grand Total	<u>\$34,886</u>
2nd Quarter Expended Projection			\$39,700
2nd Quarter Funds Expended			\$34,886
2nd Quarter Funds Expended Under Projection			\$ 4,814

5. 3901SMES Form 2, "3901SMES Personnel TDY Forecast," Oct 73, Ex 9; 3901SMES Form 2, "3901SMES Personnel TDY Forecast," Nov 73, Ex 10; 3901SMES Form 2, "3901SMES Personnel TDY Forecast," Dec 73, Ex 11.

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3RD QUARTER - PROJECTED EXPENDITURES<sup>6</sup>

<u>EVALUATION VISITS</u>		<u>SAC STAFF SUPPORT</u>	
<u>BASES</u>	<u>EST. EXPENSE</u>	<u>MONTHS</u>	<u>EST. EXPENSE</u>
Minot	\$ 5,000	January	\$ 6,000
Davis-Monthan	3,000		
F. E. Warren	5,500	February	7,000
Ellsworth	4,500	March	5,000
McConnell	4,500		
Whiteman	4,000		
Contract Vehicles	2,500		
Sub-Totals	<u>\$29,000</u>		<u>\$18,000</u>
		Grand Total	<u>\$47,000</u>

6. Ltr, Col J. Strickland, 3901SMES/DCO, to 3901SMES/HO, "FY74 Budget,"  
9 Jan 74, Ex 12.

CHAPTER II  
PERSONNEL AND MANNING

(U) The center of attention in this chapter will be on the status of the personnel of the 3901SMES. We will bring our focus to bear on manning statistics, promotions, Code 51 deferments, re-enlistments and separations.

MANNING

(U) A breakdown, by rank and month, of the authorized and assigned strengths of the squadron is shown on the following charts:

Officers	<u>Authorized</u>			<u>Assigned</u>		
	October	November	December	October	November	December
Colonel	3	3	3	2	2	2
Lt Col	7	7	7	6	6	6
Major	25	25	25	11	12	12
Captain	4	4	4	17	16	16
1st Lt	0	0	0	1	1	1
2nd Lt	0	0	0	1	1	1
Totals	39	39	39	38	38	38

1. Personal observations by historian.
2. PCN N130061, "CBPO Strength Report," 31 Oct 73;  
PCN N130061, "CBPO Strength Report," 30 Nov 73;  
PCN N130061, "CBPO Strength Report," 31 Dec 73;  
Interview, AIC R. Taylor, historian, with Mrs. P. Lorello,  
3901SMES/CC Secretary, GS-6, 7 Mar 74.

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<u>Airmen</u>	<u>Authorized</u>			<u>Assigned</u>		
	<u>October</u>	<u>November</u>	<u>December</u>	<u>October</u>	<u>November</u>	<u>December</u>
CMSgt	6	6	6	4	4	4
SMSgt	12	12	12	11	12	12
MSgt	28	28	28	30	31	33
TSgt	52	52	52	39	42	41
SSgt	11	11	11	18	16	15
Sgt	0	0	0	2	2	3
A1C	0	0	0	1	1	1
Totals	109	109	109	105	108	109

<u>Civilians</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>October</u>	<u>November</u>	<u>December</u>
GS-6	1	1	1	1	1	1
GS-5	1	1	1	1	1	1
GS-4	2	2	2	2	2	2
Totals	4	4	4	4	4	4

	<u>October</u>	<u>November</u>	<u>December</u>
Total Authorized in Squadron	152	152	152
Total Assigned to Squadron	147	150	151

(U) The total number of assigned personnel is finally, in this quarter, reaching the authorized total after a shortage caused by a large turnover of personnel in the spring.<sup>3</sup>

3. Personal observations by historian.



PROMOTIONS

(U) Two officers were promoted to the temporary grades of Major during this quarter. \*Captains Raymond M. Urbanski and Frank E. Zachary were promoted on 1 October and 1 November 1973 respectively.

(U) Five airmen were promoted during the quarter. Staff Sergeants Harry G. Aherns and Paul T. Lieberum were promoted to the permanent grade of Technical Sergeants on 1 November 1973. Howard C. Blair, Elwyn H. Meyers, and Jackie G. Roach put on their Master Sergeant stripes on 1 December 1973.

CODE 51 DEFERMENTS \*

(U) Seven Code 51 requests were submitted during the quarter. Due to the lengthy processing time required for this action, no answers were received by the end of the quarter as to the disposition of these requests. Three applications were made during the month of

4. Special Order AB-1815 on Capt R. Urbanski, 1 Oct 73, Ex 13 ;  
Special Order AB-2016 on Capt F. Zachary, 1 Nov 73, Ex 14 .
5. Special Order AB-2861 on SSgt H. Aherns, 1 Nov 73, Ex 15 ;  
Special Order AB-2861 on SSgt P. Liebetum, 1 Nov 73, Ex 15 ;  
Special Order A-3175 on TSgt H. Blair, on 1 Dec 73, Ex 16 ;  
Special Order A-3175 on TSgt E. Meyers, 1 Dec 73, Ex 16 ;  
Special Order A-3175 on TSgt J. Roach, 1 Dec 73, Ex 16 .

\* It takes approximately six months to train personnel to perform their necessary tasks in the 3901SMES. As a result, stabilized tours are required to maintain these persons in the squadron long enough to reap the benefits of their extensive training. Code 51 deferments are requested to retain such personnel in order to get a realistic return on their training investment. "Code 51 Deferments," Jul-Sep Hist of 3901SMES.

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October for Staff Sergeant David P. Culverhouse, Technical Sergeant LeRoy W. Beattie, and Senior Master Sergeant Raymond W. Boe. Requests for deferments for Technical Sergeant Arthur L. Handy, Master Sergeants Vincent C. Mack and James J. Scarcella, and Senior Master Sergeant Norman R. Bean were submitted in November.

#### REENLISTMENTS AND SEPARATIONS

(U) Six persons reenlisted during the quarter. Technical Sergeant Richard A. Dunshee reenlisted in October and Technical Sergeant Clifford R. Dobbins did the same in November. The remaining four reenlisted in December. They were Senior Master Sergeant Raymond W. Boe, Master Sergeant John M. Jensen, Technical Sergeant Rodney T. Tateyama, and Staff Sergeant Gail L. Arnold.

6. Ltr, Col W. Sands, 3901SMES/CC, to CINCSAC/DPRA, et al, "Code 51 Deferment," 9 Oct 73, Ex 17; Ltr, Col W. Sands, 3901SMES/CC, to CINCSAC/DPRA, et al, "Code 51 Deferment," 28 Nov 73, Ex 18; Ltr, Col W. Sands, 3901SMES/CC, to CINCSAC/DPRA, et al, "Code 51 Controlled Duty Tour," 30 Nov 73, Ex 19; Ltr, Col W. Sands, 3901SMES/CC, to CINCSAC/DPRA, et al, "Code 51 Deferment," 30 Nov 73, Ex 20; Ltr, Col W. Sands, 3901SMES/CC, to CINCSAC/DPRA, et al, "Code 51 Controlled Duty Tour," 30 Nov 73, Ex 21.
7. DD Form 4, "Enlistment Contract" on TSgt R. Dunshee, Ex 22;  
 DD Form 4, "Enlistment Contract" on TSgt C. Dobbins, Ex 23;  
 DD Form 4, "Enlistment Contract" on SMSgt R. Boe, Ex 24;  
 DD Form 4, "Enlistment Contract" on MSgt J. Jensen, Ex 25;  
 DD Form 4, "Enlistment Contract" on TSgt R. Tateyama, Ex 26;  
 DD Form 4, "Enlistment Contract" on SSgt G. Arnold, Ex 27.

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(U) There were no first term airmen eligible for reenlistment and only three second termers. Two of the second term airmen reenlisted, giving the squadron an accumulated second term reenlistment rate of 50 per cent for fiscal year 1974. The remaining airmen were career airmen. They all reenlisted, continuing the squadron's 100 per cent rating for this category.

(U) Staff Sergeant William D. Longnecker, a second term, was the squadron member separated during the quarter.

8. "FY 74 Reenlistment Rates as of 31 Oct 73," Ex 28 ;  
"FY 74 Reenlistment Rates as of 30 Nov 73," Ex 29 ;  
"FY 74 Reenlistment Rates as of 31 Dec 73," Ex 50 .
9. AF Form 100, "Request and Authorization for Separation," on  
SSgt W. Longnecker, Ex 31 .

CHAPTER III  
EVALUATION PROGRAM

(U) In this chapter, discussion of the results of the five evaluation visits will be the primary point of emphasis. The noteworthy items will be discussed along with the areas receiving substandard ratings. Five trips were made during the quarter to the following bases:

<u>Bases</u>	<u>Units</u>	<u>Dates</u>
F. E. Warren AFB, WY	90SMW	9-20 October 1973
Little Rock AFB, AR	803SMW	29 October-9 November 1973
Grand Forks AFB, ND	321SMW	5-16 November 1973
McCConnell AFB, KS	381SMW	26 November-7 December 1973
Whiteman AFB, MO	351SMW	26 November-7 December 1973

1. Personal observations by historian; Rpt, Eval Rpt #73-15 (FOUO), 90SMW, F. E. Warren AFB, WY, 9-20 Oct 73, Ex 32; Eval Rpt #73-16 (FOUO), 803SMW, Little Rock AFB, AR, 29 Oct-9 Nov 73, Ex 34; Eval Rpt #73-16a (FOUO), Little Rock AFB, AR, 29 Oct-9 Nov 73, Ex 36; Eval Rpt #73-17 (FOUO), 321SMW, Grand Forks AFB, ND, 5-16 Nov 73, Ex 37; Eval Rpt #73-18 (FOUO), 381SMW, McCConnell AFB, KS, 26 Nov-7 Dec 73, Ex 38; Eval Rpt #73-19 (FOUO), 351SMW, Whiteman AFB, MO, 26 Nov-7 Dec 73, Ex 40.

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	EVALUATION RESULTS *					
	Eval	Trng	EWO	PPP	Hdwr	Eng
<u>F. E. Warren AFB, WY</u> <sup>2</sup>						
Operations	S-	S+	S-	90%	/	/
Missile Maintenance	M-	M-	/	M	S	/
Munitions	S	S	/	S	S	/
Communications	S	E	/	S-	S	/
Civil Engineering	S-	S-	/	S	S	S-
-----						
<u>Little Rock AFB, AR</u> <sup>3</sup>						
Operations	S-	S-	S-	*89.5%	/	/
Missile Maintenance	S-	E	/	S-	S	/
Munitions	S	S	/	S	M	/
Communications	S-	S	/	S	S	/
Civil Engineering	S-	S-	/	S	S	S

\* Indicates a decrease of 6.7 per cent

- \* The following charts indicate the collective results of the evaluations conducted during the quarter; the charts are listed by base. Information concerning the rating system can be obtained in the history of the 3901SMES for Jan-Mar 73. The charts indicate the amount of improvement or decline incurred by each program. An improved rating is assigned a "+" symbol while a drop in rating is indicated by the "-" symbol. When no letter appears on the chart, the program was not evaluated.
- Rpt, Eval Rpt #73-15 (FOUO), 90SMW, F. E. Warren AFB, WY, 9-20 Oct 73, pp 1-1, 1-2, Ex 32; Hist (S), 3901SMES, Jan-Mar 73, p 25.
  - Rpts, Eval Rpt #73-16 (FOUO), 803SMW, Little Rock AFB, AR, 29 Oct-9 Nov 73, pp 1-1, 1-2, Ex 34; Eval Rpt #73-16a (FOUO), Little Rock AFB, AR, 29 Oct-9 Nov 73, pp 1-1, 1-2, 1-3, 1-4, 1-5, Ex 36; Hist (S), 3901SMES, Jan-Mar 73, p 25.

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4	Grand Forks AFB, ND	Eval	Trng	ERO	PPP	Hdwr	Eng
	Operations	E	E+	E	*100%	/	/
	Missile Maintenance	S+	S	/	S+	S	/
	Munitions	S	S	/	S-	S	/
	Communications	S	S	/	E+	S	/
	Civil Engineering	S	S	/	E	S-	S-

\* Indicates an increase of 10 per cent

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McConnell AFB, KS	Eval	Trng	ERO	PPP	Hdwr	Eng
Operations	E+	E	E	*100%	/	/
Missile Maintenance	S	S-	/	E	S	/
Munitions	M-	E	/	S	S	/
Communications	U-	S	/	M-	S	/
Civil Engineering	S	S	/	E	E+	E+

\* Indicates an increase of 17 per cent

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Whiteman AFB, MO	Eval	Trng	ERO	PPP	Hdwr	Eng
Operations	E+	E	S-	100%	/	/
Missile Maintenance	S	S	/	S	S	/
Munitions	S-	E	/	S-	S	/
Communications	S	E+	/	S	S	/
Civil Engineering	S	S	/	E	S-	S-

4. Rpt, Eval Rpt #73-17 (FOUO), 321SMW, Grand Forks AFB, ND, 5-16 Nov 73, pp 1-1, 1-2, Ex 37 ; Hist (S), Apr-Jun 73, p 23.
5. Rpt, Eval Rpt #73-18 (FOUO), 381SMW, McConnell AFB, KS, 26 Nov-7 Dec 73, pp 1-1, 1-2, Ex 38 ; Hist (S), Apr-Jun 73, p 23.
6. Rpt, Eval Rpt #73-19 (FOUO), 351SMW, Whiteman AFB, MO, 26 Nov-7 Dec 73, pp 1-1, 1-2, Ex 40 ; Hist (S), 3901SMES, Apr-Jun 73, p 23.

(Francis E. Warren AFB, Wyoming)

(U) Lieutenant Colonel Thomas W. Wright led the 3901SMES evaluating team as it evaluated the 90th Strategic Missile Wing, F. E. Warren AFB, Wyoming. The evaluation was conducted from 9-20 October 1973.<sup>7</sup>

(U) All 20 programs in the five functional areas were evaluated. In these, only one showed a higher rating, from Marginal to Satisfactory. There were eight ratings that declined, six from Excellent to Satisfactory and two from Satisfactory to Marginal. The 11 remaining ratings were unchanged.<sup>8</sup>

(Noteworthy Items)

(U) The radio technicians were performing excellent maintenance on the high frequency (HF) radio equipment as was evidenced by the condition of the radio systems at the eight launch control facilities evaluated. The electrical surge arrestor (ESA) rooms were also noted as being in outstanding condition. At the seven launch control facilities evaluated only one minor discrepancy was noted.<sup>9</sup>

7. Rpt, Opening Letter of Eval Rpt #73-15, Lt Col T. Wright, 3901SMES Team Chief, to 90SMW/CC, "Report of Evaluation #73-15," 20 Oct 73, Ex 32.
8. Rpt, Eval Rpt #73-15 (FOUO), 90SMW, F. E. Warren AFB, WY, 9-20 Oct 73, pp 1-1, 1-2, Ex 32; Hist (S), 3901SMES, Jan-Mar 73, p 25.
9. Rpt, Eval Rpt #73-15 (FOUO), 90SMW, F. E. Warren AFB, WY, 9-20 Oct 73, p 5-1, Ex 32.



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## (Problem Areas)

(U) The evaluation section of missile maintenance received the first substandard rating. A Marginal rating was given for the inadequate evaluations by missile maintenance (MM) and combat targeting (CTT) personnel. The depth and detail was inadequate to identify error trends and areas requiring supervisory attention. The evaluators also failed to apply strict grading standards as evidenced by the large difference between the pass rates given by the unit and those given by the 3901SMES. In the evaluation of MMTs, there was a 19 per cent difference; in CTTs, there was an 18 per cent difference.

(U) Unit evaluators were directed to review error criteria and classification, and their grading system. An in-depth review of documented training errors rendered by the 3901SMES was accomplished by all unit evaluators. The NCOICs of inspection and evaluation, and quality control were to inspect each SAC Form 875, Personnel Evaluation Report - ICBM, to insure completeness and accuracy. This was also to permit identification of error trends.

(U) The substandard performance of three evaluators indicated a need for increased proficiency training. This was accomplished and, to prevent recurrence, all evaluators were scheduled to accomplish at least one seldom-performed task monthly.

10. Rpt, Eval Rpt #73-15 (FOUO), 90SMW, F. E. Warren AFB, WY, 9-20 Oct 73, pp 2-1, 3-2, Ex 32.
11. Ind, 3d Ind to 3901SMES/CC Ltr, 20 Oct 73, "Report of Evaluation #73-15," by Brig Gen E. Harris, 15AF/CS, to CINCSAC/DOIM, 2 Jan 74, pp 3,4, Ex 33.
12. Ibid.

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(U) The maintenance training program received the second marginal rating. The lack of proper training was responsible for the high number of substandard task performances. The MMT lesson plan was determined to be too short and incomplete to properly train an MMT team.<sup>13</sup>

(U) The team lesson plan was devised and lengthened to more thoroughly cover newly added as well as existing material. The importance of maintaining quality of lesson plans was briefed to all personnel and the lesson plans were to be reviewed monthly.<sup>14</sup>

(U) In the refrigeration shop, assigned technicians were not training in shop tasks peculiar to the Wing V silo update system and training control was not aware that the training requirement existed.<sup>15</sup>

(U) The NCOIC of the refrigeration shop was to closely monitor the training of all technicians, and supervisors were briefed to survey training requirements periodically and initiate action to insure compliance.<sup>16</sup>

(U) The recurring proficiency training programs failed to provide adequate training, as was evidenced by the failure of

13. Rpt, Eval Rpt #73-15 (FOUO), 90SMW, F. E. Warren AFB, WY, 9-20 Oct 73, p 3-4, Ex 32.
14. Ind, 3d Ind to 3901SMES/CC Ltr, 20 Oct 73, "Report of Evaluation #73-15," by Brig Gen E. Harris, 15AF/CS, to CINCSAC/DOIM, 2 Jan 74, p 4, Ex 33.
15. Rpt, Eval Rpt #73-15 (FOUO), 90SMW, F. E. Warren AFB, WY, 9-20 Oct 73, p 3-6, Ex 32.
16. Ind, 3d Ind to 3901SMES/CC Ltr, 20 Oct 73, "Report of Evaluation #73-15," by Brig Gen E. Harris, 15AF/CS, to CINCSAC/DOIM, 2 Jan 74, pp 4,5, Ex 33.

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seven of the 21 CTT technicians who were evaluated.<sup>17</sup>

(U) A new scheduling system was initiated and new lesson plans were developed to provide the required in-depth training. The importance of this program was stressed to all personnel and the NCOIC and Officer-In-Charge (OIC) were to insure compliance.<sup>18</sup>

(U) The personnel proficiency program was the last area to receive a substandard rating during this evaluation. A marginal rating was given for a number of discrepancies, including failure to use or adhere to technical orders, supervisory errors, improper use of equipment, and failure to comply with safety requirements.<sup>19</sup>

(U) To prevent recurrence, the evaluation program was reviewed and emphasis placed on accomplishment of additional proficiency dispatches by evaluators. No-notice evaluations were to be increased and a complete evaluation of the training program was completed. All personnel who received unqualified grades were retrained in the failed tasks.<sup>20</sup>

17. Rpt, Eval Rpt #73-15 (FOUO), 90SMW, F. E. Warren AFB, WY, 9-20 Oct 73, p 3-6, Ex 32.
18. Ind, 3d Ind to 3901SMES/CC Ltr, 20 Oct 73, "Report of Evaluation #73-15," by Brig Gen E. Harris, 15AF/CS, to CINCSAC/DOFM, 2 Jan 74, p 5, Ex 33.
19. Rpt, Eval Rpt #73-15 (FOUO), 90SMW, F. E. Warren AFB, WY, 9-20 Oct 73, pp 3-6, 3-7, Ex 32.
20. Ind, 3d Ind to 3901SMES/CC Ltr, 20 Oct 73, "Report of Evaluation #73-15," by Brig Gen E. Harris, 15AF/CS, to CINCSAC/DOFM, 2 Jan 74, p 6, Ex 33.

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(Little Rock AFB, Arkansas)

(U) Lieutenant Colonel Eugene Fisher was the senior team chief for the evaluation of the 308th Strategic Missile Wing at Little Rock AFB, Arkansas, on 29 October through 9 November 1973.<sup>21</sup>

(U) Twenty programs were evaluated during this visit. There was no rise in ratings and all of the eight decreasing ratings were from Excellent to Satisfactory. Twelve remained constant.<sup>22</sup>

(Problem Areas)

(U) The hardware maintenance program in Munitions received the only substandard rating given during the evaluation. There was a significant increase in the number of deficiencies found in the facilities and support equipment.<sup>23</sup>

(U) Facility problems included the following: An electric squib, which is an electrically initiated explosive device, was incorrectly packaged. Three containers of explosives were not marked with the required temperature limitation markings, and a training re-entry vehicle was missing one lead seal on each side of the container. The catch washers were not pivoted and the cap screws were not tightened.<sup>24</sup>

21. Rpt, Opening Letter of Eval Rpt #73-16, Lt Col E. Fisher, Jr., 3901SMES Team Chief, to 303SMW/CC, "Report of Evaluation #73-16," 9 Nov 73, Ex 34.
22. Rpts, Eval Rpt #73-16 (FOUO), 303SMW, Little Rock AFB, AR, 29 Oct-9 Nov 73, pp 1-1, 1-2, Ex 34; Eval Rpt #73-16a (FOUO), Little Rock AFB, AR, 29 Oct-9 Nov 73, pp 1-1, 1-2, 1-3, 1-4, 1-8, Ex 36; Hist (S), 3901SMES, Jan-Mar 73, p 25.
23. Rpt, Eval Rpt #73-16 (FOUO), 303SMW, Little Rock AFB, AR, 29 Oct-9 Nov 73, p 4-2, Ex 34.
24. Ibid., pp 4-2, 4-3.

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(U) The support equipment had many minor discrepancies, one of which included failure to have the actuating knob on the same horizontal plane as the face of the gauge. The connecting link assembly was missing from the rail type maintenance stand stored in the pod bay, the exchange sling support frame of an RV transport truck was bent, and seven of the dog bolt stops on the re-entry vehicle support stand were bent.<sup>25</sup>

(U) All of the discrepancies were eliminated. The electric squib was repackaged correctly, the explosive containers were marked with temperature markings, the lead seals were installed, the catch washers were pivoted, and the cap screws tightened. The pressure test set actuating knob was repositioned, the connecting link assembly for the rail type maintenance stand was installed, and the exchange sling support on the support frame of the RV transport truck was repaired. The dog bolt stops for the warhead support stand were also replaced.<sup>26</sup>

(U) To prevent recurrence, a maintenance team was established to perform inspections in accordance with applicable technical order (TO) requirements.<sup>27</sup>

25. Rpt, Eval Rpt #73-16 (FOUO), 803SMW, Little Rock AFB, AR, 29 Oct-9 Nov 73, p 4-3, Ex 34.

26. Ltr, Col E. Bailey, 308SMW/CC to CINCSAC/DOTM, et al, "Report of Evaluation #73-16," 28 Nov 73, pp 3,4, Ex 35.

27. Ibid., p 3.

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(Grand Forks AFB, North Dakota)

(U) Lieutenant Colonel Thomas W. Wright was the senior team chief for the evaluation of the 321SMW at Grand Forks AFB, North Dakota on 5-16 November 1973.

(U) During this evaluation again, 20 programs were evaluated resulting in four increased and three decreased ratings. Of those improving, two were from Satisfactory to Excellent, two were from Marginal to Satisfactory. All of those declining were from Excellent to Satisfactory. Thirteen of the ratings remained unchanged.

(Noteworthy Items)

(U) In Operations, 90 per cent of the combat crew members evaluated or observed were rated highly qualified, and the remaining 10 per cent were rated qualified. This was the highest rating that any wing had achieved in over five years. However, this is not the only outstanding achievement noted during this evaluation. There were no substandard ratings and what is more noteworthy, there were no answerable discrepancies, whatsoever.

(McConnell AFB, Kansas)

(U) Lieutenant Colonel Thomas H. Hardin was the senior chief on the 26 November to 7 December 1973 evaluation of the 381SMW at

28. Rpt, Opening Letter of Eval Rpt #73-17, Lt Col T. Wright, 3901SMES Team Chief, to 321SMW/CC, "Report of Evaluation #73-17," 16 Nov 73, Ex 37.
29. Rpt, Eval Rpt #73-17 (FOUO), 321SMW, Grand Forks AFB, ND, 5-16 Nov 73, pp 1-1, 1-2, Ex 37; Hist (S), 3901SMES, Apr-Jun 73, p 25.
30. Rpt, Eval Rpt #73-17 (FOUO), 321 SMW, Grand Forks AFB, ND, 5-16 Nov 73, p 2-1, Ex 37; Personal observations by historian.

McConnell AFB, Kansas.

(U) During this evaluation, 20 programs were evaluated within the five functional areas. Of these, three ratings improved, four declined, and 13 remained constant. Of those improving, one was from Satisfactory to Excellent, and two were from Marginal to Excellent. Those that decreased showed greater variation. One declined from Excellent to Satisfactory, two from Satisfactory to Marginal, and one from Satisfactory to Unsatisfactory.

(Problem Areas)

(U) There were three substandard ratings given during this evaluation, the first of which was a Marginal evaluation program in Munitions. There were two major discrepancies. First, the re-entry vehicle evaluation team (RVET) chief and two RVET members were rated Unqualified while performing penetration aid maintenance due to the lack of proper adherence to safety precautions.

(U) The RVET chief and a RVET member received their Unqualified rating for their failure to insure that all electrically operated equipment was turned off when the shorting cap was removed. This was a safety precaution violation that could possibly have resulted in ordnance detonation. The other RVET member was rated Unqualified

31. Rpt, Opening Letter of Eval Rpt #73-18, Lt Col T. Hardin, 3901 SMES Team Chief, to 381SMW/CC, "Report of Evaluation #73-18," 7 Dec 73, Ex 38.
32. Rpt, Eval Rpt #73-18 (FOUO), 381SMW, McConnell AFB, KS, 26 Nov-7 Dec 73, pp 1-1, 1-2, Ex 38; Hist (S), 3901SMES, Apr-Jun 73, p 25.
33. Rpt, Eval Rpt #73-18 (FOUO), 381SMW, McConnell AFB, KS, 26 Nov-7 Dec 73, p 4-1, Ex 38.



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for his failure to recognize and correct an unacceptable condition. This unacceptable condition consisted of cracks in two midcourse decoy separation assembly arms, which could have resulted in the non-deployment of the midcourse decoys.<sup>34</sup>

(U) To prevent recurrence of the noted safety violations, a two and one-half hour refresher course was conducted by the RV maintenance NCOIC for the 12 certified personnel. After this was accomplished, the RVET chief and an RVET member were re-evaluated and rated qualified. In addition, an AFTO Form 22, Technical Order System Publication Improvement Report, was submitted suggesting that the TO be changed to include a safety warning which was to insure that personnel would shut off all electrical equipment prior to removal of shorting cap.<sup>35</sup>

(U) The RVET member who failed to recognize cracks in the two midcourse decoy separation assembly arms was retrained on all aspects of inspection and assembly of midcourse decoy components. He was then re-evaluated and received a qualified rating. To prevent recurrence, supervisors were instructed to frequently inspect midcourse maintenance.<sup>36</sup>

(U) The second error was again charged to the RVET chief, who was not evaluated by the outgoing RVET chief as required. Instead,

34. Rpt, Eval Rpt #73-18 (FOUO), 381SMW, McConnell AFB, ES, 26 Nov-7 Dec 73, PP 4-2, 4-3, Ex 38.
35. Ltr, Col E. Shattuck, 381SMW/CC, to 19AD/CC, "Corrective Action to 3901SMES Eval Report #73-18," 18 Dec 73, p 4-1, Ex 39.
36. Ibid.

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the munitions maintenance officer and a qualified NCO accomplished the task. This deficiency resulted in the RVET chief exceeding his annual evaluation due date and rendered him unqualified to conduct evaluations on certain tasks.<sup>37</sup>

(U) The RVET chief was re-evaluated and rated qualified on all tasks. The RV maintenance branch chief and RVET chief were thoroughly briefed on the importance of these procedures to prevent recurrence.<sup>38</sup>

(U) The second substandard rating was an Unsatisfactory rating given to the evaluation program in communications. The evaluators were not performing evaluations that would enable identification of deficient areas and developing trends. This was evidenced by the difference in the pass rates given by unit evaluators and those given a short time later by the 3901SMES evaluators. There was almost a 15 per cent difference in these pass rates. This resulted in unqualified personnel erroneously being rated qualified.<sup>39</sup>

(U) In-depth training on procedures and techniques of proper evaluation methods and practices was given to each evaluator. This training was to have been in the form of a weekly program containing four hours of intensive evaluation procedure training seminars conducted by quality control personnel. In addition, emphasis was placed on the performance of quality evaluations for the use of

37. Rpt, Eval Rpt #73-18 (FOUO), 381SMW, McConnell AFB, KS, 26 Nov-7 Dec 73, p 4-1, Ex 38.

38. Ltr, Col E. Shattuck, 381SMW/CC, to 19AD/CC, "Corrective Action to 3901SMES Eval Report #73-18," 18 Dec 73, p 4-1, Ex 39.

39. Rpt, Eval Rpt #73-18 (FOUO), 381SMW, McConnell AFB, KS, 26 Nov-7 Dec 73, p 5-1, Ex 38.

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analysis personnel in the determination of developing trends.<sup>40</sup>

(U) The last substandard rating was a Marginal in the communications personnel proficiency program. Unit technicians failed to properly operate test equipment and failed many of the required tasks which indicated a lack of systems knowledge. Also, two unit evaluators failed to detect and award critical errors to three technicians which resulted in their being rated unqualified.<sup>41</sup>

(U) Marginal ratings in the personnel proficiency program are not formally answered in the unit's answer report. The unit retrained and re-evaluated all failures. The corrective action for the personnel proficiency failures is found under the evaluation program.<sup>42</sup>

(U) In this particular case the unit evaluators were not performing evaluations in sufficient depth and detail to identify developing trends and deficient areas. As a result, training managers were unable to detect potential problems and initiate corrective action. The technicians continued committing the errors, received a low pass rate, and finally the unit received a Marginal rating.<sup>43</sup>

(Whiteman AFB, Missouri)

(U) Lieutenant Colonel Eugene Fisher, Jr., was the senior team chief on the evaluation of the 351SMW at Whiteman AFB, Missouri.

40. Ltr, Col E. Shattuck, 381SIW/CC, to 19AD/CC, "Corrective Action to 3901SMES Eval Report #73-18," 18 Dec 73, pp 5-1, 5-2, Ex 39.
41. Rpt, Eval Rpt #73-18 (FOUO), 381SMW, McConnell AFB, KS, 26 Nov-7 Dec 73, pp 1-2, 5-4, Ex 38.
42. Interview by AIC R. Taylor, historian, with MSgt L. Chojnacki, 3901SMES/LGMS, on 28 Jan 74.
43. Rpt, Eval Rpt #73-18 (FOUO), 381SMW, McConnell AFB, KS, 26 Nov-7 Dec 73, p 5-4, Ex 38.

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The trip ran from 26 November through 7 December 1973.<sup>44</sup>

(U) Twenty programs within the five functional areas were also evaluated during this trip. These evaluations resulted in two increases in ratings, one from Marginal to Excellent, and one from Satisfactory to Excellent. All of the five programs showing decreased ratings declined from Excellent to Satisfactory. In this evaluation, there were 13 unchanged ratings.<sup>45</sup>

(Noteworthy Items)

(U) The survivable low frequency communications system (SLFCS) was evaluated and found to be in excellent condition. This and the transmission of error-free test messages indicated that the maintenance being performed by radio technicians was of unmistakably high quality. There were only two minor answerable discrepancies and no substandard ratings given to the unit during this evaluation.<sup>46</sup>

44. Rpt, Opening Letter of Eval Rpt #73-19, Lt Col E. Fisher, Jr., 3901SMES Team Chief, to 351SMW/CC, "Report of Evaluation #73-19," 7 Dec 73, Ex 40.
45. Rpt, Eval Rpt #73-19 (FOUO), 351SMW, Whiteman AFB, MO, 26 Nov-7 Dec 73, pp 1-1, 1-2, Ex 40; Hist (S), 3901SMES, Apr-Jun 73, p 23.
46. Rpt, Eval Rpt #73-19 (FOUO), 351SMW, Whiteman AFB, MO, 26 Nov-7 Dec 73, pp 1-2, 5-1, Ex 40.

RATING COMPARISONS

(U) The charts on the following pages reflect the overall picture of the results of this quarter's evaluation visits. The first three charts deal directly with the present evaluation and the last three with the ratings received during each unit's previous evaluation. The charts describe the ratings by base, functional area and program results.

PRESENT BASE RESULTS

	<u>E</u>	<u>S</u>	<u>M</u>	<u>U</u>	<u>Ratings Improved</u>	<u>Ratings Declined</u>	<u>Constant Ratings</u>
F. E. Warren AFB, WY	1	16	3	0	1	8	11
Little Rock AFB, AR	1	18	1	0	0	8	12
Grand Forks AFB, ND	5	15	0	0	4	3	13
McConnell AFB, KS	8	9	2	1	3	4	13
Whiteman AFB, MO	5	15	0	0	2	5	13

## 47. Personal observation by historian;

Hist (S), Jan-Mar 73, p 25.

Hist (U), Apr-Jun 73, p 23.

Rpts, Eval Rpt #73-15 (FOUO), 90SMW, F. E. Warren AFB, WY, 9-20 Oct 73, Ex 32; Eval Rpt #73-16 (FOUO), 803SMW, Little Rock AFB, AR, 29 Oct-9 Nov 73, Ex 34; Eval Rpt #73-16a (FOUO), Little Rock AFB, AR, 29 Oct-9 Nov 73, Ex 36; Eval Rpt #73-17 (FOUO), 321SMW, Grand Forks AFB, ND, 5-16 Nov 73, Ex 37; Eval Rpt #73-18 (FOUO), 361SMW, McConnell AFB, KS, 26 Nov-7 Dec 73, Ex 38; Eval Rpt #73-19 (FOUO), 351SMW, Whiteman AFB, MO, 26 Nov-7 Dec 73, Ex 40.

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PRESENT FUNCTIONAL AREA RESULTS

	<u>E</u>	<u>S</u>	<u>M</u>	<u>U</u>	<u>Ratings Improved</u>	<u>Ratings Declined</u>	<u>Constant Ratings</u>
Operations	8	7	0	0	4	6	5
Missile Maintenance	2	15	3	0	2	5	13
Munitions	2	16	2	0	0	4	16
Communications	3	15	1	1	2	4	14
Civil Engineering	5	20	0	0	2	9	14

PRESENT PROGRAM RESULTS

	<u>E</u>	<u>S</u>	<u>M</u>	<u>U</u>	<u>Ratings -- Improved</u>	<u>Ratings Declined</u>	<u>Constant Ratings</u>
Evaluation	3	19	2	1	3	10	12
Training	8	16	1	0	3	5	17
EWO	5	13	2	0	0	3	17
PPP	5	13	2	0	2	6	12
Hardware	1	18	1	0	1	2	17
Support Effectiveness	0	0	0	0	0	0	0
Engineering	1	4	0	0	1	2	2

(PREVIOUS EVALUATION) BASE RESULTS

	<u>E</u>	<u>S</u>	<u>M</u>	<u>U</u>
F. E. Warren AFB, WY	7	10	2	0
Little Rock AFB, AR	9	9	1	0
Grand Forks AFB, ND	5	12	2	0
McConnell AFB, KS	5	12	2	0
Whiteman AFB, MO	8	9	2	0

(PREVIOUS EVALUATION) FUNCTIONAL AREA RESULTS

	<u>E</u>	<u>S</u>	<u>M</u>	<u>U</u>
Operations	11	2	2	0
Missile Maintenance	5	11	4	0
Munitions	5	14	1	0
Communications	3	17	0	0
Civil Engineering	10	8	2	0

(PREVIOUS EVALUATION) PROGRAM RESULTS

	<u>E</u>	<u>S</u>	<u>M</u>	<u>U</u>
Evaluation	8	15	2	0
Training	11	13	1	0
EWO	5	0	0	0
PPP	5	7	3	0
Hardware	2	16	2	0
Support Effectiveness	0	0	0	0
Engineering	3	1	1	0



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(U) In the base results, all showed a decrease in ratings except for Grand Forks AFB, North Dakota, which had more improved than decreased ratings. Although all ratings decreased in functional area results, operations showed the most overall improved ratings. The same is evident in the program results. All areas showed more decreased ratings than improved ratings, with training slightly better overall. The charts of present evaluation results differ in the number of areas rated from those of the previous evaluations, as a result of the addition of the personnel proficiency program recently instituted in Civil Engineering.

ALERT SORTIE RESULTS \*

SPECIAL EVALUATIONS

(U) A missile recycle evaluation was scheduled in conjunction with the Little Rock AFB, Arkansas evaluation visit. A postponement occurred as a result of the presidential order of alert of the armed forces. The evaluation of McConnell AFB, Kansas was wrapped up on 7 December 1973 and 11 team evaluators went directly to Little Rock AFB, Arkansas and performed this recycle evaluation prior to returning to Vandenberg AFB, California on 14 December 1973. There were no substandard performances observed during this evaluation.

48. Personal observations by historian.

\* The Alert Sortie Results will be discussed in a report compiled by the historian and will be included in the supporting documents as Exhibit 41.

49. Interview by AIC R. Taylor, historian, with Lt Col T. Hardin, 3901SMES/ADO, and Capt T Kuenning, 3901SMES/DOT, on 14 Mar 74; Rpt, Eval Rpt #73-16a (FOUO), Little Rock AFB, AR, 29 Oct-9 Nov 73, Ex 36.

CHAPTER IV  
OPERATIONS AND TRAINING

TRAINING DIVISION (DOT)

(U) The training division arranged for and coordinated airlift support for five evaluation trips during the quarter. Vandenberg AFB, California (C-118s), originally tasked for all scheduled evaluation team travel, supported only four of the 10 evaluation trip flights. Difficulty was experienced with five of the six numbered air force (NAF) supported flights. The Francis E. Warren AFB, Wyoming return on 20 October 1973 was originally scheduled to be supported by a Vandenberg AFB, California assigned C-118 aircraft. However, the day the flight was scheduled to depart Vandenberg for F. E. Warren, both Vandenberg C-118 aircraft were declared out of commission. The 3901SMES was then advised at 1605, 19 October 1973, that a March AFB, California C-118 backup was scheduled as primary transportation. At 1612, 19 October 1973, the squadron was advised by 1st Strategic Aerospace Division (1STRAD)/DOT that both Vandenberg and the March C-118 aircraft were out of commission. The team chief was advised that NAF now requested the team personnel be bussed to Ellsworth AFB, South Dakota, an estimated eight-hour bus trip, where they would be transported to Vandenberg AFB by a KC-135. Finally, at 2250, 19 October 1973, Fifteenth Air Force advised that an Ellsworth AFB KC-135 would pick up the team at Buckley Field, Denver, Colorado at 1350, on 20 October 1973. The team was returned by KC-135, however four team

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members were returned by SAC courier due to the excess in maximum passenger load for the KC-135. The 5 November 1973 Grand Forks AFB, North Dakota evaluation team departure, originally scheduled to be supported by Vandenberg AFB C-118, reverted to a March AFB C-118 backup at 1735 on Sunday, 4 November 1973, when the Vandenberg AFB support aircraft was found to have low engine power and power fluctuation. Show time for the March AFB C-118 was established for 0900, 5 November 1973. At 0933, 5 November 1973, the squadron airlift coordinator was advised that the March AFB C-118 backup aircraft had to defuel and would not be at Vandenberg AFB until 1130. This time was later changed to 1300. At 1215, the squadron was notified that a Minot AFB KC-135 would arrive at Vandenberg to pick up the team at 1445, with an estimated departure from Vandenberg at 1725. The KC-135 departed for Grand Forks AFB, North Dakota with the team at 1702, 5 November 1973. The Little Rock AFB, Arkansas evaluation team's return was successfully supported by KC-135; however, a stop was required enroute at McConnell AFB, Kansas for refueling, due to lack of fuel at Little Rock AFB, Arkansas. The Grand Forks AFB, North Dakota evaluation team's return to Vandenberg AFB on 16 November 1973 was supported by a Grand Forks KC-135, which was delayed due to maintenance problems, with final arrival at Vandenberg at 1735. An Altus AFB, Oklahoma KC-135 was programmed to arrive at Vandenberg AFB at 0700 on 26 November 1973 to transport the evaluation team to Whiteman AFB, Missouri. After the team assembled at the flight line,

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it was advised the Altus AFB KC-135 had returned to Altus AFB for maintenance due to cabin pressure loss. The KC-135 finally arrived at Vandenberg AFB at 1435 and departed for Whiteman AFB at 1535.<sup>1</sup>

(U) The training division submitted SAC Forms 399, Airlift Request, to 4392nd Aerospace Support Group (ASG), Vandenberg AFB, California, on 20 November 1973 for the aircraft support requirements for the nine evaluation trips during the first half of calendar year 1974.<sup>2</sup>

(U) During this reporting period, the squadron incurred one permanent total disabling injury in a recreational accident. Technical Sergeant Ronald E. Przybylowski was riding as a passenger in a standard equipped jeep, in the local beach dunes. While negotiating the dunes, the jeep became slightly airborne, landing upright with a nominal jolt on impact. Sergeant Przybylowski complained of a backache and was

1. Interview by A1C R. Taylor, historian, with SMSgt J. deGafferelly, 3901SMES/DOY, on 25 Feb 74; Personal review of Section Flight Coordination Logs by historian.
2. SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to Minot AFB to VAFB, Ex 48; SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to Davis-Monthan AFB, to VAFB, Ex 49; SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to F. E. Warren AFB to VAFB, Ex 50; SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to Ellsworth AFB to VAFB, Ex 51; SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to McConnell AFB to VAFB, Ex 52; SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to Whiteman AFB to VAFB, Ex 53; SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to Malmstrom AFB to VAFB, Ex 54; SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to Little Rock AFB to VAFB, Ex 55; SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to Grand Forks AFB to VAFB, Ex 56.

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later hospitalized with a compression fracture of the twelfth thoracic vertebra. Investigation revealed seat belts were in use and no unsafe acts were committed. Total man-days lost were 14.<sup>3</sup>

(U) Additional safety related items were reported during the quarter. The government motor vehicle locally assigned to the squadron was driven 500 incident-free miles. The squadron had a total of three off duty non-disabling injuries.<sup>4</sup>

(U) In recurring training, all required operations weapon system evaluators and unit staff officers received emergency war order training.<sup>5</sup>

(U) Two schools were attended by squadron personnel. On 23 October 1973, Senior Master Sergeant Abe J. Kelly attended the USAF Senior NCO Academy at Gunter AFB, Alabama. Also, Major Frank M. Shaffer attended the Nuclear Weapons Orientation Advanced Course, 30ZR4625, on 5 October 1973, at Kirtland AFB, New Mexico.<sup>6</sup>

3. AF Form 711ab, "Ground Accident Rpt. Non-Major," 31 Oct 73, by Col W. Sands, 3901SMES CC., Ex 57.
4. Msg, 3901SMES to CINCASAC/DOSG, "Ground Accident Summary," 122000Z Nov 73, Ex 58; SAC Form 28, "Supervisor's Report of Injury to Military or Civil Service Personnel," 31 Oct 73, Ex 59; Msg, 3901SMES to CINCASAC/DOSG, "Ground Accident Summary," 041817Z Dec 73, Ex 60; SAC Form 28, "Supervisor's Report of Injury to Military or Civil Service Personnel," 29 Nov 73, Ex 61; Msg, 3901SMES to CINCASAC/DOSG, "Ground Accident Summary," 111630Z Jan 74, Ex 62.
5. 3901SMES Weekly Training Schedules from 1 Oct to 28 Dec 73, Ex 63.
6. VAN Form 336, "Request for Action on Allocated School Quotas," 17 Sep 73, Ex 64; VAN Form 336, "Request for Action on Allocated School Quotas," 2 Aug 73, Ex 65; Ltr, W. Guthrie, SMSgt, NCOIC/4392ASG/DFMCC-F, to 3901SMES, "Allocation of Quota for Course 30ZR4625, Nuclear Weapons Orientation Advanced Course, PDS Code EHX," 24 Jul 73, Ex 66.

(U) Training given in on-base courses included the Ballistic Missile Staff Course which was completed during the quarter by Captain William A. Scanlon, SMSgt Raymond W. Boe, and A1C Richard D. Taylor. Also, MSgt James A. Streetman completed DDP-24 Computer Maintenance WS 122A-M, Course 1 ASC34570-8, at Vandenberg AFB. In addition, four noncommissioned officers completed the Base Disaster Preparedness Course.<sup>7</sup>

(U) The squadron on-the-job training program began with three upgrade trainees and completed the quarter with four trainees. One three-level trainee tested for the Apprentice Knowledge Test (AKT) and passed with a 65 percentile. The squadron completed the quarter with one seven-level retrainee, one normal upgrade trainee to the seven-level, one retrainee to the five-level, and one three-level retrainee pending upgrade.<sup>8</sup>

(U) The three-day Race Relations and Drug Abuse training program was completed by 74 officers and enlisted men during the quarter. The squadron finished out the year with all but 14 completing the training, the remainder were scheduled for January 1974.<sup>9</sup>

7. 3901SMES Weekly Training Schedules from 1 Oct to 28 Dec 73, Ex 65.
8. Ibid.; MPAD, Manpower and Personnel Document; Airman OJT Roster, Ex 67.
9. 3901SMES Weekly Training Schedules from 1 Oct to 28 Dec 73, Ex 65;

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(U) The squadron completed the calendar year with a 100 per cent aerobics testing and weight control completion with no overweight personnel recorded.<sup>10</sup>

(U) The training division negotiated with Allan Hancock College and arranged for special classes for squadron personnel, programmed around the unit evaluation team TDY schedule. Fifteen members of the squadron enrolled in the program and its success and popularity would be seen to support program continuance.<sup>11</sup>

ANALYSIS DIVISION (DOY)

(U) The 3901SMES Quarterly Analysis, RCS: SAC-DOT(M/Q) 7202, was published with an October 1973 dateline. Because of a paper shortage, it was necessary to reduce the number of copies printed and distributed to each unit. The units were asked for their support by insuring that copies were made available to concerned agencies.<sup>12</sup>

(U) Transmission of the SAC-DOT(M) 7110 report showed marked improvement during this period. The majority of bases met the directed dispatch dates as required. In October 1973, five of the nine bases met the schedule; for November, all nine bases met the schedule; seven met it for December. Malfunctions of data processing equipment caused some of the delinquencies, but, insufficient coordination and follow-up action by the office of primary responsibility continues to contribute to substandard performance as was reported during

10. Info sheet to 1STRAD/DF from 3901SMES/DOT, 3 Jan 74; Ex 68.

11. Ltr, SMSgt J. deGafferelly, 3901SMES/DOT, to within squadron offices, "Allan Hancock College - Special Courses for 3901SMES," 15 Nov 73, Ex 69.

12. Quarterly Analysis, Vol 9 Nr. 1 (FOUO), Jan 74, Ex 70.



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the last reporting period.

(U) As directed by Headquarters SAC/DOIM, copies of the 3901SMES computerized error analysis composite data products were distributed to operational units with like weapon systems, i.e., report products for the Titan system went to all Titan units and Modernized Minuteman went to all units having that system, etc. These reports are listings of errors sorted by area task and deficiency code with errors committed by combat-ready crews listed first within each unit weapon system. These reports present errors committed in each task deficiency code by all units with a like weapon system before going into the next task deficiency code having errors. The purpose of this feedback to the units by 3901SMES was to provide them information on the errors and descriptions experienced by the other units. It was a three month trial distribution requirement (October-December 1973) with a decision to be made later on continuance.<sup>14</sup>

(U) The graphics section of the analysis division continued its graphics aids support by providing quality briefing aids for all five evaluation visits and local briefings. In addition, the graphics section assisted in the publication of the October 1973 issue of the Quarterly Analysis and prepared the briefing trans-

13. Interview by AIC R. Taylor, historian, with CMSgt M. Garner, 3901SMES/DOYO NCOIC, 19 Feb 74.

14. Ibid.

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parencies for the 3901SMES semiannual briefing to CINCSAC, and to the commanders of Fifteenth and Second Air Forces.

(U) The mechanization of the SAC Forms 875, Personnel Evaluation Report - ICDM, continued to make progress. Headquarters SAC/ADS released several samples of initial test report formats on 14 November and 12 December 1973 to the 3901SMES/DOYM. Several changes to the 14 November 1973 report were requested and were incorporated in the 12 December 1973 reports. One major change incorporated was the deletion of the duty AFSC and the addition of the date of the specialty training standard (STS), job performance guide (JPG) or task functional list (TFL) in the duty AFSC card columns. The official release of the SAC program to Vandenberg AFB's data automation office was on 14 December 1973.

(U) On 12 November 1973, Headquarters SAC/LGB approved the request from the 3901SMES analysis division to develop a mechanized system that could be used at unit levels. The system is to be similar to that presently used by the 3901SMES at Vandenberg AFB, California.

15. Interview by A1C R. Taylor, historian, with MSgt G. Theander, 3901SMES/DOYG NCOIC, 19 Feb 74.
16. Interview by A1C R. Taylor, historian, with SMSgt N. Bean, 3901SMES/DOYM NCOIC, 20 Feb 74; Telecon on 10 Feb 74 with Capt W. Scanlon, 3901SMES/DOY and Mrs. Bombard, Chief of Base Level Programming Section, HQ/SAC Data Automation.
17. Interview by A1C R. Taylor, Historian, with Capt W. Scanlon, Chief, 3901SMES/DOY, 25 Feb 74; Ltr, Col V. Longo, Hq SAC/OGBA, to 3901SMES/CC, "Computer Analysis of Personnel Evaluations," 12 Nov 73, Ex 71.

37

(U) Senior Master Sergeant Norman R. Bean attended a maintenance information retrieval and analysis system (MIRAS) conference on 7 to 9 November 1973 at Scott AFB, Illinois. The MIRAS was a new concept developed by the Air Force design center to provide better ways for production analysis to retrieve maintenance information from the B-3500 computer. This new idea, if implemented, would be costly but this would be offset by the reduction of 391X0 personnel. The MIRAS system would not be available to all bases or organizations especially where the maintenance management and information control system (MMICS) is not to be used. Two or three years would be needed to implement this new program, but those units obtaining it would become increasingly more versatile.<sup>18</sup>

MISSILE PROCEDURES TRAINER DIVISION (DOM)

(U) Technical Sergeant Phillip C. Gates, 3901SMES/DOM, attended the preliminary design review meeting on 2-4 October 1973 for ECP 1391 (world-wide voice (WWV) simulation in RY trainers) and a pre-ECP meeting on the Wing V operational executive program (OEP) impact on the command data buffer (CDB) RY trainers. A 120-word change to the computer program was required for WWV simulation. It was agreed to make the WWV changes with a supplemental change tape, due to the extensive number of program configurations now in use.<sup>19</sup>

18. Rpt, Rpt of Visit by SMSgt N. Bean, 3901SMES/DOYM, "Maintenance Information Retrieval and Analysis System Conference," 7-9 Nov 73, Ex 72.
19. Rpt, Rpt of Visit by TSgt P. Gates, 3901SMES/DOM, "ECP 1391 and Wing V OEP Impact," 2-5 Oct 73, Ex 73.

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(U) Master Sergeant John M. Jensen and TSgt Phillip Gates expressed a strong concern to the space and missile systems organization (SAMS0) on the computer memory allocation of the DDP 24 computers in the RV trainers. With the incorporation of the Wing V OEP changes, the computers had only 1,068 unused memory locations. This did not give adequate spare memory spaces to accommodate any future changes. Space and missile systems organization was to investigate the feasibility of procuring new computers comparable to the computers to be delivered with the new trainers at various units.<sup>20</sup>

(U) The second quarterly technical review meeting for the new trainer procurement package was held from 9 to 12 October 1973 at Hayes International Corporation, Birmingham, Alabama. Master Sergeant John Jensen and TSgt Carvin Miller, 3901SMES/DOM, participated in the meeting. An overall review of the procurement package was presented by Hayes International and a few problem areas were identified, only one of which was to possibly affect the scheduled delivery dates. There was some missing and illegible data on many parts of the LE trainer package. Hayes was to prepare a listing of LE trainer drawings and send them to SAMS0 by 1 November 1973. Many items of test equipment that were required for the checkout of the new trainers were identified by Hayes, and the Air Force representatives agreed

20. Interview, AIC R. Taylor, historian, with Maj R. Bennington, 3901SMES/DOM, 25 Feb 74.

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to lend the required equipment to Hayes for this purpose.

(U) The final checkout of Phase B, ECP 1311, Command Data Buffer, was successfully accomplished at F. E. Warren AFB, Wyoming, on 28 October to 2 November 1973. Captain Lloyd Cooper and TSgt Phillip Gates represented the 3901SMES during the checkout. The new program was used for four days during the checkout. All anomalies identified in interim tape III were corrected and no new anomalies were identified.

(U) On 28 November 1973, Captain Lloyd Cooper, 3901SMES/DOM, attended the Titan II coded switch preliminary design review for trainers held at Davis-Monthan AFB, Arizona. There did not appear to be any major problem areas at this time. The scheduled change proofing dates conflicted with 3901SMES evaluation and Olympic Arena activities, and a delay would set back delivery of production kits an equal amount of time. It was finally decided that a one month delay would be acceptable to everyone.

21. Rpt, Rpt of Visit by TSgt C. Miller, 3901SMES/DOM, "Quarterly Program Technical Review Meeting," 9-12 Oct 73, Ex 74.
22. Rpt, Rpt of Visit by Capt L. Cooper, 3901SMES/DOM, "Technical Review Meeting for ECP 1311 (Phase B)," 28 Oct-2 Nov 73, Ex 75.
23. Rpt, Rpt of Visit by Capt L. Cooper, 3901SMES/DOM, "Titan II Coded Switch Preliminary Design Review," 28 Nov 73, Ex 76.

EVALUATION DIVISION (DOV)

(U) Major Richard B. Thompson, 3901SMES/DOVM, represented the squadron and CINCSAC/DOVM at a conference on the new software status authentication system (SSAS). This meeting was held at The Boeing Company, Seattle, Washington on 23-24 Oct 1973. Primary areas of discussion at the meeting centered around the definition of new security situations which will be required with the implementation of SSAS and the possibility of SSAS unique technical manuals. In addition, three new job performance tasks for missile combat crews were identified. Also, as a result of the discussions throughout the conference, Boeing accepted action items to submit a program change request and provide certain technical manuals to SAC for review.

24. Rpt, Rpt of Visit by Maj R. Thompson, 3901SMES/DOVM, "Software Status Authentication System Conference," 23-24 Oct 73, Ex 77.

CHAPTER V  
MAINTENANCE

MAINTENANCE TRAINER DIVISION (LGMT)

(U) Maintenance trainer division activities again encompassed extensive temporary duty and project completions. All three areas within the division participated in these efforts which included specialty training standard (STS)/job proficiency guide (JPG) development, maintenance/ammunition trainer command management, and evaluator/inspector training course activities.<sup>1</sup>

(U) Master Sergeant Leon W. Skelton prepared 26 changes to existing command JPGs reflecting current changes in ICBM operational equipment hardware and technical order procedures as determined by weapons and support division evaluators. In addition, recommended changes to four STSs were forwarded to Headquarters SAC/LGBA for incorporation in the next STS revision by air training command (ATC).<sup>2</sup>

(U) There were 14 new or updated command JPGs prepared and submitted to Headquarters SAC/LGBA for review and printing. Job proficiency guides of specific interest included with the 14 packages were the new team training branch (TTB) instructor (maintenance trainers) and site security maintenance team (SSMT) JPGs. To coincide with the development of 14 new or updated JPGs, one new SACM 66-6, Volume I task function list was developed along with the revision of

1. Personal observations by historian.
2. Interview by A1C R. Taylor, historian, with Capt W. McKee, 3901SMES/LGMT, on 12 Feb 74; interview by A1C R. Taylor, historian, with MSgt L. Skelton, 3901SMES/LGMT, on 13 Feb 74.



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three currently existing task function lists.

(U) An annual review of 35 command JPGs was completed by section personnel in addition to updating 17 command JPGs commenced in preparation for the King III modification which is scheduled to begin in August 1974.

4

(U) It was suggested by field units at the 13-15 November 1973 ICBM training conference and directed by Headquarters SAC/LGB that a command JPG be developed for the vehicle equipment control branch (VECB). On 22 November 1973, work was started on the VECB JPB package. Along with beginning work on the VECB JPG, action was taken to review all unit locally prepared JPG supplements to insure all tasks within the STS and command JPGs are properly structured for field unit use.

5

(U) Captain William C. McKee and Master Sergeant Leon W. Skelton attended the ICBM maintenance training conference at Headquarters SAC/LGB on 13-15 November 1973. The purpose of the conference was to discuss and resolve problem areas identified during inspection visits, to provide for an interchange of ideas to prevent future problems, and to help prepare for an air training command training conference involving using commands and ATC.

- 6
3. Interview by AIC R. Taylor, historian, with Capt W. McKee, 3901 SMES/LGMI, on 12 Feb 74; Interview by AIC R. Taylor, historian, with MSgt L. Skelton, 3901SMES/LGMI, on 13 Feb 74.
  4. Interview by AIC R. Taylor, historian, with MSgt L. Skelton, 3901SMES/LGMI, on 13 Feb 74.
  5. Rpt of Visit by Capt McKee, 3901SMES/LGMI, "SAC Missile Maintenance Training Conference," 12-16 Nov 73, Ex 78.
  6. Ibid.

45

(U) In trainer development the following activities occurred: Technical Sergeant Jackie G. Roach attended the mechanical MGE long range procurement plan meeting at The Boeing Company, 10-12 October 1973. The purpose of this meeting was to plan the future requirements of mechanical maintenance ground equipment (MGE) to support the update programs at Wings V, III, VI, I, IV and Sq 20 respectively. Sergeant Roach established trainer requirements for each unit with projected need dates of 120 days prior to initial operational capability (IOC) to support trainer delivery.

(U) Technical Sergeant Jackie G. Roach attended the review of the Wing VI trainer requirements with the Ralph M. Parsons Company, Los Angeles, California on 18-19 October 1973. The purpose of this meeting was to review the facility criteria requirements with The Boeing Company and Ralph M. Parsons personnel. Sergeant Roach requested that the Parsons Company add the 3901SMES/LGMT to the distribution list for all operation and trainer master change leg (MCL) packages so that squadron personnel could continue to monitor and maintain assigned trainer requirements.

7. Rpt of Visit by TSgt J. Roach, 3901SMES/LGMT, "Mechanical MGE Long Range Procurement Plan Meeting," 10-12 Oct 73, Ex 79.
8. Rpt of Visit by TSgt J. Roach, 3901SMES/LGMT, "Back Check Review of Wing VI Trainer Requirements," 18-19 Oct 73, Ex 80.

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(9) Staff Sergeants Bruce S. Hopke and Gail L. Arnold attended the Wing III, control monitor procedures trainer, AN/SGQ-T28-T29 master program tape demonstration at Autonetics Corporation, Anaheim, California on 12-16 November 1973. The purpose of this meeting was to conduct a technical review of the technical order changes and master program changes resulting from the incorporation of Autonetics ECP 1301-R2 at Minot AFB, North Dakota.

(10) Master Sergeant John A. Dematteis and Technical Sergeant Jackie G. Roach attended the Wing III trainer final specification review at The Boeing Company, Seattle, Washington from 12-16 November 1973. The primary purpose of this meeting was to conduct the final design specification review for the integrated program update to the Wing III trainer in late 1974. Planning for the Wing VI and Wing I launch facility trainers was also conducted at this meeting. A significant breakthrough for the electro-mechanical team (EMT) training in the launch facility trainers was approved by SAC Headquarters for future updates to the trainers. This approval allowed planning for Wing VI and Wing I trainers which included the incorporation of approximately 90 per cent of all EMT launch facility (LF) tasks as compared with present approximate 40 per cent capability.

9. Rpt of Visit by SSgt G. Arnold, 3901SMES/LGNT, "Technical Acceptance Demonstration for the Wing III Tape," 12-16 Nov 73, Ex 81.
10. Rpt of Visit by MSgt J. Dematteis, 3901SMES/LGNT, "EU Trainer-Wing III Specification Review," 12-16 Nov 73, Ex 82.

45

(U) Master Sergeant Jackie G. Roach attended the final mechanical MGE review for Wing VI at The Boeing Company from 5-13 December 1973. The purpose of this visit was to demonstrate Wing VI and Squadron 20 mechanical MGE equipment.

(U) The evaluator/inspector school hosted various classes throughout this period. Four evaluator and two inspector classes were conducted for field unit personnel. Headquarters SAC/DORME (Comm MSET) personnel attended the 12-16 November communications evaluation course with purpose of using parts of the SMES communication evaluation program to fit aspects of their newly initiated evaluation program.

(U) Master Sergeant Richard A. Roscoe and Technical Sergeant Maurice A. Cheney, evaluation school instructors, attended the Air Force Inspector General inspector orientation course at Norton AFB, California the week of 26 November 1973.

11. Rpt of Visit by MSgt J. Roach, 3901SMES/LGNT, "Critical Design Review Wing VI Mechanical MGE," 5-13 Dec 73, Ex 83.
12. AF Form 219, "Duty Roster, Class 73-22EC," Oct 15-19, 73, Ex 84 ;  
 AF Form 219, "Duty Roster, Class 73-23E," 29 Oct - 2 Nov 73, Ex 85 ;  
 AF Form 219, "Duty Roster, Class 73-241," 5-9 Nov 73, Ex 86 ;  
 AF Form 219, "Duty Roster, Class 73-25EC," 12-16 Nov 73, Ex 87 ;  
 AF Form 219, "Duty Roster, Class 73-26E," 3-7 Dec 73, Ex 88 ;  
 AF Form 219, "Duty Roster, Class 73-27I," 10-14 Dec 73, 89 ;  
 Ltr, Col J. Carlisle, 3901SMES/DCM, to CINCSAC/DERN, et al,  
 "Quota and Reporting Instructions for Evaluator and Inspector Training Courses," 16 May 73, Ex 90 ; Telecon between SMSgt G. Lee, 3901SMES/LGME, and Capt Cartagena on 1 Nov 73; Interview by A1C R. Taylor, historian, with SMSgt G. Lee, 3901SMES/LGME, on 28 Feb 74.
13. Ltr, Col W. Miller, Hq SAC IG, to CMSgt Walter, 3901SMES/LGNT, "USAF IG Orientation Course (74-K)," 12 Nov 73, Ex 91 ; Msg, CINCSAC/IGE to 3901SMES, "The Inspector General Orientation Course," 23001 Nov 73, Ex 92 ; Interoffice Memo from CMSgt R. Walter, 3901SMES/LGNT, to LtCol Wright/LtCol Fisher, 3901 SMES/ALGM, 16 Nov 73, Ex 93 .

SUPPORT DIVISION (LGMSE)

(U) Colonel William H. Sands, 3901SMES Commander, and Captain Ronald D. Oliverio, participated in a conference with Headquarters SAC/DEF at Offutt AFB, Nebraska from 8-12 October 1973 to resolve the problems encountered by this organization in obtaining qualified personnel. The results of this conference were that CINCSAC/DPRAS sent to the military personnel center at Randolph AFB, Texas a letter identifying the need for quality manning of squadron positions and pointing out that specific requests for qualified personnel had been respectfully turned down due to overseas vulnerability of requested personnel.<sup>14</sup>

(U) Four representatives from the newly formed Headquarters SAC communications maintenance standardization evaluation team (MSET) accompanied the 3901SMES communications evaluations during the 26 November - 7 December 1973 visit to McConnell AFB, Kansas, for observation of personnel evaluation procedures and techniques under field conditions. Their purpose was to determine the feasibility of using 3901SMES evaluation techniques in evaluating non-missile support communications personnel. Also, it served as a training session for the four MSET personnel. As a result of the McConnell AFB, Kansas visit, Headquarters SAC/DOKME coordinated with 3901SMES to have other members of their team accompany 3901SMES personnel to Minot AFB, North Dakota and Davis-Monthan AFB, Arizona in January 1974 to indoctrinate

14. Memo for Record by Capt R. Oliverio, 3901SMES/LGMSE, "Staff Conference on 3901SMES Manning Problems," 8-12 Oct 73, Ex 94.

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 them in our evaluation procedures and techniques.

(U) Technical Sergeant Merle D. Davison attended a conference held at McConnell AFB, Kansas on 1-4 October 1973. The purpose of this conference was to review technical data for coded switch during prototype installation. Those attending included representatives from Depot and the Martin Marietta Corporation. The objectives of this trip were only partially fulfilled because the installation was completed prior to the arrival of squadron personnel. In addition, a qualified technician was not available to review a portion of the technical data for them. This technical data was later transported to Vandenberg AFB, California for review.

16

MENTIONS DIVISION (LG300)

(U) The 3901SMES continually monitors the progress of the MK-6 re-entry vehicle (Titan II) recycle and test set school conducted at the 394th Strategic Missile Squadron re-entry branch facilities on Vandenberg AFB, California. During this period, two classes of five students were graduated, 3 October and 21 November 1973. Through our observations of this school, all aspects of instruction continued to be of an excellent quality.

17

15. Interview by A1C R. Taylor, historian, with MSgt L. Chojnacki, 3901SMES/LGNSC, on 6 Feb 74.
16. Rpt of Visit by TSgt R. Kaderka, 3901SMES/LGMWT, "Review of tech Data for Coded Switch," 1-4 Oct 73, Ex 95.
17. Interview by A1C R. Taylor, historian, with Capt W. Neighbors, 3901SMES/LGEM, on 13 Feb 74.

(U) Captain William A. Neighbors attended a command conference for munitions maintenance squadron commanders/WV branch chiefs at Offutt AFB, Nebraska from 6-8 November 1973. Discussion with members of the CINCSAC munitions staff concerning the problem of 361X0 personnel evaluations indicated additional staff study would be necessary to resolve this problem.

18

WEAPONS DIVISION MINUTEMAN (LGMM)

(U) Branch technicians represented the command as technical advisors at six conferences during this quarter. Technical Sergeant John L. Jenkins attended a Wing VI MGE PDR conference at Autonetics Company, Anaheim, California from 23-25 October 1973. At this meeting the changes and modifications of Wing VI for the command data buffer (CDB) were discussed. No new training of Wing VI personnel was felt to be needed.

19

(U) Technical Sergeant Kenneth E. Padgett attended the Minuteman system safety group meeting from 23-26 October 1973 which was hosted by The Boeing Company at Seattle, Washington. New safety group items previously left open were discussed and closed. New items were opened and action items distributed. This was one in a

18. Rpt of Visit by Capt W. Neighbors, 3901SMES/LGMM, "Command Conference for Munitions Maintenance Squadron Commanders," 6-8 Nov 73, Ex 96.
19. Rpt of Visit by TSgt J. Jenkins, 3901SMES/LGMM, "Wing VI MGE Preliminary Design Review," 23-25 Oct 73, Ex 97.



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large continuing series of safety oriented meetings.

(U) Technical Sergeant Gene L. Smith attended a simulated electronic launch Minuteman (SELM) technical data in progress review (IPR) meeting from 8-13 October 1975. It convened at The Boeing Company, Seattle, Washington. The purpose of the meeting was to review technical order procedures which are to be used at Wing II and Wing I, Squadron 4, during SELM testing. A great number of significant changes were made to both technical orders discussed.

(U) Master Sergeant Jerald D. Nelson attended a post publication review of T.O. 21M-LGM30G-2-1 (VAFB, Wg V Mod) meeting at F. E. Warren AFB, Wyoming from 15-19 October 1975. Over 240 changes were made to the technical order during the meeting.

(U) Captain Donald J. Karcewski attended the in-process review, T.O. 21M-LGM30F-2-12-1, (Wing I, II, IV and VAFB) meeting at Autonetics in Anaheim, California from 25-27 October 1975. A total of 211 approved changes were made by the review team during the three day review. The new technical order was to contain the new universal alignment data record and delete optical reference mirror azimuth verification (RMAV) procedures.

20. Rpt of Visit by TSgt K. Padgett, 3901SMES/LGMGM, "Minuteman System Safety Group Meeting," 23-26 Oct 75, Ex 98 .
21. Rpt of Visit by TSgt G. Smith, 3901SMES/LGMGM, "Simulated Electronic Launch Minuteman In-Process Technical Data Review," 8-13 Oct 75, Ex 99 .
22. Rpt of Visit by MSgt J. Nelson, 3901SMES/LGMGM, "Post Publication Review and Update," 15-19 Oct 75, Ex 100 .
23. Rpt of Visit by Capt D. Karcewski, 3901SMES/LGMGM, "In-Process Review," 25-27 Oct 75, Ex 101 .

50

(U) Technical Sergeant Emory B. Foote and Technical Sergeant Richard A. Dunshee attended a Wing VI silo update conference from 5-21 December 1973 at Seattle, Washington. The discussion at this meeting was centered around the generator at Wing VI, which will be different than generators at other wings. A multimeter AN/PSM-6 will be the only item of test equipment that will be required for the motor generator (MG) checkout and test points were to be added to the electrical circuits of the generator to facilitate checkout of the unit.

WEAPONS DIVISION - TITAN (LGMNT)

(U) A total of 520 AFIO Forms 22, Technical System Publication Improvement Reports, were processed by the branch. Approximately 10-20 per cent of these reports were initiated by branch evaluators.

(U) The bulk of activity in this section was accomplished in the office. The only trip taken was to McConnell AFB, Kansas by TSgts Richard E. Kaderka and Michael O. Kelley in conjunction with Martin Marietta and Ogden Air Materiel Area Depot (OOAMA) personnel from Hill AFB, Utah. This was a conference reviewing the validity

24. Rpt of Visit by TSgt E. Foote, 3901SMES/LGMNT, "Wing VI Motor Generator Set Critical Design Review," 17-20 Dec 73, Ex 102.
25. Interview by AIC R. Taylor, historian, with CMSGT O. Burns, 3901SMES/LGMNT, 4 Feb 74.

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of technical data for the coded switch, and was accomplished during  
<sup>26</sup>  
 prototype installation.

(U) The SAC directed in-shop work included technical order verification and changes. A total of 95 APTO Form 22s from various units were reviewed for validity. The 3901SMES/LGMWT initiated 17 per cent of those reviewed.  
<sup>27</sup>

(U) A special major maintenance evaluation visit to the 308th Strategic Missile Wing, Little Rock AFB, Arkansas, was conducted between 6-14 December 1973. A total of 43 personnel were evaluated accomplishing 159 tasks during a recycle at complex 373-1. Five substandard task performances were observed for a task pass rate of 96.8 per cent. Fifteen task evaluations of the 394SMS Titan II maintenance personnel were conducted in support of the maintenance  
<sup>28</sup>  
 standardization and evaluation program (MSEP).

26. Interview by AIC R. Taylor, historian, with Maj S. Roadarmel, 3901SMES/LGMWT, 27 Feb 74; Rpt of Visit by TSgt R. Kaderka, 3901SMES/LGMWT, "Review of Tech Data for Coded Switch," 1-4 Oct 73, Ex <sup>95</sup>.
27. Interview by AIC R. Taylor, historian, with CMSgt G. McManus, 3901SMES/LGMWT, on 27 Feb 74.
28. Interview by AIC R. Taylor, historian, with Maj S. Roadarmel, 3901SMES/LGMWT, 27 Feb 74.

S U M M A R Y

(U) The story this quarter was not unusual, there were ups and downs in all areas. A good indication of this was in the area of squadron expenditures. There was money left over at the end of the quarter in the supplies account, while contract vehicle rental funds proved inadequate.

(U) One hundred percent squadron manning authorization was achieved during this quarter after a large turnover in the two previous quarters. There was an overage of junior persons and a shortage of senior persons in both officer and airmen categories

(U) Grand Forks AFB, North Dakota and Whiteman AFB, Missouri did very well in the evaluation program, with no answerable discrepancies from either. The other wings showed a minor regression in ratings.

(U) The squadron maintenance and operations personnel continued their mission with five evaluation visits, and their support of 23 SAC directed TDY's. All in all, it was a good quarter for the 3901 Strategic Missile Evaluation Squadron.

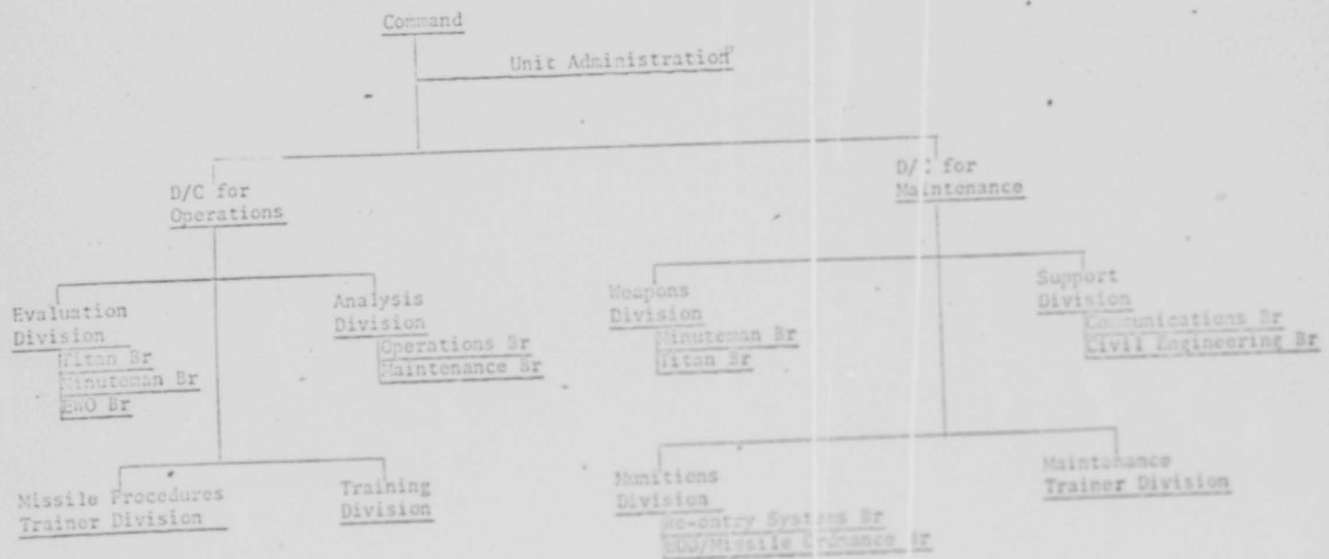
G L O S S A R Y

AKT	Apprentice Knowledge Test
ATC	Air Training Command
CDB	Command Data Buffer
CTT	Combat Targeting
EMT	Electro-Mechanical Team
ESA	Electrical Surge Arrestor
HF	High Frequency
IOC	Initial Operational Capability
JPG	Job Performance Guide
LF	Launch Facility
NCL	Master Change Log
MG	Motor Generator
MGE	Maintenance Ground Equipment
MIRAS	Maintenance Information Retrieval & Analysis System
MMICS	Maintenance Management & Information Control System
MMT	Missile Maintenance
MPC	Military Personnel Center
MSEP	Maintenance Standardization & Evaluation Program
MSET	Maintenance Standardization Evaluation Team
OEP	Operational Executive Program
OOAMA	Ogden Air Materiel Area
RNAV	Reference Mirror Azimuth Verification

G L O S S A R Y

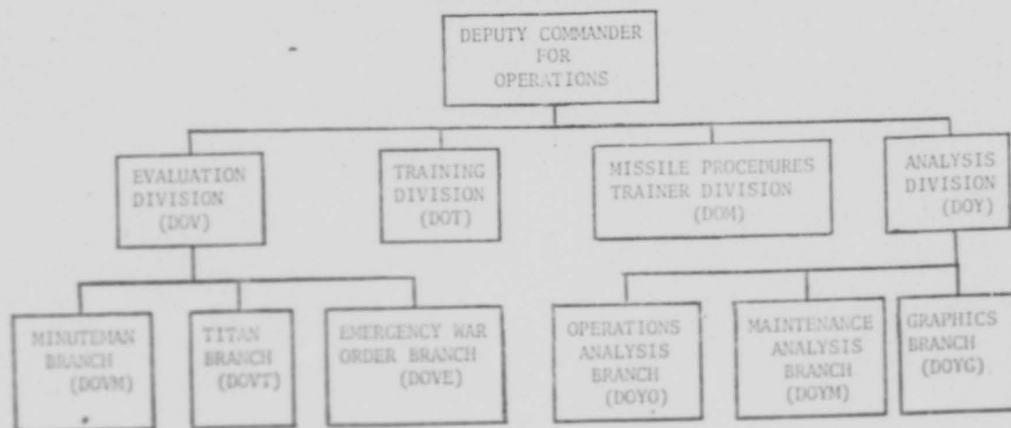
RVET	Re-entry Vehicle Evaluation Team
SELM	Simulated Electronic Launch Minuteman
SLFCS	Survivable Low Frequency Communications System
SSMT	Site Security Maintenance Team
STS	Specialty Training Standard
TFL	Task Functional List
TTB	Team Training Branch
VECB	Vehicle Equipment Control Branch
WWV	World-Wide Voice

ORGANIZATION CHART - 3901st STRATEGIC MISSILE EVALUATION SQUADRON

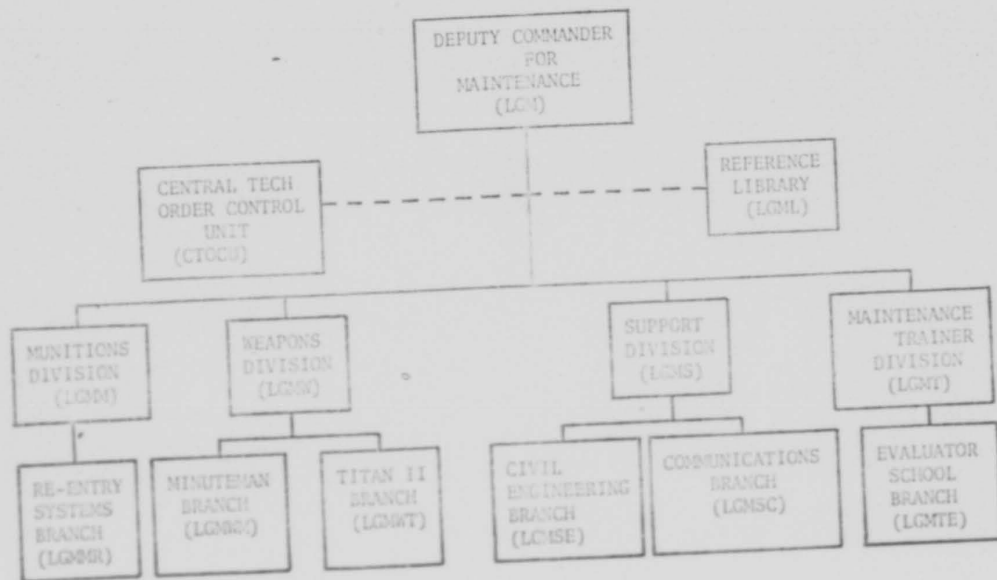




ORGANIZATIONAL CHART  
DEPUTY COMMANDER FOR OPERATIONS  
3901ST STRATEGIC MISSILE EVALUATION SQUADRON



ORGANIZATIONAL CHART  
DEPUTY COMMANDER FOR MAINTENANCE  
3901ST STRATEGIC MISSILE EVALUATION SQUADRON



S U P P O R T I N G   D O C U M E N T S

1. Assigned Units
2. G-Series Special Orders Published.
3. Ltr, Capt W. Scanlon, 3901SMES/DOY, to 3901SMES/HO, "Supply Expenses," 10 Jan 74.
4. Msg, CINCSAC/LGTX to 3901SMES/CC, "Vehicle Rental for Evaluation Visits," 062200Z Sep 73.
5. Msg, CINCSAC/ACBO to 4392ASG/ACB, "Vehicle Rental for Evaluation Visits," 5 Oct 73, 1938.
6. Msg, 3901SMES/CC to CINCSAC/LGTX, "Vehicle Rental for Evaluation Visits," 291800Z Nov 73.
7. Msg, CINCSAC/ACBO to 1STRAD/ACB, "Vehicle Rental Funds," 5 Dec 73, 1517.
8. Ltr, Col W. Sands, 3901SMES/CC, to 4392ASG/ACB, "FY 1975 Operations Operating Budget (OOB)," 14 Dec 73.
9. 3901SMES Form 2, "3901SMES Personnel TDY Forecast," Oct 73.
10. 3901SMES Form 2, "3901SMES Personnel TDY Forecast," Nov 73.
11. 3901SMES Form 2, "3901SMES Personnel TDY Forecast," Dec 73.
12. Ltr, Col J. Strickland, 3901SMES/DCO, to 3901SMES/HO, "FY74 Budget," 9 Jan 74.
13. Special Order AB-1815 on Capt R. Urbanski, 1 Oct 73.
14. Special Order AB-2016 on Capt F. Zachary, 1 Nov 73.
15. Special Order AB-2861 on SSgt H. Aherns, 1 Nov 73.
16. Special Order A-3175 on TSgt H. Blair, on 1 Dec 73.

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S U P P O R T I N G   D O C U M E N T S

17. Ltr, Col W. Sands, 3901SMES/CC, to CINCSAC/DPRA, et al, "Code 51 Deferment," 9 Oct 73.
18. Ltr, Col W. Sands, 3901SMES/CC, to CINCSAC/DPRAP, et al, "Code 51 Deferment," 28 Nov 73.
19. Ltr, Col W. Sands, 3901SMES/CC, to CINCSAC/DPRA, et al, "Code 51 Controlled Duty Tour," 30 Nov 73.
20. Ltr, Col W. Sands, 3901SMES/CC, to CINCSAC/DPRA, et al, "Code 51 Deferment," 30 Nov 73.
21. Ltr, Col W. Sands, 3901SMES/CC, to CINCSAC/DPRA, et al, "Code 51 Controlled Duty Tour," 30 Nov 73.
22. DD Form 4, "Enlistment Contract" on TSgt R. Dunshee.
23. DD Form 4, "Enlistment Contract" on TSgt C. Dobbins.
24. DD Form 4, "Enlistment Contract" on SMSgt R. Boe.
25. DD Form 4, "Enlistment Contract" on MSgt J. Jensen.
26. DD Form 4, "Enlistment Contract" on TSgt R. Tateyama.
27. DD Form 4, "Enlistment Contract" on SSgt G. Arnold.
28. FY74 Reenlistment Rates as of 31 Oct 73.
29. FY74 Reenlistment Rates as of 30 Nov 73.
30. FY74 Reenlistment Rates as of 31 Dec 73.
31. AF Form 100, "Request and Authorization for Separation," on SSgt W. Longnecker.
32. Rpt, Eval Rpt #73-15 (FOUO), 90SMW, F. E. Warren AFB, WY, 9-20 Oct 73.
33. Ind, 3d Ind to 3901SMES/CC Ltr, 20 Oct 73, "Report of Evaluation #73-15," by Brig Gen E. Harris, 15AF/CS, to CINCSAC/DOTM, pp 3, 4, 2 Jan 74.
34. Rpt, Eval Rpt #73-16 (FOUO), 803SMW, Little Rock AFB, AR, 29 Oct-9 Nov 73.
35. Ltr, Col E. Bailey, 308SMW/CC to CINCSAC/DOTM, et al, "Report of Evaluation #73-16," 28 Nov 73, pp 3, 4.

S U P P O R T I N G   D O C U M E N T S

17. Ltr, Col W. Sands, 3901SMES/CC, to CINCSAC/DPRA, et al, "Code 51 Deferment," 9 Oct 73.
18. Ltr, Col W. Sands, 3901SMES/CC, to CINCSAC/DPRAP, et al, "Code 51 Deferment," 28 Nov 73.
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22. DD Form 4, "Enlistment Contract" on TSgt R. Dunshee.
23. DD Form 4, "Enlistment Contract" on TSgt C. Dobbins.
24. DD Form 4, "Enlistment Contract" on SMSgt R. Eoe.
25. DD Form 4, "Enlistment Contract" on MSgt J. Jensen.
26. DD Form 4, "Enlistment Contract" on TSgt R. Tateyama.
27. DD Form 4, "Enlistment Contract" on SSgt G. Arnold.
28. FY74 Reenlistment Rates as of 31 Oct 73.
29. FY74 Reenlistment Rates as of 30 Nov 73.
30. FY74 Reenlistment Rates as of 31 Dec 73.
31. AF Form 100, "Request and Authorization for Separation," on SSgt W. Longnecker.
32. Rpt, Eval Rpt #73-15 (FOUO), 90SMW, F. E. Warren AFB, WY, 9-20 Oct 73.
33. Ind, 3d Ind to 3901SMES/CC Ltr, 20 Oct 73, "Report of Evaluation #73-15," by Brig Gen E. Harris, 15AF/CS, to CINCSAC/DOTM, pp 3, 4, 2 Jan 74.
34. Rpt, Eval Rpt #73-16 (FOUO), 803SMW, Little Rock AFB, AR, 29 Oct-9 Nov 73.
35. Ltr, Col E. Bailey, 308SMW/CC to CINCSAC/DOTM, et al, "Report of Evaluation #73-16," 28 Nov 73, pp 3, 4.

S U P P O R T I N G   D O C U M E N T S

36. Rpt, Eval Rpt #73-16a (FOUO), 308SMW, Little Rock AFB, AR, 29 Oct-9 Nov 73.
37. Rpt, Eval Rpt #73-17 (FOUO), 321SMW, Grand Forks AFB, ND, 5-16 Nov 73.
38. Rpt, Eval Rpt #73-18 (FOUO), 381SMW, McConnell AFB, KS, 26 Nov-7 Dec 73.
39. Ltr, Col E. Shattuck, 381SMW/CC, to 19AD/CC, "Corrective Action to 3901SMES Eval Report #73-18," 18 Dec 73, p 4-1.
40. Rpt, Eval Rpt #73-19 (FOUO), 351SMW, Whiteman AFB, MO, 26 Nov-7 Dec 73.
41. Alert Sortie Results.
42. Msg, 3901SMES/CC to 90SMW/CC/LGM, et al, "Final Alert Sortie Evaluation Summary Report #73-15 (U)," 192200Z Oct 73. (S)
43. Msg, 3901SMES/CC to 308SMW/CC/LGM, et al, "Final Alert Sortie Evaluation Summary Report #17-16 (U)," 062200Z Nov 73. (S)
44. Msg, 308SMW/CC to 3901SMES/LGM, et al, "Final Alert Sortie Evaluation Summary Report #73-16 (U)," 212230Z Nov 73. (S)
45. Msg, 3901SMES/CC to 321SMW/CC/LGM, et al, "Final Alert Sortie Evaluation Summary Report #73-17 (U)," 142200Z Nov 73. (S)
46. Msg, 3901SMES/CC to 381SMW/CC/LGM, et al, "Final Alert Sortie Evaluation Summary Report #73-18 (U)," 051530Z Dec 73. (S)
47. Msg, 3901SMES/CC to 351SMW/CC/LGM, et al, "Final Alert Sortie Evaluation Summary Report #17-19 (U)," 062200Z Dec 73. (S)
48. SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to Minot AFB to VAFB.
49. SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to Davis-Monthan AFB to VAFB.
50. SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to F. E. Warren AFB to VAFB.
51. SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to Ellsworth AFB to VAFB.

S U P P O R T I N G   D O C U M E N T S

52. SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to McConnell AFB to VAFB.
53. SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to Whiteman AFB to VAFB.
54. SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to Malmstrom AFB to VAFB.
55. SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to Little Rock AFB to VAFB.
56. SAC Form 399, "Airlift Request," 20 Nov 73, VAFB to Grand Forks AFB to VAFB.
57. AF Form 711ab, "Ground Accident Rpt, Non-Major," 31 Oct 73, by Col W. Sands, 3901SMES/CC.
58. Msg, 3901SMES to CINCSAC/DOSG, "Ground Accident Summary," 122000Z Nov 73.
59. SAC Form 28, "Supervisor's Report of Injury to Military or Civil Service Personnel," 31 Oct 73.
60. Msg, 3901SMES to CINCSAC/DOSG, "Ground Accident Summary," 041817Z Dec 73.
61. SAC Form 28, "Supervisor's Report of Injury to Military or Civil Service Personnel," 29 Nov 73.
62. Msg. 3901SMES to CINCSAC/DOSG, "Ground Accident Summary," 111630Z Jan 74.
63. 3901SMES Weekly Training Schedules from 1 Oct to 28 Dec 73.
64. VAN Form 336, "Request for Action on Allocated School Quotas," 17 Sep 73.
65. VAN Form 336, "Request for Action on Allocated School Quotas," 2 Aug 73.
66. Ltr, W. Guthrie, SMSgt, NCOIC/4392ASG/DPMCC-F, to 3901SMES, "Allocation of Quota for Course 30ZR4625, Nuclear Weapons Orientation Advanced Course, PDS Code EHX," 24 Jul 73.
67. Airman QJT Roster.



S U P P O R T I N G   D O C U M E N T S

68. Info Sheet to ISTRAD/DP from 3901SMES/DOT, 3 Jan 74.
69. Ltr, SMSgt J. DeGafferelly, 3901SMES/DOT, to within squadron offices, "Allan Hancock College Special Courses for 3901SMES," 15 Nov 73.
70. Quarterly Analysis, Vol 9 Nr. 1 (FOUO), Jan 74.
71. Ltr, Col V. Longo, Hq SAC/OGBA, to 3901SMES/CC, "Computer Analysis of Personnel Evaluations," 12 Nov 73.
72. Rpt, Rpt of Visit by SMSgt N. Bean, 3901SMES/DOYM, "Maintenance Information Retrieval and Analysis System Conference," 7-9 Nov 73.
73. Rpt, Rpt of Visit by TSgt P. Gates, 3901SMES/DOM, "ECP 1391 and Wing V OEP Impact," 2-5 Oct 73.
74. Rpt, Rpt of Visit by TSgt C. Miller, 3901SMES/DOM, "Quarterly Program Technical Review Meeting," 9-12 Oct 73.
75. Rpt, Rpt of Visit by Capt L. Cooper, 3901SMES/DOM, "Technical Review Meeting for ECP 1311 (Phase B)," 28 Oct-2 Nov 73.
76. Rpt, Rpt of Visit by Capt L. Cooper, 3901SMES/DOM, "Titan II Coded Switch Preliminary Design Review," 28 Nov 73.
77. Rpt, Rpt of Visit by Maj R. Thompson, 3901SMES/DOVM, "Software Status Authentication System Conference," 23-24 Oct 73.
78. Rpt, Rpt of Visit by Capt McKee, 3901SMES/LGMT, "SAC Missile Maintenance Training Conference," 12-16 Nov 73.
79. Rpt, Rpt of Visit by TSgt J. Roach, 3901SMES/LGMT, "Mechanical MGE Long Range Procurement Plan Meeting," 10-12 Oct 73.
80. Rpt, Rpt of Visit by TSgt J. Roach, 3901SMES/LGMT, "Back Check Review of Wing VI Trainer Requirements," 18-19 Oct 73.
81. Rpt, Rpt of Visit by SSgt G. Arnold, 3901SMES/LGMT, "Technical Acceptance Demonstration for the Wing III Tape," 12-16 Nov 73.
82. Rpt, Rpt of Visit by MSgt J. Dematteis, 3901SMES/LGMT, "EU Trainer-Wing III Specification Review," 12-16 Nov 73.
83. Rpt, Rpt of Visit by MSgt J. Roach, 3901SMES/LGMT, "Critical Design Review Wing VI Mechanical MGE," 5-13 Dec 73.

S U P P O R T I N G   D O C U M E N T S

68. Info Sheet to ISTRAD/DP from 3901SMES/DOT, 3 Jan 74.
69. Ltr, SMSgt J. DeGafferelly, 3901SMES/DOT, to within squadron offices, "Allan Hancock College Special Courses for 3901SMES," 15 Nov 73.
70. Quarterly Analysis, Vol 9 Nr. 1 (FOUO), Jan 74.
71. Ltr, Col V. Longo, Hq SAC/OGBA, to 3901SMES/CC, "Computer Analysis of Personnel Evaluations," 12 Nov 73.
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80. Rpt, Rpt of Visit by TSgt J. Roach, 3901SMES/LGTM, "Back Check Review of Wing VI Trainer Requirements," 18-19 Oct 73.
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S U P P O R T I N G   D O C U M E N T S

84. AF Form 219, "Duty Roster, Class 73-22C," 15-19 Oct 73.
85. AF Form 219, "Duty Roster, 73-23E," 29 Oct-2 Nov 73.
86. AF Form 219, "Duty Roster, Class 73-24I," 5-9 Nov 73.
87. AF Form 219, "Duty Roster, Class 73-25EC," 12-16 Nov 73.
88. AF Form 219, "Duty Roster, Class 73-26E," 3-7 Dec 73.
89. AF Form 219, "Duty Roster, Class 73-27I," 10-14 Dec 73.
90. Ltr, Col J. Carlisle, 3901SMES/DCM, to CINCSAC/DERX, et al, "Quota and Reporting Instructions for Evaluator and Inspector Training Courses," 16 May 73.
91. Ltr, Col W. Miller, Hq SAC IG, to CMSgt Walter, 3901SMES/LGMT, "USAF IG Orientation Course (74-K)," 12 Nov 73.
92. Msg, CINCSAC/IGE to 3901SMES, "The Inspector General Orientation Course," 2300Z Nov 73.
93. Interoffice Memo from CMSgt R. Walter, 3901SMES/LGMT, to Lt Col Wright/Lt Col Fisher, 3901SMES/ALGM, 16 Nov 73.
94. Memo for Record by Capt R. Oliverio, 3901SMES/LGMSE, "Staff Conference on 3901SMES Manning Problems," 8-12 Oct 73.
95. Rpt, Rpt of Visit by TSgt R. Kaderka, 3901SMES/LGMWT, "Review of Tech Data for Coded Switch," 1-4 Oct 73.
96. Rpt, Rpt of Visit by Capt W. Neighbors, 3901SMES/LGMN, "Command Conference for Munitions Maintenance Squadron Commanders," 6-8 Nov 73.
97. Rpt, Rpt of Visit by TSgt J. Jenkins, 3901SMES/LGMWM, "Wing VI MGE Preliminary Design Review," 23-25 Oct 73.
98. Rpt, Rpt of Visit by TSgt K. Padgett, 3901SMES/LGMWM, "Minuteman System Safety Group Meeting," 23-26 Oct 73.
99. Rpt, Rpt of Visit by TSgt G. Smith, 3901SMES/LGMWM, "Simulated Electronic Launch Minuteman In-Process Technical Data Review," 8-13 Oct 73.

S U P P O R T I N G   D O C U M E N T S

100. Rpt, Rpt of Visit by MSgt J. Nelson, 3901SMES/LGMM, "Post Publication Review and Update," 15-19 Oct 73.
101. Rpt, Rpt of Visit by Capt D. Karcewski, 3901SMES/LGMM, "In-Process Review," 25-27 Oct 73.
102. Rpt, Rpt of Visit by TSgt E. Foote, 3901SMES/LGMM, "Wing VI Motor Generator Set Critical Design Review," 17-20 Dec 73.

SAC Standardized, EXHIBIT #1

ASSIGNED UNITS

No subordinate units were assigned to the 3901st Strategic Missile Evaluation Squadron. As an organization, the 3901SMES represented an extension of Headquarters Strategic Air Command, and was directly responsible to the SAC Directorate of Operations.

SAC Standardized, EXHIBIT #2

G-SERIES SPECIAL ORDERS PUBLISHED

The 3901st Strategic Missile Evaluation Squadron possessed no authority to publish G-Series special orders. Activities of the 3901SMES requiring the publication of special orders in the G-Series were included in such orders published by Headquarters, 4392nd Aerospace Support Group, Vandenberg AFB, California. 1

1. A complete listing of all G-Series special orders published by Headquarters, 1st Strategic Aerospace Division, and Headquarters, 4392nd Aerospace Support Group, can be found appended to the History, 1st Strategic Aerospace Division, covering this period.

EXHIBIT NUMBER 3

DEPARTMENT OF THE AIR FORCE  
3901ST STRATEGIC MISSILE EVALUATION SQUADRON (SAC)  
VANDENBERG AIR FORCE BASE, CALIFORNIA 93437



REPLY TO  
ATTN OF: DOY

10 January 1974

SUBJECT: Supply Expenses

TO: HO

The following information concerning supply matters is submitted:

<u>Actual Expense - 2nd Qtr</u>		<u>Projected Expense - 3rd Qtr</u>	
October	\$ 702.31	January	\$1139.00
November	1244.96	February	1139.00
December	560.31	March	1141.00
Total Expense - 2nd Qtr		- \$2,507.58	
Total Projected Expense - 3rd Qtr		- \$3,419.00	

*William A. Scanlon*  
WILLIAM A. SCANLON, Captain, USAF  
Chief, Analysis Division

*Peace . . . . is our Profession*



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WILLIAM A. SCANLON, Captain, USAF  
Chief, Analysis Division

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*William A. Scanlon*  
 WILLIAM A. SCANLON, Captain, USAF  
 Chief, Analysis Division

*Peace . . . is our Profession*

EXHIBIT NUMBER 4

UNCLASSIFIED

COORDINATOR  
CC [Signature]  
CCE [Signature]

DO [Signature]

DOY [Signature]

4392ASG/ACB

01 01  
YES

RR UUUU

06/22/42 SEP 73

3901STRATMSLEVALSQ VANDENBERG AFB CALIF/CC

CINCSAC OFFUTT AFB NEBR/LGTX

INFO: CINCSAC OFFUTT AFB NEBR/ACDO

CINCSAC OFFUTT AFB NEBR/DOFM

UNCLAS

SUBJ: VEHICLE RENTAL FOR EVALUATION VISITS. REFERENCE CINCSAC/LGTX MSG  
222155Z JUN 73.

1. REFERENCED MESSAGE INDICATES THAT THIS ORGANIZATION WILL FUND REQUIREMENTS FOR RENTAL VEHICLES USED DURING EVALUATION VISITS. THE ANNUAL PROGRAM FOR FY 1974 PROVIDES US WITH \$3,000 FOR THIS PURPOSE. SINCE THE BEGINNING OF THE FISCAL YEAR, WE HAVE RECEIVED REQUESTS FROM THREE BASES REQUESTING THAT A TOTAL OF \$5,370 BE OBLIGATED FOR CONTRACT VEHICLES.
2. FUNDS HAVE REPROGRAMMED FROM OTHER ARLAS TO FUND ABOVE REQUIREMENTS PENDING RECEIPT OF ADDITIONAL OBA. IT IS ESTIMATED THAT OUR ANNUAL REQUIREMENT WILL APPROXIMATE \$10,000 FOR FY 74. THIS ESTIMATE WILL BE REVISED AS EXPERIENCE IS GAINED. REQUEST OUR ANNUAL PROGRAM BE INCREASED BY \$7,000 TO \$10,000.
3. THIS IS A COORDINATED 3901SRES/CC AND 4392ASG/ACB MESSAGE.

W. A. SCANLON, CAPT, DOY, 276-6750  
M. R. BRIGHT, COL, CCE, 276-6603

EXHIBIT NUMBER 5

ACTION 1

50 OCT 19 30

RTTUZYUH RUMTEKA4417 2781680-0000--RUHJSLA;  
ZNR 00000  
R 251430Z OCT 73  
FM SINGAS DEFFUIT AFB NEBR/ACRO  
TO RUHJSLA/4392ASG VANDENBERG AFB CALIF/ACB  
RUHJSLA/3901 STRAT HSL EVAL SQD VANDENBERG AFB CALIF/CO

BT  
UNCLAS

SUBJECT: VEHICLE RENTAL FOR EVALUATION VISITS  
(REFERENCE YOUR 3901 SMS 062200Z SEP 73).  
YOUR OCTOBER OBAD NUMBER FIVE WILL PROVIDE  
\$5,000 ANNUAL PROGRAM, EEIC 432, PE 11898 FOR  
RENTAL OF VEHICLES FOR THE 3901 SMS DURING  
EVALUATION VISITS, THIS INCREASE PROVIDED A TOTAL  
OF \$8,000 TO THE 3901ST SMS FOR THIS PURPOSE.  
USE OF THESE FUNDS FOR OTHER THAN SUPPORT OF  
THIS UNIT IS NOT AUTHORIZED WITHOUT PRIOR APPROVAL  
OF THIS HEADQUARTERS/ACB.

BT  
#4417

ACB-2  
3901-3

DOY  
DO -  
ADOC -  
DOY -

NNNN

JOINT MESSAGEFORM				SECURITY CLASSIFICATION NUMBER 0			
UNCLASSIFIED							
PAGE	DRAFTER OR RELEASER TIME	PRIORITY ACT	INFO	LMF	CLASS	CIC	FOR MESSAGE CENTER/COMMUNICATIONS CENTER ONLY
01 of 01		RR			UUUU		
BOOK YES	MESSAGE HANDLING INSTRUCTIONS						DATE * TIME MONTH YR
							29/1800Z NOV 73
<p>FROM: 3901STRATMSLEVALSQ VANDENBERG AFB CALIF/CC</p> <p>TO: CINCASAC OFFUTT AFB NEBR/LGTX</p> <p>INFO: CINCASAC OFFUTT AFB NEBR/ACBO</p> <p>CINCASAC OFFUTT AFB NEBR/DOTM</p> <p>UNCLAS</p> <p>SUBJ: VEHICLE RENTAL FOR EVALUATION VISITS. REFERENCE 3901SMES/CC MSG 062200Z SEP 73 AND CINCASAC/ACBO MSG 051436Z OCT 73.</p> <p>1. REFERENCED 3901SMES/CC MSG REQUESTED A \$10,000 OBA FOR CONTRACT VEHICLES REQUIRED FOR EVALUATION TRIPS. REFERENCED CINCASAC/ACBO MSG INCREASED OUR ANNUAL PROGRAM FOR THESE VEHICLES TO \$8,000.</p> <p>2. FOR THE FIRST SIX MONTHS OF THE FISCAL YEAR, WE HAVE SPENT OR OBLIGATED IN EXCESS OF \$5,000 FOR VEHICLE USE DURING EVALUATION VISITS. BASED ON EXPERIENCE GAINED DURING THIS PERIOD, WE FEEL THAT AN ANNUAL PROGRAM OF \$11,000 WILL BE NEEDED TO MEET OUR REQUIREMENTS. REQUEST THAT OUR ANNUAL PROGRAM BE INCREASED BY \$3,000 TO \$11,000.</p> <p>3. THIS IS A COORDINATED 3901SMES/CC AND 4392ASG/ACB MESSAGE.</p>							
DISTR:							
DRAFTER TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE				SPECIAL INSTRUCTIONS			
WILLIAM A. SCANLON, CAPT., DOY/6750							
TYPED NAME, TITLE, OFFICE SYMBOL AND PHONE							
ROBERT J. TORMEY, 2dLt, DA/5852							
SIGNATURE							
ned							
				SECURITY CLASSIFICATION			
				UNCLASSIFIED			

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DD FORM 173  
1 JUL 68

REPLACES DD FORM 173, 1 NOV 63 AND DD FORM 173-1, 1 NOV 63, WHICH WILL BE USED IN THE USAF.

GPO 445-15-01432-1 431-413

5 Dec 73 15 17

EXHIBIT NUMBER 7

ACTION 1 1

ACB - 2 15

3901 - 3 43

(3)

RTTLZYUW RUMTEKA5546 3391515-0000-RRUWJSLA;  
ZNR 00000  
R 351400Z DEC 73  
FM CINCSAC, OFFUTT AFB NEBR/ACBD  
TO RUMJSLA/1STRAD VANDENBERG AFB CALIF/ACB  
RUMJSLA/3901SMES VANDENBERG AFB CALIF/CC

DC  
CC

BT  
UNCLAS  
SUBJECT: VEHICLE RENTAL FUNDS; (REF 3901SMES 291800Z  
NOV 73, NOTAL 1STRAD); OBAD NUMBER SEVEN (7) DATED  
18 DEC 73, WILL INCLUDE AN INCREASE OF \$3,000 TO YOUR  
ANNUAL PROGRAM IN PE 110907 BRIC 432. THESE FUNDS ARE  
PROVIDED TO SUPPORT THE VEHICLE RENTAL REQUIREMENT  
OF 3901 SMES DURING THEIR EVALUATION VISITS,  
BT  
#5546

NNNN

SAC FORM 64 FEB 73 REVISED

COORDINATION AND FILE COPY

EXHIBIT NUMBER 8

CC

14 DEC 1973

FY 1975 Operations Operating Budget (OOB)

4392ASG/ACB

In response to your letter of 10 December, same subject, and your letter of 10 December, subject: FY75 Contract Vehicles (30015755), the requested information concerning our FY75 OOB requirements follows:

EEIC	Description	FY74 Approved	FY75 Requirements
408.50	Admin TDY - Transportation	\$ 40,000	\$ 42,000
409.50	Admin TDY - Per Diem	100,000	103,000
432	Rental of Passenger Motor Vehicles	11,000	11,000
	Total TDY Expenses	\$151,000	\$156,000

All travel is in direct support of the 30015755 mission. The requirements reflect a \$5,000 increase in transportation and per diem requirements, due primarily to increased activity in support of missile trainer procurement and installation. Contract vehicles were required at five of the nine operational bases evaluated during the first half of FY74, at an average cost of \$1,004 per trip. We use an average of eight rental vehicles per trip, at an average cost of \$126 per vehicle. Our estimated total cost for rental vehicles for the first half of FY74 is \$5,000.

609 General Support Supplies \$12,600 \$15,000

In addition to office supplies and cleaning equipment, the \$15,000 estimate includes items of low cost protective and safety equipment (parkas, safety shoes, etc.) that are required to properly clothe our evaluators. We must outfit approximately 50 individuals per year (our average turnover is one third of the 150 man squadron per year) at an average cost of \$225 per man.

628 General Support Expensed Equipment \$7,500 \$7,000

RETURN TO:	OFFICE SYMBOL	ORIGINATOR'S NAME AND GRADE	PHONE NO.	EXTENSION	DATE TYPED	FILED
	DOY	Capt Scanlon	6750	bej	14Dec73	NR



EXHIBIT NUMBER 8

A portion of these funds is required to equip evaluators with mission essential flight equipment costing in excess of \$40 per unit. Based upon our average turnover, we estimate this cost to be \$2,500 per year. The remaining funds are required for other items of equipment, such as additional desks, file cabinets and for replacement for worn out typewriters.

Signed

WILLIAM H. SANDS, Colonel, USAF  
Commander

3301st SMS PERSONNEL TDY FORECAST						MONTH OCTOBER 1973					
GRADE AND LAST NAME	OFF SYM	ITINERARY	INCLUSIVE DATES	TRIP NUMBER AND SPECIFIC PURPOSE/AUTHORITY	DIR AGCY	TRANSP MODE	GOVT QTRS	PD COST	TRVL COST	GSA COST	E A
		F.E. Warren AFB, WY	9-20 Oct	Evaluation Visit		GP		5958. <sup>00</sup>	92. <sup>00</sup>	626. <sup>00</sup>	A
		Little Rock AFB, AR	29 Oct - 9 Nov	Evaluation Visit		GP		4477. <sup>00</sup>	129. <sup>00</sup>	1214. <sup>00</sup>	A
1	Maj Williams	DOVT Offutt AFB, NE	1-5 Oct	DO 74-15 Standardization Trng Con.	DO	MP	YES	61. <sup>00</sup>	0		A
2	Capt Knapp	DOVM Norton AFB, CA	1-4 Oct	DO 74-16 Wg VI CDB Meeting	DO	PA	YES	30. <sup>00</sup>	31. <sup>00</sup>		A
3	MSgt Jensen	DOM Seattle, WA	1-5 Oct	DO 74-17 PDR Meeting/ECP 1391 SANSO/ANTR Tele. 27Sep73	DO	CP	NO	111. <sup>00</sup>	17. <sup>00</sup>	14. <sup>00</sup>	A
4	TSgt Gates	DOM Seattle, WA	1-5 Oct	Same as Item #3	DO	CP	NO	112. <sup>00</sup>	17. <sup>00</sup>		A
5	Col Brown	DOV Offutt AFB, NE	1-5 Oct	DO 74-14 Standardization Trng Con.	DO	MP	YES	61. <sup>00</sup>	0		A
6	Maj Burba	DOVM Offutt AFB, NE	1-5 Oct	Same as Item #5	DO	MP	YES	61. <sup>00</sup>	0		A
7	Capt Oliverio	LGMSE Offutt AFB, NE	8-12 Oct	LGM 74-28 CE Eval Program SACH 23-5	LGM	CP	YES	97. <sup>00</sup>	120. <sup>00</sup>		A
8	TSgt Smith	LGM Seattle, WA	8-13 Oct	LGM 74-31 SEM Tech Data Review SAC/IV WM 212032Z Sep 73	LGM	CP	NO	153. <sup>00</sup>	171. <sup>00</sup>	37. <sup>00</sup>	A
9	Col Sands	CC Offutt AFB, NE	8-12 Oct	CC 74-07 Coordinate Eval Programs SACH 23-5	CC	CP	YES	90. <sup>00</sup>	170. <sup>00</sup>		A
MOB 16,000				EVALUATION - 1161. <sup>00</sup>	TOTAL			1531. <sup>00</sup>	2265. <sup>00</sup>	129. <sup>00</sup>	A
				SIC SUPPORT - 3935. <sup>00</sup>							
				TOTAL - 15086. <sup>00</sup>							

3301 SMS FORM 2 REVISION OCT 72

NO OF 16 NOV 73

CAPITAL NUMBER 9

3901st SMS PERSONNEL TDY FORECAST								MONTH				
								OCTOBER 1973				
GRADE AND LAST NAME	OFF SYM	ITINERARY	INCLUSIVE DATES	TRIP NUMBER AND SPECIFIC PURPOSE/AUTHORITY	DIR AGCY	TRANSP MODE	GOVT QTRS	PD COST	TRVL COST	6SA COST	E A	
0 TSgt Roach	-LGMF	Seattle, WA	9-13 Oct	LGM 74-32 Mech MGE Spt Requirements SANSO 191530Z Sep 73 DO 74-18	LGM	CP	NO	112. <sup>00</sup>	171. <sup>00</sup>	12. <sup>00</sup>	A	
1 MSgt Jensen	-DCM	Birmingham, AL	9-13 Oct	Tech Review Prgm Meeting SANSO 261630Z Sep 73	DO	CP	NO	87. <sup>00</sup>	283. <sup>00</sup>		A	
2 TSgt Miller	-DCM	Birmingham, AL	9-13 Oct	Same as Item #11	DO	CP	NO	87. <sup>00</sup>	283. <sup>00</sup>		A	
3 TSgt Roach	LGMF	Los Angeles, CA	17-20 Oct	LGM 74-34 Wing VI trainer require. SANSO/DEB 042150Z Oct 73	LGM	PA	NO	64. <sup>00</sup>	22. <sup>00</sup>		A	
4 Maj Thompson	EGVM-	Seattle, WA	22-25 Oct	DO 74-19 SSAS DSAP Review SAC/NSA/OCAMA Meeting	DO	CP	NO	74. <sup>00</sup>	143. <sup>00</sup>	10. <sup>00</sup>	A	
5 TSgt Padgett	-LGMFM	Seattle, WA	23-26 Oct	LGM 74-33 MM Wpn Sys Safety Meet. SAC 191837Z Sep 73	LGM	CP	NO	26. <sup>00</sup>	143. <sup>00</sup>	20. <sup>00</sup>	A	
6 SSgt Boykin	-GMA	Offutt AFB, Neb	14-17 Oct	First hand on condition	LGM	GP	NO	64. <sup>00</sup>	0		A	
17 TSgt Jenkins	-LGMFM	Anaheim, CA	23-25 Oct	LGM 74-35 DPR Mtg on C-607 Cplr By dir LGM	LGM	CP	NO	67. <sup>00</sup>	47. <sup>00</sup>	26. <sup>00</sup>	A	
8 Capt Cooper, LW	DOM	F E WARREN AFB	28 Oct - 2 Nov 73	DO 74-20 Fin Chkout for ECPI311 Boeing ltr & SACM 23-5	DO	CP	YES	74. <sup>00</sup>	196. <sup>00</sup>		A	
9 TSgt Gates, PC	DOM	F E WARREN AFB	SAME	DO 74-20 Fin Chkout for ECPI311 Boeing ltr & SACM 23-5	DO	CP	YES	58. <sup>00</sup>	196. <sup>00</sup>		A	
0 MSgt Jensen, JM	DOM	Norton AFB, CA	29-30 Oct 73	DO ProbS lvgMtg BlockEOP CINCSAC Msg 241638Z Oct	DO	FA	YES	9. <sup>00</sup>	31. <sup>00</sup>		A	
EVALUATION - SAC SUPPORT - TOTAL							TOTAL					

3901 SMS FORM 2 REVISED  
OCT 72

EXHIBIT NUMBER 9

3001st SMS PERSONNEL TDY FORECAST										MONTH		
										NOVEMBER 1973		
GRADE AND LAST NAME	OFF SYM	ITINERARY	INCLUSIVE DATES	TRIP NUMBER AND SPECIFIC PURPOSE/AUTHORITY	DIR AGENCY	TRNSP MODE	GOVT QTRS	PD COST	TRVL COST	GSA COST	E A	
		GRAND FORKS	5 - 16 Nov	Evaluation Visit		GP		585.00	0	465.00	A	
		MCCONNELL	25 Nov - 7 Dec 73	Evaluation Visit		GP		442.00	108.00	0	A	
		WHITEMAN	26 Nov - 7 Dec 73	Evaluation Visit		GP		382.00	116.00	0	A	
1		Capt W. A. Neighbors	5 - 9 Nov 73	LGM 74-37 Command Conference CINCAC LGW 141338Z Sep 73	LGM	GP	YES	64.00	0		A	
2		SSMgt Norman R. Bean	7 - 11 Nov 73	DO 74-21 MIRAS Conference CINCAC/LGEM 122134Z Oct 73	DO	CP	YES	29.00	322.00		A	
3		SSgt Bruce S. Hopke	11 - 17 Nov 73	LGM 74-40 TechAccepDemo ECP1301-2&3 SACM23-5, SAMSOMsg312332Z Oct 73	LGM	CP	NO	158.00	40.00	38.00	A	
1		SSgt Gail L. Arnold	11 - 17 Nov 73	Same as item 3	LGM	CP	NO	158.00	40.00		A	
5		TSgt Jackie G. Roach	11 - 17 Nov 73	LGM 74-39 Attend Wg III Launch Fac M23-5, SAMSOMsg313132Z Oct 73	LGM	CP	NO	137.00	202.00		A	
6		MSgt John A. DeMatteis	11 - 17 Nov 73	Same as item 5.	LGM	CP	NO	162.00	141.00	19.00	A	
7		Capt McKee	12-16 Nov	LGM 74-36 ICBM Training Conference CINCAC/LGRA Ltr. 25 Sep 73	LGM	MP	YES	63.00	117.00		A	
8		MSgt Skelton	12-16 Nov	Same as Item #7	LGM	MP	YES	33.00	117.00		A	
MOD 16,000			EVALUATION - 13709.00		SAC SUPPORT - 2255.00		TOTAL		485.00	1213.00	57.00	A
			TOTAL - 15964.00		CONF. VEHICLE 465.00 (2)							

EXHIBIT NUMBER 10

3001 SMS FORM 2 REVISED OCT 72

AS OF 30 DEC 73







EXHIBIT NUMBER 12

DEPARTMENT OF THE AIR FORCE  
 3901ST STRATEGIC MISSILE EVALUATION SQUADRON (SAC)  
 VANDENBERG AIR FORCE BASE, CALIFORNIA 93437



REPLY TO  
 ATTN OF: DOY

8 JAN 1974

SUBJECT: FY74 Budget

TO: HO

Following are the estimates for 3901SMES TDY expenditures for the period 1 January through 30 March 1974.

Evaluation Visits

SAC Staff Support

<u>Base</u>	<u>Est. Expense</u>	<u>Month</u>	<u>Est. Expense</u>
Minot	\$ 5,000	January	\$ 6,000
Davis-Monthan	3,000	February	7,000
F. E. Warren	1,500	March	5,000
Ellsworth	4,500		
McConnell	4,500		
Whiteman	4,000		
Contract Vehicles	2,500		
Sub-Totals	<u>\$19,000</u>		<u>\$18,000</u>
		Grand Total	<u>\$47,000</u>

*J. M. Strickland*  
 J. M. STRICKLAND, Colonel, USAF  
 Deputy Commander for Operations

Peace . . . in our Profession



EXHIBIT NUMBER 28

## FISCAL YEAR 1974

## REENLISTMENT RATES AS OF 31 OCT 1973

## FIRST TERM

UNIT	OCT 1973			ACCUMULATED		
	ELIG	REENL	%	ELIG	REENL	%
4392 ASG	1	0	---	11	2	18.2%
4392 CANS	0	0	---	2	0	---
4392 CES	4	2	50.0%	27	12	44.4%
4392 SFG	1	0	---	10	0	---
4392 SS	2	2	100.0%	6	4	66.4%
4392 TS	1	1	100.0%	8	4	50.0%
394 SMS	0	0	---	3	2	66.6%
392 CS	5	2	40.0%	21	7	33.6%
1 STRAD	0	0	---	1	1	100.0%
USAF HOSP	1	0	---	4	2	50.0%
TC SAC UNITS	15	7	46.6%	93	34	36.5%
6596 IS	5	4	80.0%	7	4	57.0%
4315 CCTS	1	0	---	3	1	33.3%
3901 SMES	0	0	---	3	1	33.3%
2055 CS	2	1	50.0%	6	3	50.0%
1369 PS	3	1	33.3%	17	6	35.5%
775 RS	1	1	100.0%	1	1	100.0%
10 ADS	0	0	---	4	0	---
Det 30, 6W3	0	0	---	3	1	33.3%
SANTEC Units	0	0	---	1	0	---
OLAA Det 6	1	0	---	1	0	---
BASE TOTAL	28	14	50.0%	139	51	36.6%

## EXHIBIT NUMBER 28

FISCAL YEAR 1974  
 REENLISTMENT DATA AS OF 31 OCT 1973  
 SECOND TERM

UNIT	OCT 1973 ELIG	REENL	%	ELIG	ACCUMULATED REENL	%
4392 ASG	0	0	---	2	2	100.0%
4392 CANS	0	0	---	0	0	---
4392 CES	0	0	---	6	3	50.0%
4392 SPS	0	0	---	2	2	100.0%
4392 SS	0	0	---	0	0	---
4392 TS	0	0	---	2	1	50.0%
394 SMS	1	0	---	8	6	75.0%
392 CS	4	3	75.0%	6	4	66.6%
1 STRAD	0	0	---	0	0	---
USAF HOSP	0	0	---	0	0	---
TOTAL SAC UNITS	5	3	60.0%	26	18	69.6%
6... IS	0	0	---	2	2	100.0%
4315 CCTS	0	0	---	0	0	---
3901 SRES	1	1	100.0%	2	1	50.0%
2055 CS	1	1	100.0%	1	1	100.0%
1369 PS	0	0	---	1	1	100.0%
775 RS	1	0	---	2	1	50.0%
10 ADS	1	1	100.0%	3	2	66.6%
Det 30, 600g	0	0	---	0	0	---
SANTEC Units	0	0	---	1	1	100.0%
BASE TOTAL	9	6	66.6%	38	27	71.1%

EXHIBIT NUMBER 28

FISCAL YEAR 1974

REENLISTMENT RATES AS OF 31 OCT 1973

CAREER AIRMEN

UNIT	OCT 1973		CAREER AIRMEN		ACCUMULATED	
	ELIG	REENL	%	ELIG	REENL	%
4392 ASG	7	7	100.0%	15	15	100.0%
4392 CMAS	0	0	---	2	2	100.0%
4392 CES	2	2	100.0%	5	5	100.0%
4392 SPS	0	0	---	4	4	100.0%
4392 SS	0	0	---	5	5	100.0%
4392 TS.	0	0	---	3	3	100.0%
394 SMS	2	2	100.0%	10	10	100.0%
392 CS	0	0	---	2	2	100.0%
1 STRAD	0	0	---	3	3	100.0%
USAF HOSP	1	1	100.0%	1	1	100.0%
TOTAL SAC UNITS	12	12	100.0%	50	50	100.0%
6596 IS	1	1	100.0%	7	7	100.0%
4315 CCTS	1	1	100.0%	2	2	100.0%
3901 SMES	1	1	100.0%	5	5	100.0%
2055 CS	0	0	---	1	1	100.0%
1369 PS	1	1	100.0%	1	1	100.0%
775 RS	0	0	---	3	3	100.0%
10 ADS	2	2	100.0%	5	5	100.0%
SAMTEC Units	2	2	100.0%	5	5	100.0%
530 FTD	1	1	100.0%	2	2	100.0%
Det 30, 6Wg	0	0	---	6	6	100.0%
Det 30, 3902SS	0	0	---	0	0	---
OIA, 3362 IS	0	0	---	1	1	100.0%
BASE TOTAL	21	21	100.0%	88	88	100.0%

EXHIBIT NUMBER 29

FISCAL YEAR 1974

REENLISTMENT RATES AS OF 30 NOV 1973  
FIRST YEAR

UNIT	NOV 1973	REENL	%	ELIG	ACCUMULATED	%
	ELIG				REENL	
4392ASG	3	2	66.2%	14	4	28.5%
4392 CAMS	0	0	---	2	0	---
4392 CES	8	5	62.5	35	17	48.5%
4392 SPS	5	2	40.0%	15	2	13.3%
4392 SS	1	1	100.0%	7	5	71.4%
4392TS	5	3	30.0%	13	7	53.8%
394 SMS	4	1	25.0%	7	3	42.8%
392 CS	7	1	14.2%	28	8	32.1%
1 STRAD	1	0	---	2	1	50.0%
USAF HOSP	1	0	---	5	2	40.0%
TOTAL SAC UNITS	35	15	42.8	128	49	37.9%
6596 IS	2	2	100.0%	9	6	66.6%
4315 CCTS	0	0	---	3	1	33.3%
3901 SMES	0	0	---	3	1	33.3%
2055 CS	0	0	---	6	3	50.0%
1369 PS	3	0	---	20	6	30.0%
775 RS	0	0	---	1	1	100.0%
10 ADS	2	1	50.0%	6	1	16.6%
Det 30, 6WWg	0	0	---	3	1	33.3%
SAMTEC Units	0	0	---	1	0	---
OLAA, Det 6	1	0	---	2	0	---
BASE TOTAL	43	18	44.4%	182	69	32.4%

EXHIBIT NUMBER 28

FISCAL YEAR 1974

REENLISTMENT RATES AS OF 30 NOV 1973  
SECOND TERM

UNIT	NOV 1973	REENL	%	ELIG	ACCUMULATED	%
	ELIG				REENL	
4392 ASG	0	0	---	2	2	100.0%
4392 CAMS	0	0	---	0	0	---
4392 CES	1	1	---	7	4	57.1%
4392 SPS	0	0	---	2	2	100.0%
4392 SS	1	1	100.0%	1	1	100.0%
4392 TS	0	0	---	2	1	50.0%
394 SMS	2	2	100.0%	10	8	80.0%
392 CS	3	3	100.0%	9	7	77.7%
1 STRAD	0	0	---	0	0	---
USAF HOSP	0	0	---	0	0	---
TOTAL SAC UNITS	7	7	100.0%	33	25	75.7%
6596 IS	1	1	100.0%	3	3	100.0%
4315 CCTS	0	0	---	0	0	---
3901 SPES	1	0	---	3	1	33.3%
2055 CS	0	0	---	1	1	100.0%
1369 PS	0	0	---	1	1	100.0%
775 RS	0	0	---	2	1	50.0%
10 ADS	0	0	---	3	2	66.6%
Det 30, 6WWg	1	1	100.0%	1	1	100.0%
SAMTEC Units	0	0	---	1	1	100.0%
BASE TOTAL	10	9	90.0%	48	36	75.0%

EXHIBIT NUMBER 29

FISCAL YEAR 1974

## REENLISTMENT RATES AS OF 30 NOV 1973

## CAREER AIRMEN

UNIT	NOV 1973	REENL.	%	ELIG	ACCUMULATED	%
	ELIG				REENL.	
4392 ASG	3	3	100.0%	18	18	100.0%
4392 CAMS	1	1	100.0%	3	3	100.0%
4392 CES	2	2	100.0%	7	7	100.0%
4392 SPS	1	0	---	5	4	80.0%
4392 SS	1	1	100.0%	6	6	100.0%
4392 TS	0	0	---	3	3	100.0%
394 SMS	3	3	100.0%	13	13	100.0%
392 CS	2	2	100.0%	4	4	100.0%
1 STRAD	1	1	100.0%	4	4	100.0%
USAF HOSP	0	0	---	1	1	100.0%
TOTAL SAC UNITS	14	13	92.8%	64	63	97.9%
6596 IS	2	2	100.0%	9	9	100.0%
4315 CCTS	1	1	100.0%	3	3	100.0%
3901 SMES	2	2	100.0%	7	7	100.0%
2055 CS	0	0	---	1	1	100.0%
1369 PS	4	4	100.0%	5	5	100.0%
775 RS	0	0	---	3	3	100.0%
10 ADS	3	3	100.0%	8	8	100.0%
SAMTED UNITS	2	2	100.0%	7	7	100.0%
530 FTD	0	0	---	2	2	100.0%
Det 30, 6WWg	2	2	100.0%	8	8	100.0%
Det 30, 3902SS	0	0	---	0	0	---
OIA, 3362 IS	0	0	---	1	1	100.0%
BASE TOTAL	30	29	96.6%	118	117	99.1%

EXHIBIT NUMBER 30

FISCAL YEAR 1974

REENLISTMENT RATES AS OF 31 DEC 1973  
FIRST TERM

UNIT	DEC 1973			ELIG	ACCUMULATED	
	ELIG	REENL	%		REENL	%
4392 ASG	3	2	66.6%	17	6	35.2%
4392 CAMS	1	0	---	3	0	---
4392 CES	8	5	62.5%	43	22	51.1%
4392 SPS	4	0	---	19	2	10.5%
4392 SS	0	0	---	7	5	71.4%
4392 TS	4	0	---	17	7	41.1%
394 SMS	8	2	25.0%	15	5	33.3%
392 CS	6	1	16.6%	34	9	26.4%
1 STRAD	0	0	---	2	1	50.0%
USAF Hosp	5	2	40.0%	10	4	40.0%
TOTAL SAC UNITS	39	12	30.7%	167	61	36.5%
6596 IS	2	2	100.0%	11	8	72.7%
4315 CCTS	0	0	---	3	1	33.3%
3901 SMES	0	0	---	3	1	33.3%
2055 CS	1	0	---	7	3	42.8%
1369 PS	9	1	11.1%	29	7	24.2%
775 RS	1	0	---	2	1	50.0%
10 ADS	3	3	100.0%	9	4	44.4%
Det 30, 6WWg	0	0	---	3	1	33.3%
SAMTEC UNITS	1	0	---	2	0	---
OLAA, Det 6	0	0	---	2	0	---
BASE TOTAL	56	18	32.1%	238	87	36.5%



EXHIBIT NUMBER 90

FISCAL YEAR 1974

REENLISTMENT RATES AS OF 31 DEC 1973  
SECOND TERM

UNIT	DEC 1973			ACCUMULATED		
	ELIG	REENL	%	ELIG	REENL	%
4392 ASG	3	3	100.0%	5	5	100.0%
4392 CAMS	0	0	---	0	0	---
4392 CES	2	2	100.0%	9	6	66.6%
4392 SPS	0	0	---	2	2	100.0%
4392 SS	0	0	---	0	0	---
4392 TS	0	0	---	2	1	50.0%
394 SMS	1	0	---	11	8	72.7%
392 CS	1	1	100.0%	10	8	80.0%
1 STRAD	0	0	---	0	0	---
USAF Hosp	1	0	---	1	0	---
TOTAL SAC UNITS	8	6	75.0%	40	30	75.0%
6596 IS	1	1	100.0%	4	4	100.0%
4315 CCTS	0	0	---	0	0	---
3901 SMES	1	1	100.0%	4	2	50.0%
2055 CS	0	0	---	1	1	100.0%
1369 PS	0	0	---	1	1	100.0%
775 RS	0	0	---	2	1	50.0%
19 ADS	1	1	100.0%	4	3	75.0%
Det 30, 6Wg	0	0	---	1	1	100.0%
SAMTEC UNITS	0	0	---	1	1	100.0%
BASE TOTAL	11	9	81.8%	58	44	75.0%

EXHIBIT NUMBER 30

FISCAL YEAR 1974REENLISTMENT RATES AS OF 31 DEC 1973  
CAREER AIRMEN

UNIT	DEC 1973			ELIG	ACCUMULATED	
	ELIG	REENL	%		REENL	%
4392 ASG	2	2	100.0%	20	20	100.0%
4392 CAMS	0	0	---	3	3	100.0%
4392 CES	2	2	100.0%	9	9	100.0%
4392 SPS	1	1	100.0%	6	5	83.3%
4392 SS	0	0	---	6	6	100.0%
4392 TS	0	0	---	3	3	100.0%
394 SMS	7	7	100.0%	20	20	100.0%
392 CS	1	1	100.0%	5	5	100.0%
1 STRAD	1	1	100.0%	5	5	100.0%
USAF Hoop	2	2	100.0%	3	3	100.0%
TOTAL SAC UNITS	16	16	100.0%	80	79	98.7%
6596 IS	1	1	100.0%	10	10	100.0%
4315 CCTS	1	1	100.0%	4	4	100.0%
3901 SMES	3	3	100.0%	10	10	100.0%
2055 CS	0	0	---	1	1	100.0%
1369 PS	1	1	100.0%	6	6	100.0%
775 RS	0	0	---	3	3	100.0%
10 ADS	6	6	100.0%	14	14	100.0%
SAMTEC UNITS	2	2	100.0%	9	9	100.0%
530 FTD	0	0	---	2	2	100.0%
Det 30, 3902 SS	0	0	---	0	0	---
Det 30, 644g	1	1	100.0%	9	9	100.0%
OLA, 3362 IS	0	0	---	1	1	100.0%
BASE TOTAL	31	31	100.0%	149	148	99.9%

RETURN TO  
Historical Research Division  
AF 1112  
Maxwell AFB, AL 36112

PROJECT CORONA HISTORY  
REPORT NUMBER  
No. \_\_\_\_\_

Quarterly History  
4677 Defense Systems Evaluation  
Apr - Sep 71

3-6319-15  
000310

Approved for Release  
71714, Andrews Ranch  
Lowell AFB, Alabama

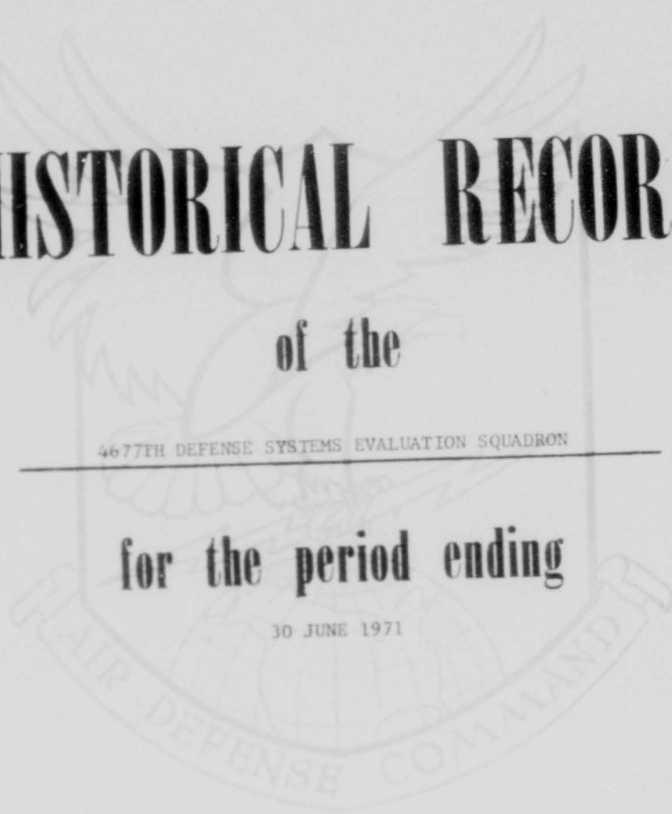
# HISTORICAL RECORD

of the

4677TH DEFENSE SYSTEMS EVALUATION SQUADRON

for the period ending

30 JUNE 1971



SHIELD of FREEDOM

3-6319-15  
900310

ADC FORM 102 JUL 64

REPLACES ADC FORM 102, FEB 64, WHICH WILL BE USED UNTIL STOCKS ARE EXHAUSTED. MAY 66 EDITION IS OBSOLETE.

Use ADC Form Printing Plant  
20 Air Command

Section I.		REQUIRED DATA			
1. UNIT AND LOCATION 4677th Def Sys Eval Sq (ADC) Hill AFB, Utah 84401		2. NAME AND GRADE OF COMMANDER GEORGE W. CAP, Colonel, USAF			
3. CHAIN OF COMMAND (Superior Echelons) ADC USAF					
4. SUBORDINATE UNITS (Down to and including squadrons) 4677DSES, Detachment #1 Holloman AFB, NM					
5. MISSION (Give authority and brief statement of primary mission) Authority: ADC Reg 23-57  To develop, train, maintain and operate a target force capable of simulating an aggressor force for air defense evaluations, inspections and exercises and to provide aircraft for radar evaluation purposes.					
6. PERSONNEL					
		OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED		79 (3)	258 (27)	7	374
ASSIGNED		71 (7)	251 (29)	7	365
*Figures in parentheses are Det #1 (Holloman AFB) personnel					
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)					
EB-57E		8			
EB-57B		6			
B-57E		3			
EB-57A		10			
B-57C		1			
TOTAL		28			

Section II.

PART A. This part should include are: (1) operational performance; (4) facilities; subjects bearing on mission.

Operations:

During the second hours that were B-57 crews for S devoted to Phase quarter. An A m Great Salt Lake event, an E mode As a result of t imposed on them. the major electr

Deployment

Saga 23-71  
Falling Brave 71  
Feathered Brave  
Feudal Brave 71  
Snow Time Alpha  
84th FIS  
190th FIS  
194th FIS  
196th FIS  
318th FIS  
24 AD  
25 AD  
26 AD  
US Army  
147 CCTS  
Felix Brave 71-  
Fabric Brave 71  
Fabric Brave 71  
Fencing Brave 71  
5th FIS  
116th FIS  
25 AD  
26 AD  
US Army  
147 CCTS  
Snow Time Alpha  
Fencing Brave 71  
Saga 48-71  
Amalgam Arrow  
Feudal Chief 71  
23 AD  
24 AD  
25 AD  
US Army  
147 CCTS

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

(If more space is needed)



Section II.

COMMENTARY (Continued)

PART B: This part should include a list of key personnel and information on: (1) community relations; (2) awards and decorations; (3) morale; (4) any other subjects the commander may wish to include.

(If more space is needed, continue on blank sheets, size 8 x 10<sup>1/2</sup>, numbered and securely attached hereto.)

PREPARED BY (Typed name and grade of Historian)

DAVID G. LOEB, Captain, USAF

APPROVED BY (Typed name and grade of Commander)

SIGNATURE

SIGNATURE



# HISTORICAL RECORD

of the

4677TH DEFENSE SYSTEMS EVALUATION SQUADRON

for the period ending

30 SEPTEMBER 1971

FORM  
ADC JUL 69 102

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

I. REQUIRED DATA																
1. UNIT AND LOCATION 4677th Def Sys Eval Sq (ADC) Hill AFB, Utah 84401	2. NAME AND GRADE OF COMMANDER PAUL R. PIIT, Colonel, USAF															
3. CHAIN OF COMMAND (Superior echelons) ADC USAF																
4. SUBORDINATE UNITS (Down to and including squadrons) 4677th DSES, Detachment #1 Holloman AFB, NM																
5. MISSION (Give authority and brief statement of primary mission) Authority: ADC Reg 23-57  To develop, train, maintain and operate a target force capable of simulating an aggressor force for air defense evaluations, inspections and exercises, and to provide aircraft for radar evaluation purposes.																
6. PERSONNEL																
	<table border="1"> <thead> <tr> <th></th> <th>OFFICERS</th> <th>AIRMEN</th> <th>CIVILIANS</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>AUTHORIZED</td> <td>78 (3)</td> <td>260 (28)</td> <td>7</td> <td>345 (31)</td> </tr> <tr> <td>ASSIGNED</td> <td>74 (6)</td> <td>249 (28)</td> <td>7</td> <td>330 (34)</td> </tr> </tbody> </table> <p>*Figures in parentheses are Det #1 (Holloman AFB) personnel</p>		OFFICERS	AIRMEN	CIVILIANS	TOTAL	AUTHORIZED	78 (3)	260 (28)	7	345 (31)	ASSIGNED	74 (6)	249 (28)	7	330 (34)
	OFFICERS	AIRMEN	CIVILIANS	TOTAL												
AUTHORIZED	78 (3)	260 (28)	7	345 (31)												
ASSIGNED	74 (6)	249 (28)	7	330 (34)												
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)																
EB-57E	8															
EB-57B	5															
B-57E	3															
EB-57A	8															
B-57C	1															
B-57B	1															
RB-57E	4															
TOTAL	30															
	Authorized: 28															

ii.  
This part should contain significant information include are: (1) operations and training performance; (4) facilities; (5) maintenance other subjects bearing on mission performance.

Operations:  
The third quarter of 1971 2300.0 hours scheduled, this going for 4713th and Several studies have been especially concerning pro Pending final outcome of Two RB-57A aircraft were

Deployment  
July:  
Amalgam Mute 72-1-A  
Saga 55-71  
Saga 58-71  
Saga 60-71  
123d FIS  
318th FIS  
319th FIS  
194th FIS  
460th FIS  
24th AD  
26th AD  
US Army  
147th MM  
August:  
Saga 58-71  
Felix Brave 72-1  
Falling Brave 72-1  
Saga 67-71  
Feudal Keynote 72-1  
Amalgam Mute 72-1  
2d FIS  
5th FIS  
116th FIS  
123d FIS  
190th FIS  
194th FIS  
318th FIS  
23d AD  
24th AD  
26th AD  
US Army  
US Army  
147th MM  
ADC Special 71-15  
September:  
Amalgam Arrow 72-1  
Saga 76-71  
Amalgam Mute 72-1  
5th FIS  
190th FIS  
116th FIS

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

ANDER nel, USAF
ble of simulating and exercises,
TOTAL
345 (31)
330 (34)
0 personnel

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

II. COMMENTARY		
This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 210-3 for additional guidance.		
<u>Operations:</u>		
The third quarter of 1971 saw the squadron fly 2293.0 hours out of a projected 2300.0 hours scheduled. For aircrew training, 268.9 hours were logged, most of this going for 4713th and SEA training. Phase I training utilized 249.9 hours. Several studies have been initiated with regard to the rocket ejection seat, especially concerning problems associated with its installation in the EB-57A. Pending final outcome of these investigations, all EB-57As have been grounded. Two RB-57A aircraft were flown to Davis-Monthan AFB for storage.		
<u>Deployment</u>	<u>Type of Mission</u>	<u>Flying Time</u>
<u>July:</u>		
Amalgam Mute 72-1-A	AD Evaluation	162.8
Saga 55-71	AD Exercise	35.6
Saga 58-71	AD Exercise	15.5
Saga 60-71	AD Exercise	42.1
123d FIS	Mixmaster	11.5
318th FIS	Mixmaster	11.7
319th FIS	Mixmaster	3.8
194th FIS	Mixmaster	13.7
460th FIS	Mixmaster	17.2
24th AD	Gent	29.4
26th AD	Gent	2.3
US Army	Ft Bliss	44.5
147th MM	Mixmaster	44.4
<u>August:</u>		
Saga 58-71	AD Exercise	3.3
Felix Brave 72-1	AD Exercise	45.1
Falling Brave 72-1	AD Exercise	43.5
Saga 67-71	AD Exercise	27.6
Feudal Keynote 72-1	AD Exercise	3.0
Amalgam Mute 72-1	AD Exercise	112.5
2d FIS	Mixmaster	16.7
5th FIS	Mixmaster	7.7
116th FIS	Mixmaster	12.5
123d FIS	Mixmaster	3.7
190th FIS	Mixmaster	2.8
194th FIS	Mixmaster	11.1
318th FIS	Mixmaster	9.0
23d AD	Gent	19.3
24th AD	Gent	25.6
26th AD	Gent	23.1
US Army	Ft Bliss	78.7
US Army	College Dropout	32.3
147th MM	Mixmaster	18.3
ADC Special 71-15	AD Exercise	65.6
<u>September:</u>		
Amalgam Arrow 72-1	AD Exercise	38.3
Saga 76-71	AD Exercise	52.7
Amalgam Mute 72-1	AD Exercise	120.9
5th FIS	Mixmaster	7.9
190th FIS	Mixmaster	17.0
116th FIS	Mixmaster	12.4

COMMENTARY (Continued)	
II.	Change of command was effected on 24 September 1971. Replacing Col George W. Cap was Col Paul R. Pitt. Among the awards given at the change-of-command ceremony was the Silver Star, which was awarded to Capt Neil B. Crist.
(If more space is needed, continue on blank sheets, size 8 x 10", numbered and securely attached hereto.)	
<small>PREPARED BY (Typed name and grade of Historian)</small> DAVID G. LOEB, Captain, USAF	<small>SIGNATURE</small> 
<small>APPROVED BY (Typed name and grade of Commander)</small>	<small>SIGNATURE</small>

25th AD	Gent	17.0
26th AD	Gent	9.7
US Army	Ft Bliss	71.2
US Army	College Dropout	36.6
ADC Special 71-15	AD Exercise	12.3
ADC Special ALT 13 M/M	Mixmaster	3.4
147th CCTS	Mixmaster	21.0



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K-SQ-EVAL-4077-HI
1 Oct - 31 Dec 1971

Quarterly History  
 4677 Defense Systems Evaluation Sq  
 1 Oct - 31 Dec 71

PROCESSED BY  
 No. \_\_\_\_\_

3-0898-14  
 900311



K-50-EVAL-4677-NI  
Det-Dec 1971

# HISTORICAL RECORD

of the

4677th Defense Systems Evaluation Squadron

for the period ending

31 December 1971

3-6898-14  
000311

I. REQUIRED DATA				
1. UNIT AND LOCATION 4677th Def Sys Eval Sq Hill AFB, Utah 84401		2. NAME AND GRADE OF COMMANDER Paul R. Pitt, Colonel, USAF		
3. CHAIN OF COMMAND (Superior echelons) <del>10th Air Force</del> ADC USAF				
4. SUBORDINATE UNITS (Down to and including squadrons) Det 1, 4677th DSES, Holloman AFB, NM				
5. MISSION (Give authority and brief statement of primary mission) Authority AF Reg 23-10 To develop, train, maintain and operate a target force capable of simulating an aggressor force for air defense evaluations, inspections, and exercises and to provide aircraft for radar evaluation purposes.				
6. PERSONNEL				
	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	78	260	7	345
ASSIGNED	78	260	7	345
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)				
A/C				
EB-57E	8			
EB-57B	5			
B-57E	3			
EB-57A	8*			
B-57C	1			
B-57B	1			
RB-57E	4			
TOTAL	30			
			AUTHORIZED: 28	
*These 8 aircraft on WQ status pending final action.				

II.
This part should contain significant information. It should include are: (1) operations and training; (2) personnel; (3) performance; (4) facilities; (5) maintenance; (6) other subjects bearing on mission performance.
Operations:
The final quarter of 1971 saw an appropriation of 1750. This total was only 73% of the 1970 B-57A status. This reversal was due to commitments from quarter to quarter.
<u>Deployment</u>
<u>October</u>
Felix Echo 72-1
Fabric Brave 72-1
Fertile Brave 72-2
Saga 91-71
Amalgam Mute 72-2
Fertile Keynote 72-6
5th AD
84th AD
186th AD
319th AD
460th AD
23d AD
25th AD
26th AD
Ft Bliss
College Dropout
147th AD
<u>November</u>
Amalgam Arrow 72-2
Feudal Brave 72-2
Falling Brave 72-2
84th AD
123d AD
178th AD
190th AD
194th AD
196th AD
Ft Bliss
College Dropout
Coronet Organ
147th CCTS
<u>December</u>
Amalgam Mute 72-3
Amalgam Arrow 72-3
116th AD
190th AD
318th AD
25th AD
Ft Bliss
147th CCTS

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

MANDER nel, USAF
ble of simulating , and exercises
TOTAL
345
345

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

II. COMMENTARY		
This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 210-3 for additional guidance.		
Operations:		
The final quarter of 1971 included 1774.6 hrs flown compared to an initial appropriation of 1750. The difference was requested from and granted by ADC. This total was only 73% of the previous quarterly total, primarily due to the B-57A status. This reverses a long-standing trend of increasing flying commitments from quarter to quarter.		
<u>Deployment</u>	<u>Type Mission</u>	<u>Flying Time</u>
<u>October</u>		
Felix Echo 72-1	AD Exercise	9.1
Fabric Brave 72-1	AD Exercise	34.4
Fertile Brave 72-2	AD Exercise	29.0
Saga 91-71	AD Exercise	24.9
Amalgam Mute 72-2	AD Exercise	54.7
Fertile Keynote 72-6	AD Exercise	52.9
5th AD	Mixmaster	14.8
84th AD	Mixmaster	13.1
186th AD	Mixmaster	31.5
319th AD	Mixmaster	8.9
460th AD	Mixmaster	12.4
23d AD	Gent	41.6
25th AD	Gent	8.8
26th AD	Gent	21.6
Ft Bliss	US Army	79.9
College Dropout	US Army	37.5
147th AD	Mixmaster	32.2
<u>November</u>		
Amalgam Arrow 72-2	AD Exercise	69.1
Feudal Brave 72-2	AD Exercise	47.6
Falling Brave 72-2	AD Exercise	54.9
84th AD	Mixmaster	13.9
123d AD	Mixmaster	7.1
178th AD	Mixmaster	9.8
190th AD	Mixmaster	5.5
194th AD	Mixmaster	15.5
196th AD	Mixmaster	25.2
Ft Bliss	US Army	161.3
College Dropout	US Army	36.7
Coronet Organ	USAF Exercise	31.0
147th CCTS	Mixmaster	25.1
<u>December</u>		
Amalgam Mute 72-3	AD Exercise	115.5
Amalgam Arrow 72-3	AD Exercise	10.6
116th AD	Mixmaster	3.7
190th AD	Mixmaster	13.5
318th AD	Mixmaster	5.2
25th AD	Gent	12.6
Ft Bliss	US Army	35.5
147th CCTS	Mixmaster	3.5

ii.

COMMENTARY (Continued)

(If more space is needed, continue on blank sheets, size 8 x 10 $\frac{1}{2}$ , numbered and securely attached hereto.)

PREPARED BY (Typed name and grade of Historian)

DAVID G. LOEB, Capt, USAF

SIGNATURE

*David G. Loeb*

APPROVED BY (Typed name and grade of Commander)

SIGNATURE

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CLASSIFIED	K-SQ-EVAL-4677-41
EXCLUDED	
DATE	17N-MAR 1972

History  
4677 Defence Systems Evaluation Sq  
1 Jan - 31 Mar 72

3-7121-13  
900312

K-59-EVAL-4677-NI  
JAN-DIAR 1972

# HISTORICAL RECORD

of the

4677TH DEFENSE SYSTEMS EVALUATION SQUADRON

for the period ending

31 MARCH 1972

3-721-13  
900312



I. REQUIRED DATA				
1. UNIT AND LOCATION 4677th DSES Hill AFB, Utah 84401		2. NAME AND GRADE OF COMMANDER PAUL R. PITT, Colonel		
3. CHAIN OF COMMAND (Superior echelons) ADC USAF				
4. SUBORDINATE UNITS (Down to and including squadrons) 4677th DSES, Det 1 Holloman AFB, NM 88330				
5. MISSION (Give authority and brief statement of primary mission) Authority: ADC Reg 23-57 To develop, train, maintain and operate a target force capable of simulating an aggressor force for air defense evaluations, inspections and exercises, and to provide aircraft for radar evaluation purposes.				
6. PERSONNEL				
	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	78 (3)	260 (28)	7	345 (31)
ASSIGNED	68 (7)	250 (29)	7	325 (36)
*Figures in parentheses are Det #1 (Holloman AFB) personnel.				
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)				
EB-57E	8			
EB-57B	5			
B-57E	3			
B-57C	1			
B-57B	1			
RB-57E	4			
Total	22			

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

ii. COMMENTARY		
This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 210-3 for additional guidance.		
<b>Operations:</b>		
<p>Calendar year 1972's first quarter saw the squadron fly 1935.5 hours. This was roughly 200 hours over the original schedule, the difference being flown for additional commitments. The significant happenings of the quarter included (1) retiring the 8 B-57A model aircraft to Davis-Monthan AFB for storage; (2) participation in the Air Force-wide Gallant Hand exercise and (3) participation for the first time in the College Caper program supplementing the 4713th DSES. A total of 721.9 hours was flown in support of training commitments and other non-operational requirements. A program of stress analysis is being implemented in the B-57, with data to be collected from aircraft-mounted instruments over the next six months. These data will be correlated with aircrew logs and the results used to determine actual fatigue stresses in the airframe. A breakdown of this quarter's missions follows:</p>		
<u>Deployment</u>	<u>Type Mission</u>	<u>Flying Time</u>
<u>January</u>		
Falling Brave 72-3	AD Exercise	30.8
Falling Brave 72-4	AD Exercise	33.1
Saga 5-72	AD Exercise	15.7
Felix Brave 72-2	AD Exercise	44.2
Fabric Brave 72-2*	AD Exercise	30.2
84th FIS	Mixmaster	13.7
116th FIS	Mixmaster	1.1
179th FIS	Mixmaster	15.9
194th FIS	Mixmaster	17.6
196th FIS	Mixmaster	10.7
318th FIS	Mixmaster	6.5
Ft Bliss	US Army	143.2
College Dropout	US Army	50.2
Aircrew Training	Local	115.0
<u>February</u>		
Amalgam Mute 72-4	AD Exercise	62.7
Saga 17-72	AD Exercise	29.1
Amalgam Arrow 72-4*	AD Exercise	47.6
Amalgam Mute 72-20	AD Exercise	76.0
Feathered Brave 72-3	AD Exercise	22.5
196th FIS	Mixmaster	11.7
26th AD	Gent	3.0
Ft Bliss	US Army	120.3
College Dropout	US Army	25.5
Aircrew Training	Local	123.5
<u>March</u>		
Fabric Brave 72-3	AD Exercise	33.7
Amalgam Arrow 72-5	AD Exercise	31.2
Saga 29-72	AD Exercise	30.0
84th FIS	Mixmaster	11.3
190th FIS	Mixmaster	17.2
318th FIS	Mixmaster	10.9
460th FIS	Mixmaster	13.4
Ft Bliss	US Army	65.0
College Dropout	US Army	38.4
Gallant Hand 72	AF Exercise	57.1

II. COMMENTARY (Continued)	
Tyndall AFB, FL	Special Test 28.9
College Caper (No ECM flown on College Caper)	AD Exercise 65.2
Aircrew Training	Local 146.6
*Mission CNX due to Canadian Air Controller Strike.	
<p>After long and distinguished service to the Air Force and to the 4677th DSES, Lt Col Dean A. Rydholm and Major Herbert C. Pirkey retired from the Air Force. Ceremonies were held at the Squadron.</p>	
(If more space is needed, continue on blank sheets, size 8 x 10 $\frac{1}{2}$ , numbered and securely attached hereto.)	
PREPARED BY (Typed name and grade of Majorian)	SIGNATURE
LYLE A. SENTMAN, Maj, USAF	<i>L. A. Sentman</i>
APPROVED BY (Typed name and grade of Commander)	SIGNATURE

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K-SQ-EVAL-4677-HI

JAN-DEC 1973

RETURN TO  
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Historical Research Center  
Maxwell AFB, AL 36112

3-8172-177

3-8172-179

3-8493-76

3-8734-76

900313

RETURN TO  
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Maxwell AFB, AL 36112

JAN - DEC 1973

K-SQ-EVAL-4677-HI

# HISTORICAL RECORD

of the

4677 DEFENSE SYSTEMS EVALUATION SQUADRON

for the period ending

31 MARCH 1973

FORM  
ADC JUL 69 102

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

3-8172-177  
900313

I. REQUIRED DATA																
1. UNIT AND LOCATION 4677 DSES Malmstrom AFB, Montana 59402	2. NAME AND GRADE OF COMMANDER MACK L. BRADSHAW, Colonel															
3. CHAIN OF COMMAND (Superior echelons)  24th Air Division ADC USAF																
4. SUBORDINATE UNITS (Down to and including squadrons)  4677th DSES, Det 1 Holloman AFB, New Mexico 88330																
5. MISSION (Give authority and brief statement of primary mission) Authority: AF Reg 23-9 (from ADCR 23-57)  To equip, administer, and train all assigned or attached personnel in order to provide an electronic warfare strike force for air defense system training, exercise, and evaluation. To conduct Phase I training in order to qualify pilots in the B-57 aircraft.																
6. PERSONNEL																
	<table border="1"> <thead> <tr> <th></th> <th>OFFICERS</th> <th>AIRMEN</th> <th>CIVILIANS</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>AUTHORIZED</td> <td>70</td> <td>327</td> <td>8</td> <td>405</td> </tr> <tr> <td>ASSIGNED</td> <td>71</td> <td>324</td> <td>8</td> <td>403</td> </tr> </tbody> </table>		OFFICERS	AIRMEN	CIVILIANS	TOTAL	AUTHORIZED	70	327	8	405	ASSIGNED	71	324	8	403
	OFFICERS	AIRMEN	CIVILIANS	TOTAL												
AUTHORIZED	70	327	8	405												
ASSIGNED	71	324	8	403												
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)  Aircraft: B-57E 5 B-57C 2 EB-57E 7 EB-57B 13 T-33A 3  Total 30																

II.

This part should contain significant information. It should include: (1) operations and training; (2) performance; (3) facilities; (4) maintenance; (5) major other subjects bearing on mission performance.

Operations: The third quarter of FY73 compared to an initial quarter of FY73 as compared to an initial quarter of FY73 flying time were granted in the quarter of FY73 follows:

January	Deployment
B-57	Saga 1
	Amalgam
	409 FIS
	123 FIS
	116 FIS
	190 FIS
	186 FIS
	196 FIS
	194 FIS
	24AD
	Ft Bliss
	Homestead
	Dover
	147 CC
	Non-Operational/Support
	T-33
	February
B-57	25AD
	Can D
	Mute
	Saga
	Feath
	Amalg
	Saga
	190 P
	186 P
	116 P
	Ft B
	Dove
	Los

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.



MANAGER

Colonel

Personnel in order to system training, order to qualify pilots

TOTAL
405
403

**II. COMMENTARY**

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 219-3 for additional guidance.

Operations: The third quarter of FY73 included 1532.6 hours of B-57 time flown, as compared to an initial allocation of 1500 hours. T-33 time flown was 360 hours, as compared to an initial allocation of 330 hours. Both deviations from allocated flying time were granted by ADC. A breakdown of monthly flying time for the third quarter of FY73 follows:

January	Deployment	Type Mission	Flying Time
B-57	Saga 1-73	AD Exercise	22.4
	Amalgam Mute 73-4	AD Exercise	42.1
	409 FIS	Mixmaster	9.6
	123 FIS	Mixmaster	3.9
	116 FIS	Mixmaster	10.5
	190 FIS	Mixmaster	7.5
	186 FIS	Mixmaster	26.1
	196 FIS	Mixmaster	18.3
	194 FIS	Mixmaster	14.5
	24AD	Gent	5.8
	Ft Bliss	US Army	20.0
	Homestead ADA	US Army	30.6
	Dover ADA	US Army	20.2
	147 CCTS	Operational	4.9
	Total	236.4	
<u>Non-Operational/Support</u>		Aircrew Training	93.8
		Maintenance Test	19.7
		Parts Delivery	8.3
		Administrative	9.1
		Ferry	36.9
		Phase I Training	83.1
		Total	250.9
		Grand Total	487.3
		Total	124.9
<u>T-33</u>			
<u>February</u>			
B-57	25AD	AD Evaluation	2.3
	Can Def Con	AD Evaluation	8.1
	Mute 73-20	AD Exercise	89.3
	Saga 19-73	AD Exercise	31.6
	Feathered Brave 73-4	AD Exercise	28.3
	Amalgam Arrow 73-5	AD Exercise	41.9
	Saga 17-73	AD Exercise	27.0
	190 FIS	Mixmaster	8.1
	186 FIS	Mixmaster	2.4
	116 FIS	Mixmaster	1.3
	Ft Bliss	US Army	39.9
	Dover ADA	US Army	16.8
	Los Angeles ADA	US Army	14.5
		Total	311.5

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

3-8172-177

COMMANDER  
Colonel

Personnel in order to  
system training,  
order to qualify pilots

TOTAL
405
403

II. COMMENTARY			
This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 210-3 for additional guidance.			
Operations: The third quarter of FY73 included 1532.6 hours of B-57 time flown, as compared to an initial allocation of 1500 hours. T-33 time flown was 360 hours, as compared to an initial allocation of 330 hours. Both deviations from allocated flying time were granted by ADC. A breakdown of monthly flying time for the third quarter of FY73 follows:			
<u>January</u>	<u>Deployment</u>	<u>Type Mission</u>	<u>Flying Time</u>
B-57	Saga 1-73	AD Exercise	22.4
	Amalgam Mute 73-4	AD Exercise	42.1
	409 FIS	Mixmaster	9.6
	123 FIS	Mixmaster	3.9
	116 FIS	Mixmaster	10.5
	190 FIS	Mixmaster	7.5
	186 FIS	Mixmaster	26.1
	196 FIS	Mixmaster	18.3
	194 FIS	Mixmaster	14.5
	24AD	Gent	5.8
	Ft Bliss	US Army	20.0
	Homestead ADA	US Army	30.6
	Dover ADA	US Army	20.2
	147 CCTS	Operational	4.9
	Total	236.4	
<u>Non-Operational/Support</u>			
	Aircrew Training	93.8	
	Maintenance Test	19.7	
	Parts Delivery	8.3	
	Administrative	9.1	
	Ferry	36.9	
	Phase I Training	83.1	
	Total	250.9	
	Grand Total	487.3	
	Total	124.9	
<u>T-33</u>			
<u>February</u>			
B-57	25AD	AD Evaluation	2.3
	Can Def Con	AD Evaluation	8.1
	Mute 73-20	AD Exercise	89.3
	Saga 19-73	AD Exercise	31.6
	Feathered Brave 73-4	AD Exercise	28.3
	Amalgam Arrow 73-5	AD Exercise	41.9
	Saga 17-73	AD Exercise	27.0
	190 FIS	Mixmaster	8.1
	186 FIS	Mixmaster	2.4
	116 FIS	Mixmaster	1.3
	Ft Bliss	US Army	39.9
	Dover ADA	US Army	16.8
	Los Angeles ADA	US Army	14.5
		Total	311.5

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

3-8172-177

II. COMMENTARY (Continued)			
<u>February (Cont'd)</u>	<u>Deployment</u>	<u>Type Mission</u>	<u>Flying Time</u>
<u>Non-Operational Support</u>		Aircrew Training	79.2
		Maintenance Test	9.6
		Parts Delivery	0.0
		Administrative	22.3
		Ferry	27.7
		Phase I Training	<u>12.8</u>
		Total	151.6
	Grand Total	463.1	
	Total Time	67.7	
<u>T-33</u>			
<u>March</u>			
B-57	Amalgam Mute	AD Exercise	43.1
	Saga 28-73	AD Exercise	24.0
	Amalgam Arrow 73-6	AD Exercise	33.4
	Feudal Brave 73-2	AD Exercise	37.6
	Saga 30-73	AD Exercise	21.7
	123 FIS	Mixmaster	7.5
	194 FIS	Mixmaster	9.8
	190 FIS	Mixmaster	8.1
	116 FIS	Mixmaster	12.9
	24NR	Gent	5.9
	Ft Bliss	US Army	64.7
	Los Angeles ADA	US Army	12.3
	San Francisco ADA	US Army	29.5
	147 CCTS	Operational	10.4
	Radar Mod Eval	Operational	<u>12.3</u>
		Total	333.2
<u>Non-Operational/Support</u>		Aircrew Training	71.0
		Maintenance Test	22.4
		Parts Delivery	23.2
		Administrative	19.1
		Ferry	64.9
		Phase I Training	<u>48.4</u>
		Total	249.0
	Total Time	167.4	
<u>T-33</u>			
<p>Modifications: Two major modifications to our aircraft are under way at present. The first is the IC-6 ESCAPAC Rocket Catapult Ejection System being installed by Martin-Marietta in Baltimore, Maryland. A total of 20 aircraft are to be modified. Presently, four rocket seats have been installed and one is in progress. (If more space is needed, continue on blank sheets, size 8 x 10<math>\frac{1}{2}</math>, numbered and securely attached hereto.)</p>			
PREPARED BY (Typed name and grade of Historian)		SIGNATURE	
DAMON L. COOKE, Captain		<i>Damon L. Cooke</i>	
APPROVED BY (Typed name and grade of Commander)		SIGNATURE	
MACK L. BRADSHAW, Colonel		<i>Mack L. Bradshaw</i>	

HISTORICAL RECORD OF THE 4677 DSES

## Section II (Cont'd)

Projected completion of the ESCAPAC modification is October 1973. The second modification is the AIMS/IFF AN/APX-64(V). The work is being accomplished locally by a contract depot team let by WRAMA. The company is Qualitron Aero. Presently, four aircraft have been modified and one is in progress. Projected completion of the AIMS/IFF modification is July 1973.

Facilities: Projected plans are to demolish Hangar 210 and move the 4677th Maintenance function to Hangar 1443-1445. Date of actual move has not been established as yet.

Change of Command: On 23 February 1973, Lt Col Adam B. O'Guin relinquished command of the 4677th Defense Systems Evaluation Squadron to Col Mack L. Bradshaw. Col Bradshaw's last assignment was Commander of the 778th ADGP at Havre Air Force Station, Montana.

Results of Inspections: The ADC IG Team visited the 4677th 29 January through 3 February 1973. Overall rating of the inspection was satisfactory.

Awards and Decorations:

Lt Col Leo D. Beutler, Jr. (Ret 28 Feb 73)	Air Force Commendation Medal - 3rd OLC
Lt Col Kenneth B. Blackwell	Annual Safety Award
Lt Col Edward K. Matthews	Distinguished Flying Cross
Maj Jimmy J. Hilton	Air Medal - 8th OLC
Maj James F. Tripp	Air Medal
1st Lt Dano C. Deramus	Daedalian Award
1st Lt Kenneth L. Mittendorf	Air Force Commendation Medal
TSgt Gary A. McBride	Air Force Commendation Medal
TSgt Willis A. Nettles	Air Force Commendation Medal - 1st OLC
TSgt James L. Rhyne	Air Force Commendation Medal
TSgt George R. Scott	Air Force Commendation Medal
SSgt Thomas E. Evans	Air Force Commendation Medal
SSgt Gordon E. Jacobs	Air Force Commendation Medal - 1st OLC
SSgt Vernon J. Wendt	Air Force Commendation Medal
Sgt William F. Randolph	Air Force Commendation Medal
Sgt Richard A. Schuler	Air Force Commendation Medal

Community Relations: The following tours were conducted by the 4677th Information Office in our Community Relations Program:

12 Jan 73	Montana State University ROTC Cadets
23 Jan 73	Great Falls Cub Scouts
3 Feb 73	Great Falls Boy Scouts
24 Feb 73	University of Montana ROTC Cadets
27 Mar 73	Canadian Air Cadets
31 Mar 73	Montana 4-H Club

# HISTORICAL RECORD

of the

4677 DEFENSE SYSTEMS EVALUATION SQUADRON

for the period ending

30 JUNE 1973

SHIELD OF FREEDOM

3-8172-179

ADC FORM 102  
JUL 66

REPLACES ADC FORM 102, FEB 64, WHICH WILL BE USED  
UNTIL STOCKS ARE EXHAUSTED. MAY 66 EDITION IS OBSOLETE.

No ADC Form Printing Plant  
St. Louis, Missouri

Section I. REQUIRED DATA																
1. UNIT AND LOCATION 4677 DSES, Malmstrom AFB, Montana 59402	2. NAME AND GRADE OF COMMANDER MACK L. BRADSHAW, Colonel															
3. CHAIN OF COMMAND (Superior Echelons) 24th Air Division ADC USAF																
4. SUBORDINATE UNITS (Down to and including squadrons) 4677th DSES, Det 1 Holloman AFB, New Mexico 88330																
5. MISSION (Give authority and brief statement of primary mission) Authority: AF Reg 23-9 (from ADCR 23-57)  To equip, administer, and train all assigned or attached personnel in order to provide an electronic warfare strike force for air defense system training, exercise, and evaluation. To conduct Phase I training in order to qualify pilots in the B-57 aircraft.																
6. PERSONNEL																
	<table border="1"> <thead> <tr> <th></th> <th>OFFICERS</th> <th>AIRMEN</th> <th>CIVILIANS</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>AUTHORIZED</td> <td>70</td> <td>327</td> <td>8</td> <td>405</td> </tr> <tr> <td>ASSIGNED</td> <td>71</td> <td>341</td> <td>8</td> <td>420</td> </tr> </tbody> </table>		OFFICERS	AIRMEN	CIVILIANS	TOTAL	AUTHORIZED	70	327	8	405	ASSIGNED	71	341	8	420
	OFFICERS	AIRMEN	CIVILIANS	TOTAL												
AUTHORIZED	70	327	8	405												
ASSIGNED	71	341	8	420												
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment) Aircraft: B-57E 6 B-57C 1 EB-57E 10 EB-57B 13 T-33A 3 33																

Section II. (See A)

PART A. This part should contain to include are: (1) operations and performance; (2) facilities; (3) maintenance; (4) facilities; (5) maintenance subjects bearing on mission performance.

Operations: The four flights were flown, as compared to an initial flight of 10 hours, with an initial estimated flying time was given in the fourth quarter of FY 1957.

<u>April</u>	<u>Deployment</u>
B-57	Saga Fencil Felix Saga Brave Saga 123 F 5 FIS 178 F 196 F 84 F 318 F 187 F 87 F Ft B Home Seatt 24NR
	<u>Non-Operational Support</u>
<u>T-33</u>	
<u>May</u>	Saga Saga Saga Amal Amal Fall 87 F 178 F 84 F Ft Home 147

(If more space is needed, continue on next page.)

If necessary to facilitate typing, separate by treating along fold and reassemble securely by stapling in upper left-hand corner.

## Section II.

## COMMENTARY

(See ADC Supplement I to AFR 210-3 for additional guidance)

PART A. This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes in primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance.

Operations: The fourth quarter of FY73 included 1947.0 hours of B-57 time flown, as compared to an initial allocation of 1807. T-33 time flown was 330 hours, with an initial allocation of 330 hours. The deviation from B-57 allocated flying time was granted by ADC. A breakdown of monthly flying time for the fourth quarter of FY73 follows:

<u>April</u>	<u>Deployment</u>	<u>Type Mission</u>	<u>Flying Time</u>
B-57	Saga 29-73	AD Exercise	28.3
	Fencing Brave 73-3	AD Exercise	78.5
	Felix Keynote 73-9	AD Exercise	21.7
	Saga 35-73	AD Exercise	36.4
	Brave 73-3	AD Exercise	17.8
	Saga 40-73	AD Exercise	18.8
	123 FIS	Mixmaster	15.2
	5 FIS	Mixmaster	13.5
	178 FIS	Mixmaster	12.6
	196 FIS	Mixmaster	9.2
	84 FIS	Mixmaster	19.6
	318 FIS	Mixmaster	14.6
	187 FIS	Mixmaster	2.7
	87 FIS	Mixmaster	15.4
	Ft Bliss	US Army	52.1
	Homestead ADA	US Army	12.3
	Seattle ADA	US Army	18.6
	24NR	Operational	2.0
		Total	399.3
	<u>Non-Operational Support</u>		Aircrew Tng
		Maintenance Test	14.5
		Parts Delivery	8.3
		Administrative	21.9
		Ferry	39.6
		Phase I Tng	82.8
		Total	240.5
		Grand Total	639.8
<u>T-33</u>		Total	
<u>May</u>	Saga 44-73	AD Exercise	53.1
	Saga 52-57	AD Exercise	28.2
	Saga 40-73	AD Exercise	28.4
	Amalgam Arrow 73-7	AD Exercise	33.7
	Amalgam Mute 73-6	AD Exercise	157.5
	Falling Brave 73-4	AD Exercise	44.6
	87 FIS	Mixmaster	3.6
	178 FIS	Mixmaster	9.0
	84 FIS	Mixmaster	9.5
	Ft Bliss	US Army	21.5
	Homestead ADA	US Army	33.3
	147 CCTS	US Army	7.9
		Total	430.3

(If more space is needed, continue on blank sheets, size 8 x 10, numbered and securely attached hereto.)

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

3-8172-179



Section II.		COMMENTARY (Continued)	
PART B: This part should include a list of key personnel and information on: (1) community relations; (2) awards and decorations; (3) morale; (4) any other subjects the commander may wish to include.			
<u>May (Cont'd)</u>	<u>Deployment</u>	<u>Type Mission</u>	<u>Flying Time</u>
<u>Non-Operational/ Support</u>		Aircrew Tng	76.8
		Maintenance Test	15.5
		Parts Delivery	8.0
		Administrative	17.1
		Ferry	50.5
		Phase I Tng	33.6
		Total	201.5
	Grand Total	631.8	
	Total	105.3	
<u>T-33</u>			
<u>June</u>		AD Exercise	201.1
<u>B-57</u>	Fencing Brave 73-4	AD Exercise	131.0
	Amalgam Arrow 73-8	AD Exercise	58.4
	Feudal Brave 73-3	AD Exercise	48.7
	Saga 52-73	US Army	41.1
	Ft Bliss	Total	580.3
<u>Non-Operational/ Support</u>		Aircrew Tng	61.9
		Maintenance Test	13.3
		Parts Delivery	5.0
		Administrative	7.1
		Ferry	57.1
		Phase I Tng	50.7
		Total	195.1
	Grand Total	675.4	
	Total	105.5	
<u>T-33</u>			
<u>Modifications:</u> Two major modifications to our aircraft are continuing at present. First, the IC-6 ESCAPAC Rocket Catapult Ejection System is being installed by Martin-Marietta in Baltimore, Maryland. A total of 19 aircraft have been modified to date, and one is in progress. The projected completion date for the 20 aircraft to be modified is October 1973. The second modification is the AIMS/IFF AN/APX-64(U). The work is being accomplished locally by Qualitron Aero, a contract depot team let by WRAMA. Twenty-four aircraft have been modified and two are in progress. Project completion date is July 1973.			
<u>Facilities:</u> Projected plans to demolish Hangar 210 and move the 4677th Maintenance function to Hangar 1443-1445 are still pending. The date of the move is not established.			
(If more space is needed, continue on blank sheets, size 8 x 10 $\frac{1}{2}$ , numbered and securely attached hereto.)			
PREPARED BY (Typed name and grade of Historian)		SIGNATURE	
FRANKLIN P. GIROD, JR, 1st Lt		<i>Franklin P. Girod Jr.</i>	
APPROVED BY (Typed name and grade of Commander)		SIGNATURE	
RICK L. BRADSHAW, Colonel		<i>Rick L. Bradshaw LTC</i>	

HISTORICAL REPORT OF THE 4677 DSES

Section II Cont'd

Awards and Decorations:

Capt George L. Hughey, Jr.	Air Force Commendation Medal - 1st OLC
TSgt William N. Hersey	Suggestion Award
TSgt Charles Wilson (Ret 25 May 73)	Air Force Commendation Medal
SSgt Charlie Johnson	Air Force Commendation Medal
SSgt Robert J. Kopinski	Air Force Commendation Medal
SSgt James D. Raulerson	Bronze Star
SSgt David E. Sherwood	Air Force Commendation Medal

Community Relations: The following tours were conducted by the 4677th Information Office:

4 Apr 73	NORAD Press
14 Apr 73	Montana Naval Reserve
18 Apr 73	Ft Benton 5th Grade
8 May 73	Distinguished Visitor
10 May 73	Alberta 9th Grade
14 May 73	Sunburst Mountain High School Science Class
15 May 73	Helena VoTech Electronics Class
17 May 73	North Jr High of Great Falls
18 May 73	Helena VoTech
22 May 73	Coledale Alberta/Box Elder 3rd Graders
24 May 73	Helena 8th Graders
12 Jun 73	Indonesian Officers
26 Jun 73	Helena VoTech



# HISTORICAL RECORD

of the

4677 DEFENSE SYSTEMS EVALUATION SQUADRON

for the period ending  
30 SEPTEMBER 1973

ADC FORM  
JUL 69 102

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

3-8493-76

I. REQUIRED DATA																
1. UNIT AND LOCATION 4677 DSES Malmstrom AFB, Montana 59402	2. NAME AND GRADE OF COMMANDER LEE A MONGEON, Colonel															
3. CHAIN OF COMMAND (Superior echelons) ADC/NORAD (ADC Operational Control, 24th AD Administrative Control) 24th Air Division NORAD/ADC USAF																
4. SUBORDINATE UNITS (Down to and including squadrons) 4677th DSES, Det 1 Holloman AFB, New Mexico 88330																
5. MISSION (Give authority and brief statement of primary mission) Authority: AF Reg 23-9 (from ADCR 23-57) To equip, administer, and train all assigned or attached personnel in order to provide an electronic warfare strike force for air defense system training, exercise, and evaluation. To conduct Phase I training in order to qualify pilots in the B-57 aircraft.																
6. PERSONNEL																
	<table border="1"> <thead> <tr> <th></th> <th>OFFICERS</th> <th>AIRMEN</th> <th>CIVILIANS</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>AUTHORIZED</td> <td>70</td> <td>359</td> <td>8</td> <td>437</td> </tr> <tr> <td>ASSIGNED</td> <td>70</td> <td>331</td> <td>8</td> <td>409</td> </tr> </tbody> </table>		OFFICERS	AIRMEN	CIVILIANS	TOTAL	AUTHORIZED	70	359	8	437	ASSIGNED	70	331	8	409
	OFFICERS	AIRMEN	CIVILIANS	TOTAL												
AUTHORIZED	70	359	8	437												
ASSIGNED	70	331	8	409												
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)																
Aircraft:																
B-57E	4															
B-57C	1															
EB-57E	9															
EB-57B	13															
T-33A	4															
Total	31															

ii.

This part should contain significant information. It should include: (1) operations and training; (2) personnel performance; (3) facilities; (4) maintenance; (5) maintenance performance; (6) other subjects bearing on mission performance.

Operations: The first quarter as compared to the initial quarter as compared to an initial quarter. The T-33 deviation breakdown of monthly flight hours.

Month	Deployment	Feuel	Support
July	B-57	116	190
		460	196
		178	Ft B
Non-Operational/Support			
	T-33		
	August		
	B-57	186	5 F
		460	87
		176	190
		194	190
		25	26

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

Colonel  
 ive Control)

ersonnel in order  
 e system training,  
 order to qualify

TOTAL
437
409

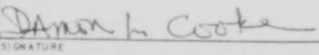

If necessary to facilitate typing, separate by teating along fold and reassemble securely by stapling in upper left-hand corner.

II. COMMENTARY

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 210-3 for additional guidance.

Operations: The first quarter of FY 74 included 1690 hours of B-57 time flown, as compared to the initial allocation of 1690 hours. T-33 time flown was 356.9 as compared to an initial allocation of 395 hours which was later reduced to 350 hours. The T-33 deviation from allocated flying time was granted by ADC. A breakdown of monthly flying time for the first quarter of FY 74 follows:

July	Deployment	Type Mission	Flying Time
B-57	Feudal Keynote 74-1	AD Exercise	17.6
	Amalgam Arrows 74-1	AD Exercise	47.9
	Amalgam Mute 74-11	AD Exercise	230.5
	116 FIS	Mixmaster	23.0
	190 FIS	Mixmaster	16.8
	460 FIS	Mixmaster	9.6
	196 FIS	Mixmaster	18.4
	178 FIS	Mixmaster	30.0
	Ft Bliss	US Army	55.2
		Total	449.0
<u>Non-Operational/Support</u>		Aircrew Training	65.2
		Maintenance Test	8.3
		Parts Delivery	0.0
		Administrative	0.0
		Ferry	24.9
		Phase I Training	26.8
		Total	125.2
		Grand Total	574.2
		Total	103.3
<u>T-33</u>			
<u>August</u>			
B-57	Feudal Brave 74-1	AD Exercise	50.6
	Saga 72-73	AD Exercise	46.2
	Saga 75-73	AD Exercise	56.0
	Amalgam Arrow 74-2	AD Exercise	45.5
	186 FIS	Mixmaster	19.4
	5 FIS	Mixmaster	5.0
	460 FIS	Mixmaster	8.6
	87 FIS	Mixmaster	7.7
	176 FIS	Mixmaster	4.6
	190 FIS	Mixmaster	15.5
	194 FIS	Mixmaster	20.6
	196 FIS	Mixmaster	13.5
	25 NR	Gent	2.6
	26 NR	Gent	7.1

II. COMMENTARY (Continued)			
August (Cont'd)	Deployment	Type Mission	Flying Time
	Ft Bliss	US Army	40.2
	Cornet Organ IX	Other Operational	35.2
	QRC-551 Test	Other Operational	17.0
		Total	395.7
<u>Non-Operational/ Support</u>		Aircrew Training	111.5
		Maintenance Test	9.6
		Parts Delivery	0.0
		Administrative	8.4
		Ferry	13.1
		Phase I Training	50.4
		Total	193.0
		Grand Total	588.7
<u>T-33</u>		Total	164.5
<u>September</u>			
<u>B-57</u>	Falling Brave 74-00	AD Exercise	60.1
	Feudal Brave 74-1	AD Exercise	179.7
	Amalgam Mute 74-13	AD Exercise	56.9
	196 FIS	Mixmaster	8.0
	25 NR	Gent	2.4
	Ft Bliss	US Army	36.0
	Homestead ADA	US Army	36.6
	QRC 551 Test	Other Operational	28.8
		Total	408.5
<u>Non-Operational/ Support</u>		Aircrew Training	66.6
		Maintenance Test	7.3
		Parts Delivery	0.0
		Administrative	9.0
		Ferry	12.2
		Phase I Training	23.5
		Total	118.6
		Grand Total	527.1
<u>T-33</u>		Total	89.1
(If more space is needed, continue on blank sheets, size 8 x 10 $\frac{1}{2}$ , numbered and securely attached hereto.)			
PREPARED BY (Typed name and grade of Historian)		SIGNATURE	
DAMON L. COOKE, Captain			
APPROVED BY (Typed name and grade of Commander)		SIGNATURE	
LEE A. MONGEON, Colonel			

HISTORICAL RECORD OF THE 4677 DSES

Section II (Cont'd)

Modifications: Two major modifications to our aircraft were completed during this quarter. The IC-6 ESCAPAC Rocket Catapult Ejection System installed by Martin-Marietta in Baltimore, Maryland was completed in September 1973. All ECM aircraft have the ESCAPAC ejection system. The AIMS/IFF AN/APX-64(V) installed locally by Qualitron Aero was completed in August 1973. All aircraft have the AIMS/IFF modification complete.

Facilities: Projected plans to demolish Hangar 210 and move the 4677th Maintenance function to Hangar 1443-1445 are pending. The date of the move is not established.

Change of Command: On 24 July 1973 Col Mack L. Bradshaw relinquished command of the 4677th Defense Systems Evaluation Squadron to Lt Col (Col Selectee) Lee A. Mongeon. Lt Col Mongeon's last assignment was with the 4713th DSES at Westover AFB, Massachusetts.

Awards and Decorations:

Lt Col Matthews, Edward K  
TSgt Biddle, James K  
TSgt Fullam, Gerald D  
TSgt Shafer, Ronald K  
TSgt Wigle, Perry E

Bronze Star  
Air Force Commendation Medal - 1st CLC  
Air Force Commendation Medal - 1st OLC  
Air Force Commendation Medal  
Air Force Commendation Medal - 1st OLC

Community Relations: The following tours were conducted by the 4677th Information Officer in our Community Relations Program:

7 Jul 73 - "Big Sky Air Force Day" - Open House  
7 Aug 73 - Great Falls High School  
26 Sep 73 - Williamette University ROTC



# HISTORICAL RECORD

of the

4677 DEFENSE SYSTEMS EVALUATION SQUADRON

for the period ending

30 DECEMBER 1973

ADC FORM 102  
JUL 69

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

3-8734-76

I. REQUIRED DATA				
1. UNIT AND LOCATION 4677 DSES Malmstrom AFB, MT 59402		2. NAME AND GRADE OF COMMANDER LEE A. MONGEON, Colonel		
3. CHAIN OF COMMAND (Superior echelons) ADC/NORAD (ADC Operational Control, 24th AD Administrative Control 24th Air Division NORAD/ADC USAF				
4. SUBORDINATE UNITS (Down to and including squadrons) 4677th DSES, Det 1 Holloman AFB, NM 88330				
5. MISSION (Give authority and brief statement of primary mission) Authority: AFR 23-9 (from ADCR 23-57) To equip, administer, and train all assigned or attached personnel in order to provide an electronic warfare strike force for air defense system training, exercise and evaluation. To conduct Phase I training in order to qualify pilots in the B-57 aircraft				
6. PERSONNEL				
	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	70	359	8	
ASSIGNED	73	361	8	
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)				
Aircraft:	B-57E	- 4		
	B-57C	- 1		
	EB-57E	- 19		
	EB-57B	- 9		
	T-33A	- 4		
TOTAL		37		

II.

This part should contain significant information. It should include: (1) operations and training; (2) personnel performance; (3) facilities; (4) facilities; (5) maintenance; (6) other subjects bearing on mission performance.

*Operations:* The second quarter compared to the initial allocation of 1420 hours due to HHQ was later allocated 697,450 hours. We completed our flying schedule. The total flight time flown was 309.8 hours as compared to a 96% success rate on evaluation. This was an excess of the flying hours. The time for the second quarter was 96% success rate on evaluation.

October	Deployment
B-57	Felix B
	Amalgam
	Saga 97
	178 FIS
	5 FIS
	186 FIS
	25 AD
	Ft Bliss
	LFI in
	EWJT
	Brave
	4713 D
	Non-Operational/Support
T-33	
November	
B-57	Amalgam
	Saga 1
	87 FIS
	84 FIS
	186 FIS
	116 FIS

*If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.*

COMMANDER

N, Colonel

Control

nel in order to provide  
ng, exercise and evalu-  
the B-57 aircraft

TOTAL

## ii.

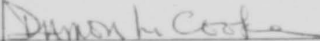
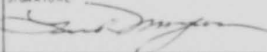
## COMMENTARY

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 210-3 for additional guidance.

Operations: The second quarter of FY 74 included 1435.7 hours of B-57 time flown, as compared to the initial allocation of 1665 hours. The initial allocation was later reduced to 1420 hours due to HHQ cancellations brought on by the fuel shortage. The squadron was later allocated 697,450 gallons of fuel to complete our assigned flying schedule. We completed our flying schedule and returned an excess of 45,018 gallons of fuel. T-33 time flown was 309.8 hours as compared to an initial allocation of 294 hours. The T-33s flew in excess of the flying hours and turned in 1,500 gallons of fuel. The squadron had a 96% success rate on evaluations and 85% on exercises. A breakdown of monthly flying time for the second quarter of FY 74 follows:

<u>October</u>	<u>Deployment</u>	<u>Type Mission</u>	<u>Flying Time</u>
B-57	Felix Brave 74-1	AD Exercise	81.1
	Amalgam Arrow 74-3	AD Exercise	71.9
	Saga 97-73	AD Exercise	142.6
	178 FIS	Mixmaster	13.1
	5 FIS	Mixmaster	5.8
	186 FIS	Mixmaster	18.2
	25 AD	Gent	14.8
	Ft Bliss	US Army	21.9
	LFI in Progress	US Army	18.5
	EW JT	Other Operational	28.6
	Brave Shield VI	Other Operational	16.7
	4713 Deploy	Other Operational	34.9
	Total	507.4	
Non-Operational/ Support		Aircrew Training	105.0
		Maintenance Test	15.0
		Parts Delivery	3.4
		Administrative	0.0
		Ferry	8.9
		Phase I Training	26.9
	Total	159.2	
	Grand Total	666.6	
T-33		Total	134.6
<u>November</u>			
B-57	Amalgam Mute 74-15	AD Exercise	83.1
	Saga 104-73	AD Exercise	53.0
	87 FIS	Mixmaster	14.3
	84 FIS	Mixmaster	17.0
	186 FIS	Mixmaster	4.2
	116 FIS	Mixmaster	3.0

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

II. COMMENTARY (Continued)			
<u>November (cont'd)</u>	<u>Deployment</u>	<u>Type Mission</u>	<u>Flying Time</u>
	190 FIS	Mixmaster	10.0
	Ft Bliss	US Army	24.3
	Norfolk ADA	US Army	24.1
	147 CCTS	US Army	21.2
	San Francisco ADA	US Army	11.9
	German Air Force	Other Operational	20.4
		Total	286.5
Non-Operational/ Support		Aircrew Training	68.8
		Maintenance Test	17.1
		Parts Delivery	0.0
		Administrative	5.3
		Ferry	33.8
		Phase I Training	0.0
		Total	125.0
		Grand Total	411.5
T-33		Total	74.1
<u>December</u>			
B-57	Saga 100-73	AD Exercise	21.7
	Felix Brave 74-2	AD Exercise	38.9
	Falling Brave 74-1	AD Exercise	82.8
	84 FIS	Mixmaster	20.3
	5 FIS	Mixmaster	20.2
	460 FIS	Mixmaster	11.8
	409 FIS	Mixmaster	12.6
	318 FIS	Mixmaster	15.4
	123 FIS	Mixmaster	7.3
	Ft Bliss	US Army	9.3
	College Dropout	US Army	6.1
	ECM Configuration Test	Other Operational	18.0
		Total	264.4
Non-Operational/ Support		Aircrew Training	56.3
		Maintenance Test	5.0
		Parts Delivery	3.8
		Administrative	6.4
		Ferry	14.2
(If more space is needed, continue on blank sheets, size 8 x 10 $\frac{1}{2}$ , numbered and securely attached hereto.)			
PREPARED BY (Typed name and grade of Historian)		SIGNATURE	
DAMON L. COOKE, Captain			
APPROVED BY (Typed name and grade of Commander)		SIGNATURE	
LEE A. MONGEON, Colonel			

HISTORICAL RECORD OF THE 4677 DSES

## Section II (Cont'd)

December (cont'd) DeploymentType MissionFlying Time

Phase I Training

7.5

Total 93.2

Grand Total 357.6

101.8

T-33

Facilities: Projected plans to demolish Hangar 210 and move the 4677th Maintenance function to Hangar 1443-1445 are expected to be completed by 1 June 1975.

Awards and Decorations:

Capt Moffitt, Michael C  
 1/Lt Humphries, Craig R  
 CMSgt Oxford, Day N.  
 CMSgt Wilson, Jess B.  
 TSgt Lewis, Everett E.  
 TSgt Rolan, Jesse R.  
 TSgt Spaulding, Orson E.

Air Medal - 11th - 14th OLC  
 Distinguished Flying Cross  
 Air Force Commendation Medal - 2d OLC  
 Air Force Commendation Medal - 1st OLC  
 Air Force Commendation Medal  
 Air Force Commendation Medal  
 Air Force Commendation Medal - 2d OLC

Community Relations: The following tours were conducted by the 4677th Information Office in our Community Relations Program:

14 Nov 73 - Lady of Lords Elementary  
 30 Nov 73 - Great Falls Elementary  
 7 Dec 73 - Headstart Students



**BLANK**

159-0000-4713-41  
Jul-Sep 1989  
RETURN TO  
AFSING  
MANVILLE AFB AL 36719

3-8575-53  
900314



APPROVED DATE	FORN TO
14 JUL 1969	
4713 EAWL 4913-142	

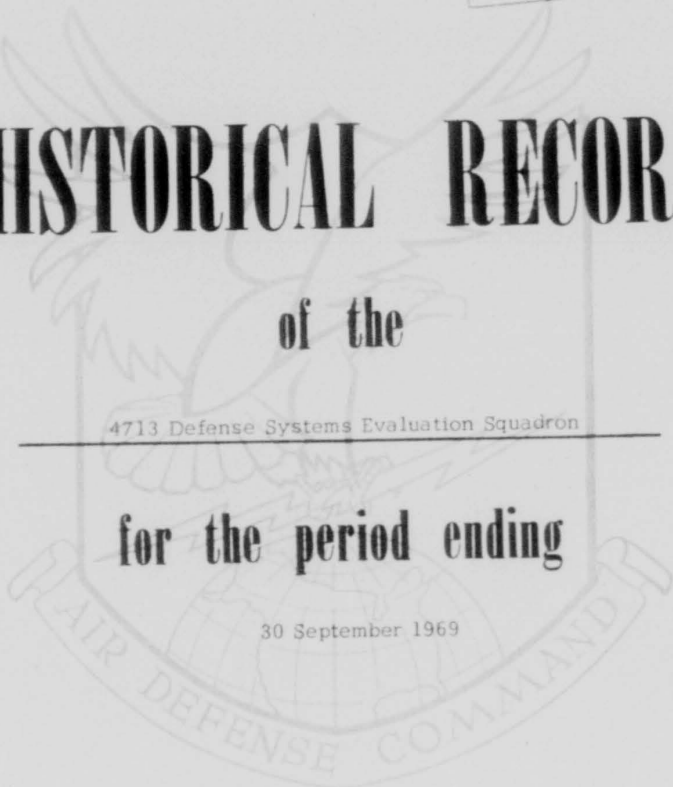
# HISTORICAL RECORD

of the

4713 Defense Systems Evaluation Squadron

for the period ending

30 September 1969



SHIELD of FREEDOM

3-8575-50  
900314

ADC FORM JUL 66 102

REPLACES ADC FORM 102, FEB 64, WHICH WILL BE USED UNTIL STOCKS ARE EXHAUSTED. MAY 58 EDITION IS OBSOLETE.

Use ADC Form Printing Plant For AFM Editions

REQUIRED DATA				
Section I.				
1. UNIT AND LOCATION 4713 Defense Systems Evaluation Squadron Stewart Air Force Base, New York		2. NAME AND GRADE OF COMMANDER ROBERT S. STEDMAN, Lt Colonel, USAF		
3. CHAIN OF COMMAND (Superior Echelons) Hq First Air Force (ADC)				
4. SUBORDINATE UNITS (Down to and including squadrons) None				
5. MISSION (Give authority and brief statement of primary mission) The mission of the 4713th Defense Systems Evaluation Squadron is to develop, train, and operate a target force capable of simulating an aggressor force for Air Defense evaluations, inspections, and exercises, and to provide aircraft for radar evaluation purposes.				
6. PERSONNEL				
	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	52	195	1	248
ASSIGNED	44	157	1	202
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment) EB-57B (4) EB-57E (10) B-57E (1)				

**COMMENTARY**

**Section II.** (See ADC Supplement I to AFR 210-3 for additional guidance)

**PART A.** This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes in primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance.

1. The squadron flew 1555.0 hours for the quarter ending 30 September 1969.

2. During this period, Detachment 1 4713DSES was deactivated. The personnel and aircraft of Det 1 departed USAFE on 30 September 1969 after flying training missions there for two years.

**GENERAL (UNCLASSIFIED):**

"Key Personnel Roster"

Lt Colonel	Robert S. Stedman	Commander
Lt Colonel	Wayne Musgrove	Air Operations Officer
Lt Colonel	William R. Mook	Asst Air Operations Officer
Lt Colonel	Kenneth L. Leonard	Strike Force I Commander
Lt Colonel	Ralph W. Stiles	Strike Force II Commander
Lt Colonel	Harry J. Watson Jr	Chief of Maintenance
Major	Sewell P. Wood	Staff Electronic Warfare Officer
Major	Charles N. Ramsey	Ch, Stan/Tng Officer
Captain	Marlin L. Sweigart	Life Support Officer
Captain	Tobin M. Rogers	Administrative Services Officer
MSgt	Norbert F. Dupre	First Sergeant

1. Personnel receiving decorations during the quarter were:

CMSgt Lawrence Spellman - Air Force Commendation Medal  
 MSgt Gordon L. Fay - Air Force Commendation Medal  
 MSgt Chester L. Rhodes - Air Force Commendation Medal  
 TSgt Tallman Cole - Air Force Commendation Medal  
 TSgt Anthony J. DeAmicis - Air Force Commendation Medal

2. The following decorations were forwarded to personnel who have departed this station PCS or were relieved from active duty:

Lt Col C.E. McDonough - Air Force Commendation Medal (2nd OLC)  
 Lt Col C.R. Strain - Air Force Commendation Medal  
 Maj J.L. Goodnight - Air Force Commendation Medal (1OLC)  
 Maj C. Pearson Jr - Air Force Commendation Medal (1OLC)  
 Capt J.H. Curtis - Air Force Commendation Medal  
 Capt J.N. Shaw - Air Force Commendation Medal

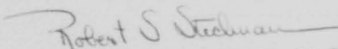
(If more space is needed, continue on blank sheets, size 8 x 10", numbered and securely attached hereto.)

Section II.	COMMENTARY (Continued)
PART B: This part should include a list of key personnel and information on: (1) community relations; (2) awards and decorations; (3) morale; (4) any other subjects the commander may wish to include.	
3. Promotions during the quarter were:	
<p>Maj Kenneth L. Leonard to Lt Col            Capt William M. Young to Maj            1st Lt Thomas E. Harty to Capt            1st Lt Alonzo F. Hixson III to Capt            1st Lt Alban H. Konishi to Capt            1st Lt Charles L. McCoskey to Capt            1st Lt Michael S. Moore to Capt            1st Lt William J. Thompson to Capt            1st Lt Robert J. Woutila to Capt            2nd Lt Phillip W. Lennon to 1st Lt            TSgt George E. Jones to MSgt            SSgt Donald H. Carter to TSgt            SSgt Emmitt T. Chunn to TSgt            SSgt William E. Lennon to TSgt            SSgt Sheldon L. Nickel to TSgt            Sgt Lawrence Calabro to SSgt            Sgt Jessie W. Hollis to SSgt            Sgt Robert R. Hornbuckle to SSgt            Sgt John T. Mazzamurro to SSgt            Sgt Dean E. Sorber to SSgt            Sgt Brian C. Sperl to SSgt            Sgt Paul W. Webb to SSgt            Sgt Robert J. Wexler to SSgt            A1C Thomas Foster to Sgt            A1C Jimmie Mann to Sgt            A1C Jesus A. Velez to Sgt            Amn Juan J. Cortes to A1C            Amn Donna A. Duff to A1C            Amn Ariosto Morales to A1C</p>	
4. During this period Captain Richard C. Wenzel returned from Squadron Officer School. Also, Captain Gary H. Benjamin was selected to attend Squadron Officer School, Class 69-C and left during the quarter.	
5. SSgt Gerald F. Mueller was selected as the Squadron NCO of the Quarter for the period July through September. He was also nominated for Base NCO of the Quarter and was selected.	
(If more space is needed, continue on blank sheets, size 8 x 10½, numbered and securely attached hereto.)	
PREPARED BY (Typed name and grade of Historian)	SIGNATURE
TOBIN M. ROGERS, Capt, USAF	<i>Tobin M. Rogers</i>
APPROVED BY (Typed name and grade of Commander)	SIGNATURE
ROBERT S. STEDMAN, Lt Colonel, USAF	<i>Robert S. Stedman</i>

6. Squadron Airman of the Month was as follows:

July - A1C Paul G. Tarr  
August - A1C Roger G. Kirkpatrick  
September - A1C Daniel L. Hackler

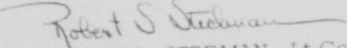
7. Sgt Richard P. Chebetar was selected by a Base board to be Honorary Base Commander on the annual Airman's Day. This represents the second time that an airman assigned to the 4713th DSES has been selected for this honor. This program has been in effect for only 2 years and a representative of the 4713th has won it both times.

  
ROBERT S. STEDMAN, Lt Colonel, USAF  
Commander

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ROBERT S. STEDMAN, Lt Colonel, USAF  
Commander



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Maxwell AFB, AL 36112

PROJECT CORONA HARVEST  
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No. \_\_\_\_\_

*Quarterly History  
4713 Defense Systems Evaluation Sq  
Apr - Jan 71*

*3-6319-16  
920315*

RCS: AU-D5

Director  
Reference Section  
ATTN: Archives Branch  
Randall AFB, Alabama 35891

CLERK

4-22-71  
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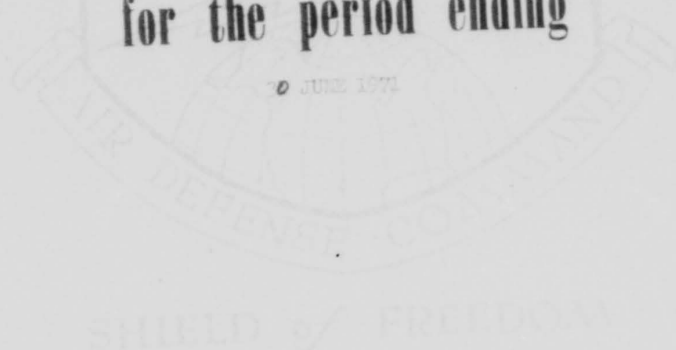
# HISTORICAL RECORD

of the

ATIS Defense Systems Evaluation Squadron (ADC)

for the period ending

30 JUNE 1971



3-6319-16  
900315

Section I. REQUIRED DATA																
1. UNIT AND LOCATION 4713000S (ADC) 61st AFB, IA 50542	2. NAME AND GRADE OF COMMANDER ROBERT S. STEWART, Lt Colonel															
3. CHAIN OF COMMAND (Superior Echelons) HQ AEDC/PAC. DEFENSE COMMAND																
4. SUBORDINATE UNITS (Down to and including squadrons) None																
5. MISSION (Give authority and brief statement of primary mission) The mission of the 4713000S is to develop, train, and operate a target force capable of simulating an aggressor force for Aerospace Defense evaluations, inspections, and exercises, and to provide aircraft for radar evaluation purposes.																
6. PERSONNEL																
	<table border="1"> <thead> <tr> <th></th> <th>OFFICERS</th> <th>AIRMEN</th> <th>CIVILIANS</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>AUTHORIZED</td> <td>36</td> <td>227</td> <td>1</td> <td>264</td> </tr> <tr> <td>ASSIGNED</td> <td>33</td> <td>213</td> <td>1</td> <td>247</td> </tr> </tbody> </table>		OFFICERS	AIRMEN	CIVILIANS	TOTAL	AUTHORIZED	36	227	1	264	ASSIGNED	33	213	1	247
	OFFICERS	AIRMEN	CIVILIANS	TOTAL												
AUTHORIZED	36	227	1	264												
ASSIGNED	33	213	1	247												
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment) EB-57A(2) EB-57B(4) EB-57B(10) EB-57B(1) B-57B(1)																

II. This part should contain significant information include are: (1) operations and training performance, (4) facilities, (5) major other subjects bearing on mission performance.
1. The Squadron flew 10
2. At the end of the year Donald G. Jones assumed
3. The 4713000S received Michigan Air National Guard
4. One aircraft (53450) MODIFICATION. The aircraft
5. Modification of EB-
<u>GENERAL</u>
<u>Key Personnel Roster</u>
Lt Colonel
Lt Colonel
Lt Colonel
Lt Colonel
Lt Colonel
Lt Colonel
Capt
Major
Major
Lt Colonel
Major
Capt
Capt
MSGT

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

II.

COMMENTARY

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 210-3 for additional guidance.

1. The squadron flew 1500 hours for the quarter ending 30 Jun 71.

2. At the end of the quarter Lt Colonel Robert S. Steiman retired. Lt Colonel Donald G. Jones assumed command.

3. The 4713888 received a dual control aircraft (42-374, 51437) from the Michigan Air National Guard to be used for training purposes.

4. One aircraft (52433) was sent to Addison Field, Texas for a PROTOTYPE AIRS MODIFICATION. The aircraft is now at Edwards AFB for flight testing.

5. Modification of 42-374's with the DOUGLAS SCARF was completed.

GENERAL

Key Personnel Matter

Lt Colonel	Robert S. Steiman	Commander
Lt Colonel	Donald G. Jones	Operations Officer
Lt Colonel	Ralph W. Stiles	Executive Officer
Lt Colonel	Robie J. McSwane	Asst Operations Officer
Lt Colonel	Kenneth L. Leonard	Strike Force II Commander
Lt Colonel	Leslie A. Wilkinson Jr	Strike Force I Commander
Capt	Gary Benjamin	Chief of Maintenance
Major	James W. Colburn	Staff Electronic Warfare Off
Major	Gerard J. Gonzalez	Chief of Plans
Lt Colonel	William A. Ruffer	Chief of Staff/Avn
Major	Marquis G. Mitt	Chief of Training
Capt	Thomas B. Bronson	Chief of Life Support
Capt	Walter B. Sepin	Administration Officer
MSGT	Harry A. Hmeedy	First Sergeant

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

target force  
evaluations,  
mission purposes.

TOTAL
34
37

II.

## COMMENTARY (Continued)

Promotions during the Quarter Included:

Donald, Mike S.	to	CSgt
Caskins, James L.	to	TSgt
Marinoff, Steven E.	to	SSgt
Duck, Ann D.	to	SSgt
Garibaldi, Marang	to	SSgt
Pitchard, Charles E.	to	SSgt
Road, John J.	to	SSgt
Rubles, Francis V.	to	SSgt
Scullb, Roy D.	to	SSgt
Strusking, Donald F.	to	SSgt
Valen, Jesus A.	to	SSgt
Waldner, Robert W.	to	SSgt
Kary, Rosetta P.	to	Sgt
Fisher, Charles E.	to	SSgt
Alderman, Glen A.	to	Sgt
Angberg, Kenneth W.	to	Sgt
Miracle, James R.	to	Sgt
Ranch, Gladis J.	to	Sgt
Woolman, Edward R.	to	Sgt
Rais, Juan W.	to	Sgt
McCenbridge, Douglas E.	to	Sgt
Robidoux, Bernard F.	to	Sgt
Smith, Sandra	to	AIC
May, Vicki	to	AIC

(If more space is needed, continue on blank sheets, size 8 x 10½, numbered and securely attached hereto.)

PREPARED BY (Typed name and grade of Historian)

DANIEL D. DUNNING, 1st Lt, USAF

SIGNATURE

*Daniel D. Dunning*

APPROVED BY (Typed name and grade of Commander)

JOHN W. HARRIS, 1st Col, USAF

SIGNATURE

*John W. Harris*



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Director	K-59-EVAL-4713-NI
Assistant	Jul-Dec 1971
Special Agent	
Administrative	

History  
4713 Defense Systems Evaluation of  
1 Jul - 31 Dec 71

3-7121-16  
900316



SEARCHED	INDEXED
SERIALIZED	FILED
JUL - DEC 1971	
K-SF-EMC-4713-117	

# HISTORICAL RECORD

of the

4713 DEFENSE SYSTEMS EVALUATION SQUADRON

for the period ending

30 September 1971

3-7121-16  
900316

FORM  
ADC JUL 69 102

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

I. REQUIRED DATA				
1. UNIT AND LOCATION 4713 Defense Systems Evaluation Squadron Otis AFB, MA 02542		2. NAME AND GRADE OF COMMANDER JOHN W. HARRIS, Colonel		
3. CHAIN OF COMMAND (Superior echelons) Hq Aerospace Defense Command				
4. SUBORDINATE UNITS (Down to and including squadrons) None				
5. MISSION (Give authority and brief statement of primary mission) The mission of the 4713DSES is to equip, administer, and train all assigned or attached personnel in order to provide an electronic warfare strike force for air defense system training, exercise, and evaluation.				
6. PERSONNEL				
	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	57	226	1	284
ASSIGNED	53	210	1	264
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment) B-57B (1) B-57E (1) EB-57B (4) EB-57E (10) NB-57B (1) RB-57E (1) EB-57A (3)				

II.  
This part should contain significant information. It should include: (1) operations and training; (2) personnel; (3) performance; (4) facilities; (5) maintenance; (6) other subjects bearing on mission performance.

1. The Squadron flew 185
2. The Squadron sent the
  - a. Capt Rogers to Sq
  - b. Lt Col Leonard to
  - c. Capt Overton to U
3. The Squadron's three pending for new modificat

General (Unclassified)

Key Personnel Roster

Col John W. Harris  
Lt Col Kirby A. Nunn  
Lt Col Donald G. Jones  
Lt Col Noble J. McSwane  
Lt Col Ralph W. Stiles  
Lt Col Kenneth L. Leonard  
Lt Col William R. Ruffer  
Major Marquis G. Witt  
Major James N. Calhoun  
Major Conrad C. Gonzales  
Capt Thomas E. Bronson  
Lt Daniel D. Dunning  
MSGT Harry R. Humecky  
Major Robert A. Maiden

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

ii.

## COMMENTARY

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 219-3 for additional guidance.

1. The Squadron flew 1858.3 hrs for the quarter ending 30 September 1971.
2. The Squadron sent the following officers to professional schools.
  - a. Capt Rogers to Squadron Officer School.
  - b. Lt Col Leonard to USAF Safety School.
  - c. Capt Overton to USAF Instrument Pilot Instructor School.
3. The Squadron's three (3) A-model aircraft were placed in flyable storage pending for new modification of the Douglas Escapac Egress System.

General (Unclassified)

Key Personnel Roster

Col John W. Harris  
 Lt Col Kirby A. Nunn  
 Lt Col Donald G. Jones  
 Lt Col Noble J. McSwane  
 Lt Col Ralph W. Stiles  
 Lt Col Kenneth L. Leonard  
 Lt Col William R. Ruffer  
 Major Marquis G. Witt  
 Major James N. Calhoun  
 Major Conrad C. Gonzales  
 Capt Thomas E. Bronson  
 Lt Daniel D. Dunning  
 MSgt Harry R. Humecky  
 Major Robert A. Maiden

Commander  
 Executive Officer  
 Operations Officer  
 Asst Operations Officer  
 Strike Force I Commander  
 Strike Force II Commander  
 Chief Stan/Eval  
 Chief Training  
 Staff EWO  
 Chief of Planning  
 Chief Life Support  
 Administration Officer  
 First Sergeant  
 Chief of Maintenance

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

or  
 for air

ii. COMMENTARY (Continued)

(If more space is needed, continue on blank sheets, size 8 x 10<sup>1/2</sup>, numbered and securely attached hereto.)

PREPARED BY (Typed name and grade of Historian)	SIGNATURE
JAMES A. OVERTON, Capt	<i>James A. Overton</i>
APPROVED BY (Typed name and grade of Commander)	SIGNATURE
JOHN W. HARRIS, Colonel	<i>John W. Harris</i>

# HISTORICAL RECORD

of the

4713 DEFENSE SYSTEMS EVALUATION SQUADRON

for the period ending

31 December 1971

ADC FORM  
JUL 69 102

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

I. REQUIRED DATA				
1. UNIT AND LOCATION 4713 Defense Systems Evaluation Squadron Otis AFB, MA 02542		2. NAME AND GRADE OF COMMANDER JOHN W. HARRIS, Colonel		
3. CHAIN OF COMMAND (Superior echelons)  Hq Aerospace Defense Command				
4. SUBORDINATE UNITS (Down to and including squadrons)  None				
5. MISSION (Give authority and brief statement of primary mission) The mission of the 4713DSES is to equip, administer, and train all assigned or attached personnel in order to provide an electronic warfare strike force for air defense system training, exercise, and evaluation.				
6. PERSONNEL				
	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	55	226	1	282
ASSIGNED	52	225	1	278
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment) B-57B (1) B-57E (1) EB-57B (4) EB-57E (10) NB-57B (1) RB-57E (1) EB-57A (3)				

II. This part should contain significant information include are: (1) operations and training, performance; (4) facilities; (5) maintenance other subjects bearing on mission performance.

1. The Squadron flew 1585.5
2. The Squadron received the mural sports for 1971 at the
3. Attached is a copy of a

General (Unclassified)

Key Personnel Roster

Col John W. Harris  
Lt Col Kirby A. Nunn  
Lt Col Donald G. Jones  
Lt Col Noble J. McSwane  
Lt Col Ralph W. Stiles  
Lt Col Kenneth L. Leonard  
Lt Col William R. Ruffer  
Major Marquis G. Witt  
Major James N. Calhoun  
Major Conrad C. Gonzales  
Major Robert A. Maiden  
Capt Hugh F. Skerry  
Capt Thomas Bronson

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

II.

## COMMENTARY

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 210-3 for additional guidance.

1. The Squadron flew 1585.5 hrs for the quarter ending 31 December 1971.
2. The Squadron received the Commander's Trophy for participation in base intramural sports for 1971 at the annual sports banquet.
3. Attached is a copy of all assigned aircrew members

General (Unclassified)

Key Personnel Roster

Col John W. Harris	Commander
Lt Col Kirby A. Nunn	Executive Officer
Lt Col Donald G. Jones	Operations Officer
Lt Col Noble J. McSwane	Asst Operations Officer
Lt Col Ralph W. Stiles	Strike Force I Commander
Lt Col Kenneth L. Leonard	Strike Force II Commander
Lt Col William R. Ruffer	Chief Stan/Eval
Major Marquis G. Witt	Chief Training
Major James N. Calhoun	Staff EWO
Major Conrad C. Gonzales	Chief of Plans
Major Robert A. Maiden	Chief of Maintenance
Capt Hugh F. Skerry	"A" Flight Commander
Capt Thomas Bronson	"B" Flight Commander

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

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e for air



II.

COMMENTARY (Continued)

(If more space is needed, continue on blank sheets, size 8 x 10 $\frac{1}{2}$ , numbered and securely attached hereto.)

PREPARED BY (Typed name and grade of Historian)

KENNY A. ROOKE, 1/Lt

SIGNATURE

*Kenny A. Rooke*

APPROVED BY (Typed name and grade of Commander)

JOHN W. HARRIS, Colonel

SIGNATURE

*John W. Harris*

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SEARCHED	INDEXED
SERIALIZED	FILED
JAN 11 1972	
FBI - MEMPHIS	

4713-4713-41

History  
4713 Defense Systems Evolution by  
1 Jan - 31 Mar 72

3-7181-14  
900317

# HISTORICAL RECORD

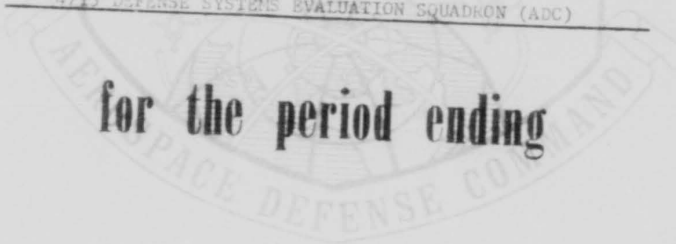
of the

4713 DEFENSE SYSTEMS EVALUATION SQUADRON (ADC)

for the period ending

31 March 1972

F-50 EVAL-4713-HI  
JAN-MAR 1972



3-7121-14  
900317

FORM  
ADC JUL 68 102

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

I. REQUIRED DATA																
1. UNIT AND LOCATION 4713 Def Sys Eval Sq Otis AFB, MA 02542	2. NAME AND GRADE OF COMMANDER JOHN W. HARRIS, Colonel															
3. CHAIN OF COMMAND (Superior echelons)  Hq Aerospace Defense Command																
4. SUBORDINATE UNITS (Down to and including squadrons)  None																
5. MISSION (Give authority and brief statement of primary mission)  The mission of the 4713DSES is to equip, administer, and train all assigned or attached personnel in order to provide an electronic warfare strike force for air defense system training, exercise, and evaluation.																
6. PERSONNEL																
	<table border="1"> <thead> <tr> <th></th> <th>OFFICERS</th> <th>AIRMEN</th> <th>CIVILIANS</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>AUTHORIZED</td> <td>56</td> <td>227</td> <td>1</td> <td>284</td> </tr> <tr> <td>ASSIGNED</td> <td>62</td> <td>241</td> <td>1</td> <td>304</td> </tr> </tbody> </table>		OFFICERS	AIRMEN	CIVILIANS	TOTAL	AUTHORIZED	56	227	1	284	ASSIGNED	62	241	1	304
	OFFICERS	AIRMEN	CIVILIANS	TOTAL												
AUTHORIZED	56	227	1	284												
ASSIGNED	62	241	1	304												
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)  B-57B (1) B-57E (1) RB-57E (1) NB-57B (1) EB-57B (4) EB-57E (10)																

II.	
This part should contain significant information include are: (1) operations and training performance; (4) facilities; (5) maintenance other subjects bearing on mission performance.	
1. The squadron flew 1589	
2. On 2 March 1972 Major [redacted] AFB and the 4713DSES on a [redacted]	
3. The Squadron's three [redacted] Monthan AFB. The A-Model [redacted] sufficient clearance for [redacted] Douglas Escapac System. [redacted] first of the three, 521448 [redacted] 521450 and 521489 on 16 Mar [redacted]	
4. During the last week of [redacted] Squadron's Emergency War Plan [redacted] pose any problem areas in [redacted] action. The practice proved [redacted] prove the Emergency War Plan [redacted] changed), but also gave verbal [redacted] to come in the latter part [redacted]	
5. On 20 March the ADC [redacted] 4713DSES Emergency War Plan [redacted] a general inspection. The [redacted] "Satisfactory" on the general [redacted]	
6. On 24 March an official [redacted] communications which stated [redacted] '73 and that the 4713DSES [redacted] squadron is projected to be [redacted]	
7. The Squadron basketball [redacted] scheduled league play and [redacted] the 4713DSES received the [redacted]	
8. <u>Key Personnel Roster</u> Col John W. Harris Lt Col Kirby A. Nunn Lt Col Donald G. Jones Lt Col Noble J. McSwain Lt Col William R. Ruff Lt Col Marquis G. Witt Major Robert A. Maiden Major James N. Calhoun Major Marion C. Weidner Major Conrad C. Gonzalez Lt Col Kenneth L. Leonard Capt Hugh F. Skerry Capt Boyd K. Knowles Capt Thomas E. Bronson	
9. Attached is a list of [redacted]	

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

## COMMENTARY

ii. This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 210-3 for additional guidance.

1. The squadron flew 1509.6 hours for the quarter ending 31 March 1972.
2. On 2 March 1972 Major General H. A. Hanes, Vice Commander of ADC, visited Otis AFB and the 4713DSES on a Staff Assistance Visit.
3. The Squadron's three (3) E3-57A's were flown to the "Boneyard" at Davis-Monthan AFB. The A-Models were permanently grounded and then retired due to insufficient clearance for pilots and EWO's to eject after installation of the Douglas Escapac System. Lt Col Donald G. Jones left Otis on 13 March with the first of the three, 521448. Lt Col Noble J. McSwane flew the remaining two 521450 and 521489 on 16 March and 24 March respectively, to Davis-Monthan.
4. During the last week of January the Squadron conducted a practice of the Squadron's Emergency War Plan, College Caper. The practice was conducted to expose any problem areas in the plan and to acquaint all personnel with the plan in action. The practice proved to be highly successful. Not only did the practice prove the Emergency War Plan to be feasible (only a few technical points were changed), but also gave valuable experience to the Squadron for the ORI which was to come in the latter part of March.
5. On 20 March the ADC IG team arrived at Otis AFB to conduct an ORI of the 4713DSES Emergency War Plan and to give the 4784 Air Base Group & the 4713DSES a general inspection. The 4713DSES received an "Outstanding" on the ORI and a "Satisfactory" on the general inspection.
6. On 24 March an official message from Headquarters ADC was received at base communications which stated that Otis AFB would become Otis ANGB by the summer of '73 and that the 4713DSES would move to Westover AFB, MA. As of this date, the squadron is projected to be in place at Westover on or about 31 July 72.
7. The Squadron basketball team took first place in base competition, during scheduled league play and second place in tournament play. Capt "Pete" Rogers of the 4713DSES received the "Most Valuable Player" trophy of the tournament.
8. Key Personnel Roster (Unclassified)
- |                           |                         |
|---------------------------|-------------------------|
| Col John W. Harris        | Commander               |
| Lt Col Kirby A. Nunn      | Executive Officer       |
| Lt Col Donald G. Jones    | Operations Officer      |
| Lt Col Noble J. McSwane   | Asst Operations Officer |
| Lt Col William R. Ruffer  | Chief Stan/Eval         |
| Lt Col Marquis G. Witt    | Chief of Training       |
| Major Robert A. Maiden    | Chief of Maintenance    |
| Major James N. Calhoun    | Staff EWO               |
| Major Marion C. Weidler   | Strike Force Commander  |
| Major Conrad C. Gonzales  | Chief of Plans          |
| Lt Col Kenneth L. Leonard | Safety Officer          |
| Capt Hugh F. Skerry       | Pilot Commander         |
| Capt Boyd E. Knowles      | A Flight Commander      |
| Capt Thomas E. Bronson    | B Flight Commander      |
9. Attached is a list of all squadron personnel on flying status.

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

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ke force for

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II.

COMMENTARY (Continued)

(If more space is needed, continue on blank sheets, size 8 x 10, numbered and securely attached hereto.)

PREPARED BY (Typed name and grade of Historian)

KENNY A. ROOKE, 1Lt

APPROVED BY (Typed name and grade of Commander)

JOHN W. HARRIS, Colonel

SIGNATURE

*Kenny A. Rooke*

SIGNATURE

*John W. Harris*

CALL SIGN	PILOTS	SSAN	EWOS	SSAN
01	COL JOHN W. HARRIS	237-28-7512FR	LTC STANLEY A. RUTA	023-22-9798FV
02	LTC DONALD G. JONES	367-24-8059FR	MAJ ALBERT J. BAINGER	193-24-9979FV
03	LTC NOBLE J. MCSWANE	458-22-5491FR	MAJ JAMES N. CALHOUN	251-38-1604FR
04	LTC KENNETH L. LEONARD	444-26-3149FR	MAJ CONRAD C. GONZALES	335-28-1876FR
05	LTC WILLIAM R. RUFFER	302-28-4608FV	MAJ LOUIS G. HATCH	506-42-9922FR
06	MAJ WILLIAM R. RUFFER	491-30-1563FV	MAJ ROBERT A. FINLEY	034-18-6478FR
07	MAJ MARION C. WEIDLER	297-26-2568FR	MAJ GEORGE R. WILLIAMS, JR	033-24-6544FV
	MAJ ROBERT A. MAIDEN		MAJ DEAN A. RAPP	479-40-5535FR
			MAJ JAMES E. ROSE, JR	029-24-0140FV



SIGNATURE <i>Phillip Harris</i>	SIGNATURE <i>Kenny A. Cooke</i>		ARMY (Continued)
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CALL SIGN	PILOTS	SGAN	EWOS	SSAN
01	COL JOHN W. HARRIS	237-28-7512FR	LTC STANLEY A. RUTA	023-22-9798FV
02	LTC DONALD G. JONES	367-24-8059FR	MAJ ALBERT J. BAINGER	193-24-9979FV
03	LTC NOBLE J. MCSWANE	458-22-5491FR	MAJ JAMES N. CALHOUN	251-38-1604FR
04	LTC KENNETH L. LEONARD	444-26-3149FR	MAJ CONRAD C. GONZALES	335-28-1876FR
05	LTC WILLIAM R. RUFFER	302-28-4608FV	MAJ LOUIS G. HATCH	506-42-9922FR
06	MAJ MARION C. WEIDLER	491-30-1563FV	MAJ ROBERT A. FINLEY	034-18-6478FR
07	MAJ ROBERT A. MAIDEN	297-26-2568FR	MAJ GEORGE R. WILLIAMS, JR	033-24-6544FV
			MAJ DEAN A. RAPP	479-40-5535FR
10	LTC MARQUIS G. WITT	298-26-8269FV	MAJ JAMES F. ROSE, JR	029-24-0120FV
20	CAPT HUGH P. SKERRY	020-32-6803FR	MAJ CARL R. ENGEL	543-36-0464FR
			MAJ ROBERT H. ENGEL	058-28-2884FR
30	CAPT BOYD K. KNOWLES	217-40-2241FR	CAPT JOHN W. JAHN II	183-34-1807FR
31	CAPT PETER B. ROGERS	265-62-2226FR	CAPT DAVID A. FAIRCHILD	351-38-5194FV
32	CAPT STEVEN C. SANFORD	537-40-4163FV	CAPT EUGENE A. DUCHAMP III	453-66-9571FR
33	1LT CHARLES W. WIEGREFE	467-76-0083FV	CAPT RONALD L. WOOTTEN	222-26-3132FR
34	1LT WAYNE A. FRITSCHER	263-82-5348FV	CAPT LANCE LORCH	131-32-0663FV
35	1LT GEORGE K. RICHARDS	546-70-2778FV	CAPT RICHARD CORRIGAN	151-34-3997FV
36	1LT JAMES A. TELINDA	474-48-8704FV	CAPT ROBERT C. LEAHY	217-36-5005FR
37	1LT ERIC F. WELLNER, JR	185-36-6119FV		
40	CAPT THOMAS E. BRONSON	067-34-3287FR	1LT WILLIAM D. THOMPSON III	234-76-8565FR
41	CAPT JAMES A. OVERTON	463-82-0883FV	1LT EDWIN C. BARNSEY	084-76-8986FV
42	1LT KEITH A. STCEBER	158-38-9869FV	1LT JAMES P. MAHONEY	027-34-0054FV
43	1LT JAMES J. ROWAN	204-38-1541FV	1LT JOHN E. WINDLER	393-44-5400FV
44	1LT KENNY A. ROOKE	421-62-7348FV	1LT ROBERT D. BEATT	391-46-9719FR
45	1LT CHARLES F. LOVELESS	424-64-8639FV	<u>PLT SURGEON</u>	
46	1LT TERRY B. LOWE	225-70-1523FV	CAPT FRED L. PASTERNAK	085-36-5186FV
11	1LT THOMAS E. WALSH, JR	413-78-6601FV	<u>PLT MECHANIC</u>	
12	1LT THOMAS W. FISHBURN, JR	543-58-1443FR	TSGT THOMAS W. BRITTAIN	206-26-9294
16	1LT VICTOR BADER	058-42-4674FV		
14	1LT SIDNEY P. SMITH	260-76-4091FV		

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DATE	K-SQ-EVAL-4713-HI
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MOVING	APR 500 1972

*History*  
4713 Defense Systems Evaluation Squadron  
1 Apr - 30 Jun 72

3-7486-21  
900318

Distribution Approved for Release Authority: NSA Date: 11/19/2013	R-50-EVAL-473-H APR-JUN 1972
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# HISTORICAL RECORD

of the

4713 DEFENSE SYSTEMS EVALUATION SQUADRON

for the period ending

30 June 1972

3-7486-21  
900318

FORM  
ADC JUL 69 102

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

I. REQUIRED DATA				
1. UNIT AND LOCATION		2. NAME AND GRADE OF COMMANDER		
4713 DSESS Otis AFB, MA		JOHN W. HARRIS, Colonel		
3. CHAIN OF COMMAND (Superior echelons)				
HQ AEROSPACE DEFENSE COMMAND				
4. SUBORDINATE UNITS (Down to and including squadrons)				
NONE				
5. MISSION (Give authority and brief statement of primary mission)				
The mission of the 4713 is to equip, administer, and train all assigned or attached personnel in order to provide an electronic warfare strike force for air defense system training, exercise, and evaluation.				
6. PERSONNEL				
	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	56	241	3	300
ASSIGNED	60	238	1	299
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)				
B-57E (1) B-57B (1) RB-57E (1) NB-57E (1) EB-57B (4) EB-57E (10)				

II.	
This part should contain significant information. It should include: (1) operations and training; (2) personnel; (3) performance; (4) facilities; (5) main other subjects bearing on mission, performance, and training.	
1. The Squadron flew 15	
2. On June 16, 1972 a mission was instructed the 4713 DSESS on June 15, 1972. Also the Squadron was used for aircraft parking.	
3. Lt Col Marquis G. Witt was assigned to Maryland on June 14, 1972. The B-57 model to be equipped with the B-57 model. Lt Col Leonard flew aircraft. These two aircraft will be used for the B-57 B's and E's to	
4. The squadrons B-57 B and E have leaks. The leaks, which are due to the age and number of aircraft, are being used in	
5. Key Personnel Roster	
Col John W. Harris Lt Col Kirby A. Nunn Lt Col Donald G. Jones Lt Col Noble J. McSwane Lt Col William R. Ruffen Lt Col Marquis G. Witt Major Robert A. Maiden Major James N. Calhoun Major Marion C. Weidler Major Conrad C. Gonzalez Lt Col Kenneth L. Leonard Capt Hugh F. Skerry Capt Boyd K. Knowles Capt Thomas E. Bronson	
6. Attached is a list	

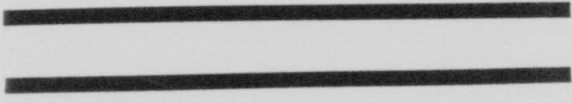
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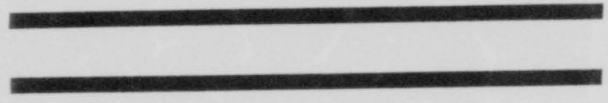




<u>CALL SIGN</u>	<u>PILOTS</u>	<u>SSAN</u>	<u>EWOS</u>	<u>SSAN</u>
01	COL JOHN W. HARRIS	237-28-7512FR	LTC STANLEY A. RUTA	023-22-9798FV
02	LTC DONALD G. JONES	367-24-8059FR	LTC JAMES N. CALHOUN	251-38-1604ER
03	LTC NOBLE J. MCSWANE	458-22-5491FR	MAJ CONRAD C. GONZALES	335-28-1876ER
04	LTC KENNETH L. LEONARD	444-26-3149FR	MAJ LOUIS G. HATCH	506-42-9922ER
05	LTC WILLIAM R. RUFFER	302-28-4608EV	MAJ ROBERT A. FINLEY	034-18-6478ER
06	MAJ MARION C. WEIDLER	491-30-1563EV	MAJ GEORGE R. WILLIAMS JR	033-24-6594EV
07	MAJ ROBERT A. MAIDEN	297-26-2568ER	MAJ DEAN A. RAPP	479-40-5535ER
08	LTC RALPH W. STILES	295-18-7052ER	MAJ JAMES F. ROSE JR	029-24-0120EV
			MAJ CARL R. ENGEL	543-36-0464ER
10	LTC MARQUIS G. WITT	298-26-8269FV	MAJ ROBERT H. ENGEL	058-28-2884ER
20	CAPT HUGH F. SKERRY	020-32-6803ER	CAPT DAVID A. FAIRCHILD	351-38-5194EV
			CAPT RONALD L. WOOTTEN	222-26-3132ER
30	CAPT BOYD K. KNOWLES	219-40-2241FR	CAPT LANCE LORCH	131-32-0663EV
31	CAPT PETER B. ROGERS	265-62-2226ER	CAPT RICHARD CORRIGAN	151-34-3997EV
32	CAPT STEVEN C. SANFORD	537-40-4163EV	CAPT ROBERT G. LEAHY	217-36-5005ER
33	CAPT CHARLES W. WIEGHEFFE	467-76-0083EV	1LT THOMAS J. SETTECERRI	382-50-2851EV
34	1LT WAYNE A. FRITSCHER	263-82-5348EV	1LT JOHN D. FARRELL JR	575-54-7792EV
35	1LT GEORGE K. RICHARDS	546-70-2778EV	CAPT WILLIAM D. THOMPSON III	234-76-8565ER
36	1LT JAMES A. TELINDA	474-48-8704EV	1LT EDWIN C. BARNES	564-76-8986EV
37	1LT ERIC F. WELLNER JR	185-36-6119EV	1LT JAMES P. MAHONEY	027-34-0054EV
			1LT JOHN E. WINDLER	393-44-5400EV
40	CAPT THOMAS F. BRONSON	067-34-3287FR	CAPT ROBERT D. FRATT	391-46-9719ER
41	CAPT JAMES A. OVERTON	463-82-0883EV		
42	CAPT KEITH A. STOEBER	158-38-9869FV	<u>FLT MECHANIC</u>	
43	1LT JAMES J. ROWAN	204-38-1541EV	TSGT THOMAS W. BRITTAIN	206-26-9294
44	1LT KENNY A. ROOKE	421-62-7348EV		
45	1LT CHARLES E. LOVELESS	424-64-8639EV	<u>MAINT. OFFICERS</u>	
46	1LT TERRY R. LOWE	225-70-1593EV	CAPT JOSEPH J. DENNEEN JR	029-34-4727FV
			CAPT KENNETH N. SZCZEPANSKI	059-36-0159EV
11	1LT THOMAS E. WALSH JR	413-78-6601FV	1LT ROBERT W. HANN, II	229-66-3278EV
12	1LT THOMAS W. FISHBURN JR	543-58-1443ER	2dLT JOSEPH J. GIOTTA	089-38-4921EV
47	1LT VICTOR BADER	058-42-4674EV	1LT MICHAEL C. HENRY	385-46-0221EV
14	1LT SIDNEY F. SMITH	260-76-4091FV		
			<u>FLT SURGEON</u>	
	<u>COMMAND ADMIN SECTION</u>		CAPT FRED L. PASTERNAK	085-36-5186FV
	LTC KIRBY A. NUNN	535-14-6934FR		
	2LT PHILLIP J. NORRIS	317-48-8472EV		



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RETURN TO <i>R</i>	K-Sgt-FVAL-4713-N1 Jul-Dec 1972
Disaster: Floods: A/C: A/C: Miscellaneous:	

*History*  
4713 Defense Systems Evaluation Squadron  
1 Jul - 31 Dec 72

3-7696-7  
900319

RETURN TO: Director Defense Systems Evaluation Squadron 4713 Hickam AFB Hawaii 96814	MAIL-DEL. 1972 K-50-EVAL-4713-41
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# HISTORICAL RECORD

of the

4713 Defense Systems Evaluation Squadron

for the period ending

30 September 1972

3-7696-7  
900319

ATCH II

ADC FORM 102  
JUL 69

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

I. REQUIRED DATA				
1. UNIT AND LOCATION 4713 Def Sys Eval Sq Westover AFB, MA		2. NAME AND GRADE OF COMMANDER John W. Harris, Colonel		
3. CHAIN OF COMMAND (Superior echelons) HQ Aerospace Defense Command				
4. SUBORDINATE UNITS (Down to and including squadrons) None				
5. MISSION (Give authority and brief statement of primary mission) The mission of the 4713 is to equip, administer, and train all assigned or attached personnel in order to provide an electronic warfare strike force for air defense system training, exercise, and evaluation.				
6. PERSONNEL				
	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	60	293	6	359
ASSIGNED	54	257	3	314
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment) B-57E (1) B-57B (1) RB-57E (1) NB-57E (1) EB-57B (4) EB-57E (10)				

II. COMMENTARY

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 210-3 for additional guidance.

1. The Squadron flew 1496.8 hours during the quarter ending 30 September 1972.

2. KEY PERSONNEL ROSTER (UNCLASSIFIED)

Col John W. Harris	Commander
Lt Col Kiray A. Nunn	Executive Officer
Lt Col Donald G. Jones	Operations Officer
Lt Col Kenneth L. Leonard	Asst Operations Officer
Lt Col Lee A. Mongeon	Chief Stan/Eval
Lt Col Marquis G. Witt	Chief of Training
Lt Col Stanley A. Ruta	Staff EWO
Major Robert A. Maiden	Chief of Maintenance
Major Marion C. Weidler	Strike Force I Commander
Major Albert W. Hurst	Strike Force II Commander
Major Robert A. Finley	Chief of Plans
Major Howard J. Greene	Safety Officer
Capt Hugh F. Skerry	Pilot Commander
Capt James A. Overton	A Flight Commander
Capt Thomas E. Bronson	B Flight Commander

3. During this quarter the Squadron relocated from Otis AFB, MA, to Westover AFB, MA. This was done without a loss of a single sortie and with no "down" days. The move went smoothly with only a few minor difficulties. The biggest problem stemmed from lack of base support for us as an incoming tenant unit. Westover was in the process of preparing for a SAC Commander's Annual Facility Inspection which was given top priority by all base facilities. The excuse, "Sorry, Sir, we won't be able to help you until the CAFI is over," was heard from everybody from Civil Engineering to Transportation. The most striking exception to this was the support received from the 18th Communications Squadron. The installers, especially SSgt Reed and Sgt Gipsin, went beyond the call of duty in installing, relocating, and acquiring scarce equipment. If the entire base had supported us as did the 18th Communications Squadron, there would have been no problems encountered. The following is a chronological listing of the major events of the move.

24 March 1972: The official message was received turning Otis AFB over to the Air National Guard and moving the 4713 BSES to Westover AFB, MA.

NOTE: Shortly after receiving the move message, the 4713 sent its first "negotiating party" to Westover to coordinate facilities needed and available for the 4713. This party consisting of Col Harris, Commander; Lt Col Nunn, Executive Officer; Lt Col Jones, Ops Officer; Major Maiden, Chief of Maintenance; and several other officers and NCO's was to return to Westover many times in a vain effort to reach a workable host-tenant agreement. Disagreement arose over proper facilities to accommodate the entire Squadron, with the Westover host seemingly wanting to place the

If necessary, to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

COMMENTARY (Continued)	
ii.	unit at their convenience in widespread locations. Since no compromise solution could be reached between the 4713 and the 99, the problem was passed on to ADC and SAC Headquarters. ADC backed the 4713 and their request, and SAC backed the 99th and their demands, so Headquarters USAF was called on to break the deadlock. By this time the phrases, "DC Hangar", "Commissary in Hangar 5", "Base Hangar", "north ramp parking area", and others, had become part of the everyday conversation of 4713 personnel.
16 June 1972:	"The Message" was received from Headquarters USAF that gave the 4713 Hangar No. 1 for Operations, Maintenance and Admin, and the north ramp area for aircraft parking. This was almost exactly what the Squadron had originally asked. Also due to the extended negotiating period, the Squadron in-place date was moved from 31 July 1972 to 15 September 1972.
	NOTE: USAF Headquarters' decision was one small step for ADC, one giant victory for the 4713!
26 July 1972:	Lt Col Nunn arrived as Operating Location Commander of the advance party at Westover. Also arriving in the advance party were: Lt Col Witt, Chief of Training; Lt Col Leonard, Asst Ops Officer; Lt Giotta from Maintenance; and Capt Corrigan, Lt Mahoney and Lt Rooke, EWO's and a pilot from Operations. Also at this time several Maintenance NCO's arrived from Otis.
9 August 1972:	Col Harris and Lt Col Witt arrived at Westover in aircraft 554-239, the first to be permanently stationed at Westover. Equipped with dual controls, 239 is used for aircrew training and evaluation.
5 September 1972:	Lt Wood, pilot, and Lt Col Ruta, EWO, flew the Squadron's first operational mission out of Westover when they flew a Mixmaster in aircraft 554233 for the 425 CFS, Bagotville, Quebec, Canada.
8 September 1972:	Lt Rowan flew aircraft 554251 from Otis to Westover completing the permanent move of all aircraft to Westover.
15 September 1972:	The 4713 became operational at Westover with Col Harris assuming command.
4.	On 16 September 1972 the 4713 deployed 5 EB-57 to Tyndall AFB, FL in support of William Tell '72. Lt Col Kenneth L. Leonard served as (If more space is needed, continue on blank sheets, size 8 x 10%, numbered and securely attached hereto.)
PREPARED BY (Typed name and grade of Historian)	SIGNATURE Kenny A. Rooke
KENNY A. ROOKE, 1Lt	SIGNATURE John W. Harris
APPROVED BY (Typed name and grade of Commander)	
JOHN W. HARRIS, Colonel	



11. COMMENTARY (Continued)

Strike Force Commander, and Capt Robert D. Fratt, as Strike Force LWO. It is of great credit to the 4713 that not a single mission was missed during William Tell with the deployment coming only one day after reaching operational status at Westover. In his letter of appreciation, Brig Gen Ray A. Robinson, Jr., said, "Your unit's ability to do such fine work during the same month that you are getting reorganized at a new location is especially commendable." Major General Joseph L. Dickman, Chief Judge, Project William Tell '72, said of the 4713 ECM force, "The cager and highly competent performance of this team afforded my Target Judging Staff an extremely fair and accurate vehicle for detecting varying degrees of interceptor skills in the art of airborne electronic counter-counter measures employment."

5. Attached is a list of all Squadron officers and personnel on flying status.

1 Atch  
4713 DSES Personnel on Flying Status

Continuation Sheet 1 of 1

4713 DSES

30 September 1972



<u>EWOS</u>	<u>SSAN</u>	<u>CALL SIGN</u>	<u>PILOTS</u>	<u>SSAN</u>
LTC STANLEY A. RUTA	023-22-9798	01	COL JOHN W. HARRIS	237-28-7512
LTC JOHN K. POWERS	574-09-6078	02	LTC DONALD G. JONES	367-24-8059
MAJ DORPHAN N. PRIEST	480-30-9600	03	LTC KENNETH L. LEONARD	444-26-3149
MAJ AULAY P. CARLSON	049-26-8076	04	LTC LEE A. MONGEON	039-18-4640
MAJ ROBERT A. FINLEY	034-18-6478	05	MAJ MARION C. WEIDLER	491-30-1563
MAJ GEORGE R. WILLIAMS JR.	033-24-6594	06	MAJ ALBERT W. HURST	517-36-4018
MAJ DEAN A. RAPP	479-40-5535	07	MAJ ROBERT A. MAIDEN	297-26-2568
CAPT DAVID A. FAIRCHILD	351-38-5194	08	MAJ HOWARD J. GREENE	025-24-0197
CAPT RONALD L. WOOTTEN	222-26-3132	10	LTC MARQUIS G. WITT	298-26-8269
CAPT NORMAN C. McMULLEN	263-66-7637	11	LLT THOMAS E. WALSH JR.	413-78-6601
CAPT JOHN W. JAHN II	183-34-1807	12	LLT THOMAS W. FISHBUEN JR.	543-58-1443
CAPT RICHARD CORRIGAN	151-34-3997			
CAPT ROBERT G. LEAHY	217-36-5005	20	CAPT HUGH F. SKERRY	020-32-6803
CAPT ROBERT D. FRATT	391-46-9719			
CAPT WILLIAM C. THOMPSON III	234-76-8565			
CAPT JAMES P. MAHONEY	027-34-0054	30	CAPT JAMES A. OVERTON	463-82-0883
LLT THOMAS J. SETTECERRI	382-50-2851	32	CAPT STEVEN C. SANFORD	537-40-4163
LLT JOHN D. FARRELL JR.	575-54-7792	33	CAPT CHARLES W. WIEGREFE	467-76-0083
LLT EDWIN C. BARNES	564-76-8986	34	CAPT WAYNE A. FRITSCHER	263-82-5348
LLT JOHN E. WINDLER	393-44-5400	35	CAPT GEORGE K. RICHARDS	546-70-2778
		36	CAPT JAMES A. TELINDA	474-48-8704
		37	CAPT ERIC F. WELINKER JR.	185-36-6119
<u>FLI MECHANIC</u>		38	LLT SIDNEY F. SMITH	260-76-4091
TSGT THOMAS W. BRITTAIN	206-26-9294FR			
<u>MAINT OFFICERS</u>		40	CAPT THOMAS F. BRONSON	067-34-3287
CAPT KENNETH N. SZCZEPANSKI	059-36-0159FV	42	CAPT KEITH A. STOEBER	158-38-9869
CAPT LEE R. CUNNINGHAM	410-70-0193FV	43	CAPT JAMES J. ROWAN	204-38-1541
LLT MICHAEL C. HENRY	385-46-0221FV	44	LLT KENNY A. ROOKE	421-62-7348
2LT JOSEPH J. GIOTTA	089-38-4921FV	45	LLT CHARLES E. LOVELESS	424-64-8639
<u>FLT SURGEON</u>		46	LLT TERRY R. LOWE	225-70-1593
CAPT FRED L. PASTERNAK	085-36-5186FV	47	LLT VICTOR BADER	058-42-4674
		48	LLT JACK D. WOOD	021-38-9514
			<u>COMMAND ADMIN SECTION</u>	
			LTC KIRBY A. NUNN	535-14-6934
			2LT PHILLIP J. NORRIS	317-48-8472

6 October 1972  
 (Destroy all other copies)

# HISTORICAL RECORD

of the

4713 DEFENSE SYSTEMS EVALUATION SQUADRON

for the period ending

31 December 1972

FORM  
ADC JUL 69 102

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

A70# 12

I. REQUIRED DATA																
1. UNIT AND LOCATION 4713 DSES Westover AFB, MA. 01022	2. NAME AND GRADE OF COMMANDER JOHN W. HARRIS, Colonel															
3. CHAIN OF COMMAND (Superior echelons) HQ AEROSPACE DEFENSE COMMAND																
4. SUBORDINATE UNITS (Down to and including squadrons) None																
5. MISSION (Give authority and brief statement of primary mission) The mission of the 4713 is to equip, administer, and train all assigned or attached personnel in order to provide an electronic warfare strike force for air defense system training, exercise, and evaluation.																
6. PERSONNEL																
	<table border="1"> <thead> <tr> <th></th> <th>OFFICERS</th> <th>AIRMEN</th> <th>CIVILIANS</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>AUTHORIZED</td> <td>60</td> <td>293</td> <td>6</td> <td>359</td> </tr> <tr> <td>ASSIGNED</td> <td>61</td> <td>245</td> <td>2</td> <td>308</td> </tr> </tbody> </table>		OFFICERS	AIRMEN	CIVILIANS	TOTAL	AUTHORIZED	60	293	6	359	ASSIGNED	61	245	2	308
	OFFICERS	AIRMEN	CIVILIANS	TOTAL												
AUTHORIZED	60	293	6	359												
ASSIGNED	61	245	2	308												
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment) B-57E (1) B-57B (1) RB-57E (1) NB-57E (1) EB-57B (5) EB-57E (10)																

ii. This part should contain include are: (1) operational performance; (2) facilities; (3) other subjects bearing on the mission.

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

- The Squadron
- On 16 Oct 1954, a functional check flight of aircraft 554-287. Under conditions, Lt Col Jones had the fire was extinguished. The fire was extinguished. Col Jones had the aircraft has since
- By Special Order, the 4713 was reassigned for 24 hours, MDT, 24 hours, reassigned from
- The squadron was on four straight days of Maintenance.
- On December 1954, Westover from the 4713 at Hayes after the aircraft the Squadron
- Key Personnel:  
Col John W. Harris  
LtCol Kirby  
LtCol Donald  
LtCol Kenneth  
LtCol Lee  
LtCol Marjorie  
LtCol Starke  
Major Robert  
Major Mari  
Major Albert  
Major Robert  
Major Howard  
Captain James  
Captain Thomas  
2d Lt Philip
- Attached

UNDER
el
l assigned or strike force for
TOTAL
359
30B

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

**II. COMMENTARY**

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 210-3 for additional guidance.

1. The Squadron flew 1427.3 hours during the quarter ending 31 December 72.
2. On 16 Oct 72 Lt Col Donald G. Jones while waiting to take the runway on a functional check flight, experienced an engine fire in the number two engine of aircraft 554-287. After shutting down the engine and notifying tower of his fire conditions, Lt Col Jones and A/C Jerry Shultz evacuated the aircraft with no injuries. The fire was extinguished by the aircraft's self-contained extinguisher which Lt Col Jones had activated and damage was held to the incident category. The aircraft has since returned to operational status.
3. By Special Order G-255 issued by Headquarters Aerospace Defense Command, the 4713 was reassigned from Headquarters ADC to the 21 Air Division effective 1200 hours, MDT, 2 October 1972. In the same order our sister Squadron, the 4677, was reassigned from HQ ADC to the 24 Air Division.
4. The squadron basketball team won the pre-season basketball tournament with four straight victories. The team was organized and lead by SSgt Chennault of Maintenance.
5. On December 29, 1972 Lt Col Kenneth ("Rock") Leonard flew aircraft 521-499 to Westover from Hayes Aircraft Birmingham Alabama. This "new" aircraft was in IRAN at Hayes after being brought out of the "boneyard". With the addition of this aircraft the Squadron's B-57 force was upped to 19.
6. Key Personnel Roster:

Col John W. Harris	Commander,
LtCol Kirby A. Mann	Executive Officer,
LtCol Donald G. Jones	Operations Officer
LtCol Kenneth L. Leonard	Asst Operations Officer,
LtCol Lee A. Mongeon	Chief Stan/Eval
LtCol Marquis G. Witt	Chief of Training
LtCol Stanley A. Ruta	Staff EWO
Major Robert A. Maiden	Chief of Maintenance
Major Marion C. Weidler	Strike Force I Commander
Major Albert W. Hurst	Strike Force II Commander,
Major Robert A. Finley	Chief of Plans
Major Howard J. Greene	Safety Officer,
Captain Hugh F. Skerry	Pilot Commander
Captain James A. Overton	A Flight Commander
Captain Thomas E. Bronson	B Flight Commander
2d Lt Phillip J. Norris,	Administration Officer
7. Attached is a list of all Squadron Officers and personnel of flying status.

ii.

COMMENTARY (Continued)

(If more space is needed, continue on blank sheets, size 8 x 10 $\frac{1}{2}$ , numbered and securely attached hereto.)

PREPARED BY (Typed name and grade of Historian)

KENNY A. ROOKE, 1Lt

APPROVED BY (Typed name and grade of Commander)

JOHN W. HARRIS, Colonel

SIGNATURE

*Kenny A. Rooke*

SIGNATURE

*John W. Harris*



<u>EMOS</u>	<u>SSAN</u>	<u>CALL SIGN</u>	<u>PILOTS</u>	<u>SSAN</u>
LTC STANLEY A. RUTA	023-22-9798	01	COL JOHN W. HARRIS	237-28-7512
LTC JOHN K. POWERS	574-09-6078	02	LTC DONALD G. JONES	367-24-8059
MAJ DORPHAN N. PRIEST	480-30-9600	03	LTC KENNETH L. LEONARD	444-26-3149
MAJ AULAY P. CARLSON	049-26-8076	04	LTC LEE A. MONGEON	039-18-4640
MAJ ROBERT A. FINLEY	034-18-6478	05	MAJ MARION C. WEIDLER	491-30-1563
MAJ GEORGE R. WILLIAMS JR.	033-24-6594	06	MAJ ALBERT W. HURST	517-36-4018
MAJ DEAN A. RAPP	479-40-5535	07	MAJ HOWARD J. GREENE	025-24-0197
MAJ JUAN H. BENJAMIN	482-40-9030			
CAPT RONALD L. WOOTTEN	222-26-3132	10	LTC MARQUIS G. WITT	298-26-8269
CAPT NORMAN C. McMULLEN	263-66-7637	11	CAPT THOMAS E. WALSH JR.	413-78-6601
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CAPT RICHARD CORRIGAN	151-34-3997			
CAPT ROBERT G. LEAHY	217-36-5005	14	LLT ROBERT J. LETOURNEAU	476-54-0732
CAPT ROBERT D. FRATT	391-46-9719	15	2LT STEVEN R. KNUDSEN	527-80-7611
CAPT WILLIAM C. THOMPSON III	234-76-8565	16	CAPT FREDERICK L. GOTT	286-36-0915
CAPT JAMES P. MAHONEY	027-34-0054	17	2LT JAJ R. KASEMAN	098-40-8395
CAPT THOMAS G. MAIER	282-38-4880		2LT ROBERT E. CLAWSON JR.	356-38-5199
LLT THOMAS J. SETTECERRI	382-50-2851			
LLT JOHN D. FARRELL JR.	575-54-7792	20	CAPT HUGH F. SKERRY	020-32-6803
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LLT JOHN E. WINDLER	393-44-5400			
LLT RONALD D. VARGO	160-36-6118	30	CAPT JAMES A. OVERTON	463-82-0883
		32	CAPT STEVEN C. SANFORD	537-40-4163
		33	CAPT CHARLES W. WIEGHEFFE	467-76-0083
<u>FLT MECHANIC</u>		34	CAPT WAYNE A. FRITSCHER	263-82-5348
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<u>MAINT OFFICERS</u>		37	CAPT ERIC F. WELLNER JR.	185-36-6119
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		42	CAPT KEITH A. STOEBER	158-38-9869
<u>FLT SURGEON</u>		43	CAPT JAMES J. ROWAN	204-38-1541
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LTC KIRBY A. NUNN	535-14-6934	47	LLT VICTOR BADER	058-42-4674
2LT PHILLIP J. NORRIS	317-48-8472	48	LLT JACK D. WOOD	021-38-9514

11 January 1973 (Destroy all other copies)



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Maxwell AFB, AL 36112

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RETURN TO  
The Albert F. Simpson  
Historical Research Center  
Maxwell AFB, AL 36112

JAN-DEC 1973

K-50-EVAL-4713-  
HI

# HISTORICAL RECORD

of the

4713 DEFENSE SYSTEMS EVALUATION SQUADRON

for the period ending

31 MARCH 1973

3-8172-183  
ACC 32 P

ADC FORM 102  
JUL 68

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

1. REQUIRED DATA				
1. UNIT AND LOCATION		2. NAME AND GRADE OF COMMANDER		
4713 DSES Westover AFB, MA 01022		JOHN W. HARRIS, Colonel		
3. CHAIN OF COMMAND (Superior echelons)				
Hq Aerospace Defense Comand				
4. SUBORDINATE UNITS (Down to and including squadrons)				
None				
5. MISSION (Give authority and brief statement of primary mission)				
The mission of the 4713 is to equip, administer, and train all assigned or attached personnel in order to provide an electronic warfare strike force for air defense system training, exercise, and evaluation.				
6. PERSONNEL				
	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	60	293	6	359
ASSIGNED	63	304	2	369
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)				
B - 57B (1)				
B - 57E (2)				
NB - 57E (1)				
EB - 57B (5)				
EB - 57E (10)				

## II.

## COMMENTARY

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 219-3 for additional guidance.

1. The Squadron flew 1523.0 hours during the quarter ending 31 March 1973.
2. The 4713 was designated recipient of the Air Force Outstanding Unit Award by Special Order 6B-37 dated 17 January 1973 for period 1 July 70 through 30 Jun 72. It was a proud moment for all.
3. A variety of problems now afflict the 4713 - reducing flying time per pilot to slightly less than 15 hours per month. Many of the aircraft continue modifications: the Escopac Seat installation at the Martin Co. in Baltimore; the Mini Iran performed in Birmingham, Alabama by Haynes Co; and the Aims modification. These modifications deplete available airframes. Other influences adversely affecting mission effectiveness involve under-experienced maintenance personnel and overmanning of pilot personnel. NORS problems especially seem to be reducing proposed flying time for the next quarter.
4. There were 10 Aircraft incidents this quarter. One recurring problem was the faulty illumination of the fire/warning lights. This continues to subject aircrews to potentially hazardous conditions.
5. The squadron has increased training and operations meetings in order to cope with decreased pilot proficiency as a result of lower flying time. These procedures help keep pilots keen during lengthy periods of aerial inactivity. These increased supervisor's measures have been proving themselves both prudent and effective.
6. Rumors continue to circulate: Westover AFB closing; MAC replacing SAC at Westover; possible consolidation of the 4713DSES and the 4677DSES.

7. Key Personnel Roster (Unclassified)

Col John W. Harris	Commander
LtCol Kirby A. Nunn	Executive Officer
LtCol Donald G. Jones	Operations Officer
LtCol Kenneth L. Leonard	Asst Operations Officer
LtCol Lee A. Mongeon	Chief Stan/Eval
LtCol Marquis G. Witt	Chief of Training
Major Robert A. Maiden	Chief of Maintenance
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Major Marion C. Weidler	Strike Force I Commander
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Major Robert A. Finley	Chief of Plans
Major Howard J. Greene	Safety Officer
Capt Hugh F. Skerry	Pilot Commander
Capt Frederick L. Gott	A Flight Commander
Capt Thomas E. Bronson	B Flight Commander
1stLt Phillip J. Norris	Chief of Administration

8. Attached is a list of all Squadron Officers and personnel on flying status.

If necessary, to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

3-8172-183

II.

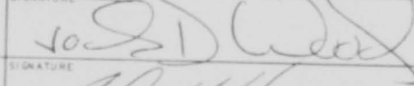
COMMENTARY (Continued)

(If more space is needed, continue on blank sheets, size 8 x 10, numbered and securely attached hereto.)

PREPARED BY (Typed name and grade of Historian)

JACK D. WOOD, 1st Lt

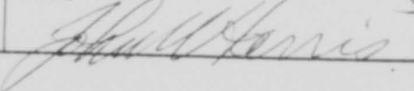
SIGNATURE



APPROVED BY (Typed name and grade of Commander)

JOHN W. HARRIS, Colonel

SIGNATURE





<u>EWOS</u>	<u>SSAN</u>	<u>CALL SIGN</u>	<u>PILOTS</u>	<u>SSAN</u>
LTC STANLEY A. RUTA	023-22-9798	01	COL JOHN W. HARRIS	237-28-7512
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LTC KIRBY A. NUNN	535-14-6934	47	1LT VICTOR BADER	058-42-4674
2LT PHILLIP J. MORRIS	317-48-8472	48	1LT JACK D. WOOD	021-38-9514

11 January 1973 (Destroy all other copies)

# HISTORICAL RECORD

of the

4713 DEFENSE SYSTEMS EVALUATION SQUADRON

for the period ending

30 JUNE 1973

FORM  
ADC JUL 69 102

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

3-8172-184

I. REQUIRED DATA																
1. UNIT AND LOCATION 4713 DSES WESTOVER AFB, MA.	2. NAME AND GRADE OF COMMANDER JOHN W. HARRIS, COLONEL															
3. CHAIN OF COMMAND (Superior echelons) HQ AEROSPACE DEFENSE COMMAND																
4. SUBORDINATE UNITS (Down to and including squadrons) NONE																
5. MISSION (Give authority and brief statement of primary mission) The mission of the 4713 is to equip, administer, and train all assigned or attached personnel in order to provide an electronic warfare strike force for air defense system training, exercise, and evaluation. Also, to maintain field level ECM Pod maintenance for Eastern U.S. serving 14 units; 63 pods.  Mission/Wartime-Responsible for support of contingency requirements existing for OPLAN 4409.																
6. PERSONNEL																
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	OFFICERS	AIRMEN	CIVILIANS	TOTAL												
AUTHORIZED	60	292	6	358												
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7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment) B-57C (1) B-57E (2) EB-57B (7) EB-57E (10)																

II.	
This part should contain significant information. It should include are: (1) operations and performance; (2) facilities; (3) other subjects bearing on mission.	
1.	The squadron flew was down from the previous
2.	There were two Air no significant recurring
3.	The Outstanding Up James Price. The squadron receiving the award.
4.	There was an Operation May through 4 June 197 Headquarters Aerospace General Inspection, Sa
5.	Squadron Maintenance the various modifications April, Maintenance local ground aborts and in
6.	30 June rounded out rib was served and a
7.	Rumors continue to that the 4713 would meet until the end of FY 19 consideration. There DSES Units or a disba
8.	Key personnel roster Colonel John W. Lt Col Kirby A. Lt Col Donald Lt Col Kenneth Lt Col Lee A. Lt Col Marquis Lt Col Stanley Major Robert Major Marion Major Albert Major Robert Lt Col Howard Capt Hugh F. Capt Frederic Capt Thomas 1st Lt Phillip
9.	Attached is a list

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

COMMANDER  
COLONEL

in all assigned or  
fare strike force for air  
to maintain field level  
pods.

requirements existing for

TOTAL
358
366

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

II. COMMENTARY

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement 1 to AFR 210-3 for additional guidance.

1. The squadron flew 1300.0 hours during the quarter ending 30 June 1973. This was down from the previous quarters flying total of 1523.0.
2. There were two Aircraft incidents this quarter, and no accidents. There were no significant recurring problems this quarter.
3. The Outstanding Unit Citation was presented to the 4713 on April 26 by General James Price. The squadron stood down and had a formation in the afternoon when receiving the award.
4. There was an Operational Readiness and General Inspection during the period 29 May through 4 June 1973. The inspections were conducted by a team representing Headquarters Aerospace Defense Command. The results were: ORI, Satisfactory; General Inspection, Satisfactory.
5. Squadron Maintenance is improving, and with the return of many aircraft from the various modification programs, the squadron's flying should be increasing. In April, Maintenance logged 6 air borts and 3 ground aborts. In May 2 air and 10 ground aborts and in June 1 air bort and 1 ground abort.
6. 30 June rounded out the quarter with a dining-out at the Officers Club. Prime rib was served and a good time was had by all.
7. Rumors continue to circulate about the squadron moving. First it was announced that the 4713 would move to Dover by September 1973. Now the move has been delayed until the end of FY 1974. Air National Guard utilization of the EB-57 is under consideration. There seems to be a strong possibility of consolidation of the two DSES Units or a disbanding of the active duty squadrons. Time will tell.
8. Key personnel roster(Unclassified)
 

Colonel	John W. Harris	Commander
Lt Col	Kirby A. Nunn	Executive Officer
Lt Col	Donald G. Jones	Operations Officer
Lt Col	Kenneth L. Leonard	Asst. Operations Officer
Lt Col	Lee A. Mongeon	Chief Stan/Eval
Lt Col	Marquis G. Witt	Chief of Training
Lt Col	Stanley A. Ruta	Staff EWO
Major	Robert A. Maiden	Chief of Maintenance
Major	Marion C. Weidler	Strike Force I Commander
Major	Albert W. Hurst	Strike Force II Commander
Major	Robert A. Finley	Chief of Plans
Lt Col	Howard J. Greene	Safety Officer
Capt	Hugh F. Skerry	Pilot Commander
Capt	Frederick L. Gott	A Flight Commander
Capt	Thomas E. Bronson	B Flight Commander
1st Lt	Phillip J. Norris	Chief of Administration
9. Attached is a list of all squadron officers and personnel on flying status.

II.	COMMENTARY (Continued)
<p><i>[Faint, illegible text in the main body of the form]</i></p>	
<p>(If more space is needed, continue on blank sheets, size 8 x 10, numbered 555 (to be attached hereto).)</p>	
PREPARED BY: (Typed name and grade of Historian)	SIGNATURE <i>Jack D. Wood</i>
APPROVED BY: (Typed name and grade of Commander)	SIGNATURE <i>John W. Harris</i>

<u>EWOS</u>	<u>SSAN</u>	<u>CALL SIGN</u>	<u>PILOTS</u>	<u>SSAN</u>
LTC JOHN K. POWERS	574-09-6078	01	COL JOHN W. HARRIS	237-28-7512
LTC STANLEY A. RUTA	023-22-9798	03	LTC DONALD G. JONES	367-24-8059
LTC JAMES A. GIBSON	528-34-3211	05	LTC KENNETH L. LEONARD	444-26-3149
MAJ DORPHAN N. PRIEST	430-30-9600	07	MAJ MARION C. WEIDLER	491-30-1563
MAJ AULAY P. CARLSON	049-26-8076	09	MAJ ALBERT W. HURST	517-36-4018
MAJ ROBERT A. FINLEY	034-18-6478	11	MAJ HOWARD J. GREENE	025-24-0197
MAJ GEORGE R. WILLIAMS JR.	033-24-6594	15	MAJ ROBERT L. LENCE	532-30-2923
MAJ DEAN A. RAPP	479-40-5535	17	CAPT HUGH F. SKERRY	020-32-6803
MAJ JUAN H. BENJAMIN	482-40-9030			
MAJ CARLE W. CURTIS	007-32-7363	21	LTC LEE A. MONGEON	039-18-4640
CAPT RONALD L. WOOTTEN	222-26-3132	23	LTC MARQUIS G. WITT	298-26-8269
CAPT NORMAN C. McMILLEN	263-66-7637	25	CAPT KEITH A. STOEHR	158-38-9869
CAPT JOHN W. JAHN II	183-34-1807	27	CAPT ERIC P. WELLNER JR.	185-36-6119
CAPT RICHARD CORRIGAN	151-34-3997	29	1LT THOMAS W. FISHBURN JR.	543-58-1443
MAJ ROBERT G. LEAHY	217-36-5005	31	1LT ROBERT E. CLAWSON JR.	356-38-5199
CAPT ROBERT D. FRATT	391-46-9719	33	CAPT CASHMAN	
CAPT WILLIAM C. THOMPSON III	234-76-8565	35	MAJ JERRY R. WEATHERBY	462-58-5448
CAPT JAMES P. MAHONEY	027-34-0054	37	CAPT ERIC J. RINEHART	521-50-5958
CAPT THOMAS G. MAIER	282-38-4880			
1LT THOMAS J. SETTECERRI	382-50-2851	41	CAPT FREDERICK L. GOTT	286-36-0915
1LT JOHN D. FARRELL JR.	575-54-7792	43	CAPT CHARLES W. WIEGREFE	467-76-0083
1LT EDWIN C. BARNES	564-76-8986	45	CAPT WAYNE A. FRITSCHEL	263-82-5348
1LT JOHN E. WINDLER	393-44-5400	47	CAPT GEORGE K. RICHARDS	546-70-2778
1LT RONALD D. VARGO	160-36-6118	49	CAPT JAMES A. TELINDA	474-48-8704
1LT VARSOGREA		51	CAPT THOMAS E. WALSH JR.	413-78-6601
2LT KINSER		53	CAPT SIDNEY F. SMITH	260-76-4091
		55	1LT ROBERT J. LETOURNEAU	476-54-0732
		71	CAPT THOMAS F. BRONSON	067-34-3287
		73	CAPT JAMES J. HOWAN	204-38-1541
		75	1LT KENNY A. ROOKE	421-62-7348
		77	1LT CHARLES E. LOVELESS	424-64-8639
		79	1LT TERRY R. LOWE	225-70-1593
<u>FLT SURGEON</u>		81	1LT VICTOR BADER	058-42-4674
CAPT FRED L. PASTERNAK	085-36-5186	83	1LT JACK D. WOOD	021-38-9514
		85	1LT STEVEN R. KNUDSEN	527-80-7611

24 April 1973 (Destroy all other copies)

781-8718-8

# HISTORICAL RECORD

of the

4713 DEFENSE SYSTEMS EVALUATION SQUADRON

for the period ending

30 SEPTEMBER 1973

ADC FORM 102  
JUL 69

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

3-8493-79



I. REQUIRED DATA																
1. UNIT AND LOCATION 4713 DSES WESTOVER AFB, MA	2. NAME AND GRADE OF COMMANDER JOHN W. HARRIS, COLONEL															
3. CHAIN OF COMMAND (Superior echelons) HQ AEROSPACE DEFENSE COMMAND																
4. SUBORDINATE UNITS (Down to and including squadrons) NONE																
5. MISSION (Give authority and brief statement of primary mission) The mission of the 4713 is to equip, administer, and train all assigned or attached personnel in order to provide an electronic warfare strike force for air defense system training, exercise, and evaluation. Also, maintain ADC field level ECM Pod maintenance for Eastern U.S. serving 14 units; 63 pods.  Mission/wartime responsible for support of contingency requirements existing for OPLAN 4409.																
6. PERSONNEL																
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7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment) B-57C (1) B-57E (2) EB-57B (7) EB-57E (10)																

II.	
This part should contain significant information which includes: (1) operations and performance; (2) facilities; (3) other subjects bearing on mission.	
1.	The 4713 flew 16 September 1973. The
2.	The 4713 has end squadron in ADC.
3.	There were four  July 13: AIMS  July 14: On a digested a bird of u  July 29: Indication approach was  August 1: Pitot flight; climb was in
4.	All ECM aircraft on 3 October.
5.	During the first nance personnel to
6.	Rumors continued to know.
7.	Key personnel re Colonel John Lt Col Kirk Lt Col Don Lt Col Ken Lt Col Mar Major Jer Lt Col John Major Rob Major Mar Captain Tho Major Rob Lt Col How Captain Fre Captain Pet 1st Lt Phi 1st Lt Jac
8.	Attached is a 1

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

COMMANDER  
COLONEL

all assigned or attached  
strike force for air de-  
maintain ADC field level  
pods.

requirements existing for

TOTAL
358
368

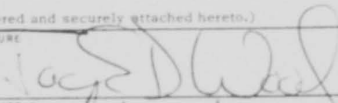
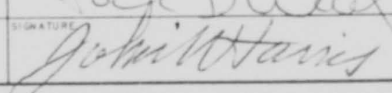
## II. COMMENTARY

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1. The 4713 flew 1600.0 hours during the first quarter of FY 1974, ending 30 September 1973. This was up from the previous quarters flying 1300.0 hours.
2. The 4713 has endured 55 months of accident free flying-making it the safest squadron in ADC.
  3. There were four incidents during the quarter.
    - July 13: AIMS altimeter hangup 10,000 feet higher than actual.
    - July 14: On a target mission, the number one engine ingested and apparently digested a bird of unknown genus.
    - July 29: Indicated airspeed, true and mach indication failed to read-a formation approach was initiated without further incident.
    - August 1: Pitot heat was delivering insufficient thermal energy for IFR flight; climb was initiated to VMC with no further complications.
4. All ECM aircraft received escapac IC-6 modification with the return of 521499 on 3 October.
5. During the first week in August flying was reduced in order to allow maintenance personnel to paint the Base Hanger.
6. Rumors continue to circulate about dates of disbanding the 4713. No one seems to know.
7. Key personnel roster(Unclassified)
 

Colonel	John W. Harris	Commander
Lt Col	Kirby A. Nunn	Executive Officer
Lt Col	Donald G. Jones	Operations Officer
Lt Col	Kenneth L. Leonard	Asst. Operations Officer
Lt Col	Marquis G. Witt	Chief Stan/Eval
Major	Jerry R. Weatherby	Chief of Training
Lt Col	John K. Powers	Staff EWO
Major	Robert A. Maiden	Chief of Maintenance
Major	Marion C. Weidler	Strike Force I Commander
Captain	Thomas F. Bronson	Strike Force II Commander
Major	Robert A. Finley	Chief of Plans
Lt Col	Howard J. Greene	Safety Officer
Captain	Frederick L. Gott	A Flight Commander
Captain	Peter B. Rogers	B Flight Commander
1st Lt	Phillip J. Norris	Chief of Administration
1st Lt	Jack D. Wood	Historical Officer
8. Attached is a list of all squadron officers and personnel on flying status.

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II.	COMMENTARY (Continued)
<small>(If more space is needed, continue on blank sheets, size 8 x 10%, numbered and securely attached hereto.)</small>	
<small>PREPARED BY (Typed name and grade of Historian)</small>	<small>SIGNATURE</small>
JACK D. WOOD, 1st Lt	
<small>APPROVED BY (Typed name and grade of Commander)</small>	<small>SIGNATURE</small>
JOHN W. HARRIS, Colonel	

<u>CALL SIGN</u>	<u>PILOTS</u>	<u>SSAN</u>	<u>EMOS</u>	
01	COL JOHN W. HARRIS	237-28-7512	LTC JOHN K. POWERS	574-09-6078
02	LTC DONALD G. JONES	367-24-8059	LTC STANLEY A. RUTA	023-22-9798
03	LTC KENNETH L. LEONARD	444-26-3149	LTC JAMES N. CALHOUN	251-38-1604
04	LTC HOWARD J. GREENE	025-24-0197		
05	MAJ MARION C. WEIDLER	491-30-1563	MAJ DORPHAN W. PRIEST	480-30-9600
06	MAJ ROBERT L. LINCE	532-30-2923	MAJ AULAY P. CARLSON	049-26-8076
07	CAPT THOMAS P. BRONSON	067-34-3287	MAJ ROBERT A. FINLEY	034-18-6478
08	CAPT PATRICK J. CASEMAN	481-48-0187	MAJ GEORGE R. WILLIAMS	033-24-6594
			MAJ DEAN A. RAFF	479-40-5535
10	LTC MARQUIS G. WITT	298-26-8269	MAJ JUAN H. BENJAMIN	482-40-9030
11	CAPT KEITH A. STORBER	158-38-9869	MAJ CARLE W. CURTIS	007-32-7363
			MAJ ROBERT G. LEAHY	217-36-5005
20	MAJ JERRY R. WEATHERBY	462-58-5448	CAPT RONALD L. WOOTTEN	222-26-3132
21	CAPT ERIC P. WELLNER	185-36-6119	CAPT NORMAN C. McMULLEN	263-66-7637
22	1 LT THOMAS W. FISHBURN	543-58-1443	CAPT JOHN W. JAHN	183-34-1807
			CAPT ROBERT D. PRATT	391-46-9719
30	CAPT FREDRICK L. GOTT	286-36-0915	CAPT WILLIAM C. THOMPSON	234-76-8565
31	CAPT WAYNE A. FRITSCHEL	263-82-5348	CAPT JAMES P. MAHONEY	027-34-0054
32	CAPT JAMES A. TELINDA	474-48-8704	CAPT THOMAS G. MALER	282-38-4880
33	CAPT THOMAS E. WALSH	413-78-6601	CAPT EDWIN C. BARNES	564-76-8986
34	CAPT SIDNEY F. SMITH	260-76-4091	CAPT THOMAS J. SETTECHERI	382-50-2851
35	1 LT ROBERT J. LETOURNEAU	476-54-0732		
36	1 LT ROBERT E. CLAWSON	356-38-5199	1 LT JOHN E. WINDLER	393-44-5400
			1 LT RONALD D. VARGO	160-36-6118
40	CAPT PETER B. ROGERS	265-62-2226	1 LT CORNELL A. VARSOGEA	382-46-4656
41	CAPT JAMES J. ROWAN	204-38-1541	1 LT JOHN W. KINSER	264-82-1313
42	CAPT KENNY A. ROOKE	421-62-7348		
43	1 LT CHARLES E. LOVELESS	424-64-8639		
44	1 LT FERRY R. LOWE	225-70-1593		
45	1 LT VICTOR BADER	058-42-4674		
46	1 LT JACK D. WOOD	021-38-9514		
47	1 LT STEVEN R. KNUDSEN	527-80-7611		
			<u>ATTACHED</u>	
			CAPT FRED L. PASTERNAK	085-36-5186

13 August 1973 (Destroy all previous copies)

<u>CALL SIGN</u>	<u>PILOTS</u>	<u>SSAN</u>	<u>EMOS</u>	
01	COL JOHN W. HARRIS	237-28-7512	LTC JOHN K. POWERS	574-09-6078
02	LTC DONALD G. JONES	367-24-8059	LTC STANLEY A. RUTA	023-22-9798
03	LTC KENNETH L. LEONARD	444-26-3149	LTC JAMES N. CALHOUN	251-38-1604
04	LTC HOWARD J. GREENE	025-24-0197		
05	MAJ MARION C. WEIDLER	491-30-1563	MAJ DORPHAN W. PRIEST	480-30-9600
06	MAJ ROBERT L. LINGE	532-30-2923	MAJ AULAY P. CARLSON	049-26-8076
07	CAPT THOMAS P. BRONSON	067-34-3287	MAJ ROBERT A. FINLEY	034-18-6478
08	CAPT PATRICK J. CASHMAN	481-48-0187	MAJ GEORGE R. WILLIAMS	033-24-6594
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41	CAPT JAMES J. ROWAN	204-38-1541	1 LT JOHN W. KINSER	264-82-1313
42	CAPT KENNY A. ROOKE	421-62-7342		
43	1 LT CHARLES E. LOVELESS	424-64-8639		
44	1 LT TERRY R. LOWE	225-70-1993		
45	1 LT VICTOR BADER	058-42-4674		
46	1 LT JACK D. WOOD	021-38-9514		
47	1 LT STEVEN R. KNUDSEN	527-80-7611		
			<u>ATTACHED</u>	
			CAPT FRED L. PASTERNAK	085-36-5186

13 August 1973 (Destroy all previous copies)

# HISTORICAL RECORD

of the

4713 DEFENSE SYSTEMS EVALUATION SQUADRON

for the period ending

31 DECEMBER 1973

ADC FORM 102  
JUL 59

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

3-8734-79

I. REQUIRED DATA				
1. UNIT AND LOCATION		2. NAME AND GRADE OF COMMANDER		
4713 DSES WESTOVER AFB, MA		JOHN W. HARRIS, COLONEL		
3. CHAIN OF COMMAND (Superior echelons)				
HQ AEROSPACE DEFENSE COMMAND				
4. SUBORDINATE UNITS (Down to and including squadrons)				
NONE				
5. MISSION (Give authority and brief statement of primary activities)				
<p>The mission of the 4713 is to equip, administer, and train all assigned or attached personnel in order to provide an electronic warfare strike force for air defense system training, exercise, and evaluation. Also, maintain ADC field level ECM Pod maintenance for Eastern U.S. serving 14 units; 63 pods.</p> <p>Mission/wartime responsible for support of contingency requirements existing for OPLAN 4409.</p>				
6. PERSONNEL				
	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	60	300	6	366
ASSIGNED	53	290	3	246
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)				
B-57C (1) B-57E (2) EB-57B (11)				



II.

## COMMENTARY

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement 1 to AFR 210-3 for additional guidance.

1. The 4713 flew 1218.4 hours during the second quarter of FY 1974, ending 31 December 1973. This figure was a decrease of 381.6 flying hours from the previous quarters 1600.0 total. Individual monthly breakdown indicates a gradual diminution of flying time: October's flying totaled 585.4; November's 364.3 and December's 268.7. Time turned back was 103.4 hours.

2. The number of aircraft assigned to the 4713 DSES has dwindled from the previous quarter's number of twenty (20 A/c: 3 duals; 7 EB57B; and 10 EB57E) to the current total of fourteen (14 a/c: 3 duals; 11 EB57B). This reduction reflects current aircraft reallocation within the command.

3. The 4713 has now endured 58 months of accident free flying. This record continues to be the best in ADC.

4. There were four incidents during the quarter. All were recorded during the month of October.

7 October: Landing gear door separated in flight due to inadvertant actuation of the landing gear handle at a higher than normal speed. Full stop landing was initiated without further incident.

9 October: A starter failure caused intake fire and required a starter dome change.

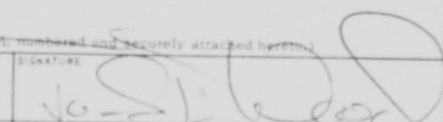
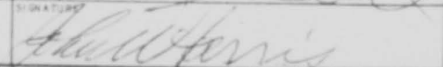
25 October: On a night VFR pattern, a locked left main brake caused tire failure shortly after touchdown. The aircraft was brought to a stop on the runway without further incident.

29 October: On a routine FCF number one engine flamed out due to corroded contacts in the fuel shut off valve control circuitry. Restart was successful and an uneventful landing was completed.

5. The holiday seasons brought much good cheer and merry making. On 14 December the squadron held a party at the American Legion in Chicopee. Wives brought food and gifts were given to the children. The next evening a squadron "Hail and Farewell" party was held at the Commander's house. It seems as though there are more farewells than hails these days. On 20 December the squadron had a Flightline Beer Party for the entire 4713th. This was a pleasant way to begin the long Christmas weekend. The New Year's weekend brought the annual Commander's reception at Colonel Harris' house and was, by all accounts, quite a success. Lastly on New Years eve the squadron had a dinner dance at the Hypoint Inn. Quite a festive month.

6. No firm dates or schedules have been released concerning the Roving Ravens' retirement. Nor have rated personnel been receiving assignments. Time moves on.

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

II. COMMENTARY (Continued)	
7. Key personnel roster (Unclassified)	
Colonel	John W. Harris Commander
Lt Col	Kirby A. Nunn Executive Officer
Lt Col	Donald G. Jones Operations Officer
Lt Col	Kenneth L. Leonard Asst. Operations Officer
Lt Col	Marquis G. Witt Chief Stan/Eval
Major	Jerry R. Weatherby Chief of Training
Lt Col	John K. Powers Staff EWO
Major	Robert A. Maiden Chief of Maintenance
Major	Marion C. Weidler Strike Force I Commander
Captain	Thomas F. Bronson Strike Force II Commander
Major	Robert A. Finley Chief of Plans
Lt Col	Howard J. Greene Safety Officer
Captain	Frederick L. Gott A Flight Commander
Captain	Peter B. Rogers B Flight Commander
1st Lt	Phillip J. Norris Chief of Administration
1st Lt	Jack D. Wood Historical Officer
8. Attached is a list of all squadron officers and personnel on flying status.	
(If more space is needed, continue on blank sheets, size 8 x 11, numbered and securely attached hereto.)	
PREPARED BY (Typed name and grade of Historian)	SIGNATURE
JACK D. WOOD, 1st Lt	
APPROVED BY (Typed name and grade of Commander)	SIGNATURE
JOHN W. HARRIS, Colonel	

<u>CALL SIGN</u>	<u>PILOTS</u>	<u>SSAN</u>	<u>EMOS</u>	
01	COL JOHN W. HARRIS	237-28-7512	LTC JOHN K. POWERS	974-09-6078
02	LTC DONALD G. JONES	367-24-8059	LTC STANLEY A. RUTA	023-22-9798
03	LTC KENNETH L. LEONARD	444-26-3149	LTC JAMES N. CALHOUN	251-38-1604
04	LTC HOWARD J. GREENE	025-24-0197		
05	MAJ MARION C. WKIDLER	491-30-1563	MAJ DORPHAN N. PRIEST	480-30-9600
06	MAJ ROBERT L. LINCIE	532-30-2923	MAJ AULAY P. CARLSON	049-26-8076
07	CAPT THOMAS F. BRONSON	067-34-3287	MAJ ROBERT A. FINLEY	034-18-6478
08	CAPT PATRICK J. CASHMAN	481-48-0187	MAJ GEORGE R. WILLIAMS	033-24-6594
			MAJ DEAN A. RAPP	479-40-5535
10	LTC MARQUIS G. WITT	298-26-8269	MAJ JUAN H. BENJAMIN	482-40-9090
11	CAPT KEITH A. STOEBER	158-38-9869	MAJ CARLE W. CURTIS	007-32-7363
			MAJ ROBERT G. LEAHY	217-36-5005
20	MAJ JERRY R. WEATHERBY	462-58-5448		
21	CAPT ERIC P. WELLNER	185-36-6119	CAPT RONALD L. WOOTTEN	222-26-3132
22	1 LT THOMAS W. FISHBURN	543-58-1443	CAPT NORMAN C. McMULLEN	263-66-7637
			CAPT JOHN W. JAHN	183-34-1807
30	CAPT FREDRICK L. GOTT	286-36-0915	CAPT ROBERT D. PRATT	391-46-9719
31	CAPT WAYNE A. FRITSCHEL	263-82-5348	CAPT WILLIAM C. THOMPSON	234-76-8565
32	CAPT JAMES A. TELINDA	474-48-8704	CAPT JAMES P. MAHDNEY	027-34-0054
33	CAPT THOMAS E. WALSH	413-78-6601	CAPT THOMAS G. MALER	282-38-4880
34	CAPT SIDNEY P. SMITH	260-76-4091	CAPT EDWIN C. BARNES	564-76-8986
35	1 LT ROBERT J. LESTOURNEAU	476-54-0732	CAPT THOMAS J. SETTECERRI	382-50-2851
36	1 LT ROBERT E. CLAWSON	356-38-5199		
			1 LT JOHN E. WINDLER	393-44-5400
40	CAPT PETER B. ROGERS	265-62-2226	1 LT RONALD D. VARGO	160-36-6118
41	CAPT JAMES J. ROWAN	204-38-1541	1 LT CORNELL A. VARSOGEA	382-46-4656
42	CAPT KENNY A. ROOKE	421-62-7348	1 LT JOHN W. KINSER	264-82-1313
43	1 LT CHARLES E. LOVELESS	424-64-8639		
44	1 LT TERRY R. LOWE	225-70-1593		
45	1 LT VICTOR BADER	058-42-4674		
46	1 LT JACK D. WOOD	021-38-9514		
47	1 LT STEVEN R. KNUDSEN	527-80-7611		
			<u>ATTACHED</u>	
			CAPT FRED L. PASTERNAK	085-36-5186

12 August 1973 (Destroy all previous copies)



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K-Sq-F1-5-111 Oct-Dec 1972	RETURN TO X
Director Aerospace Systems Inst ATTN: Analysis Branch 3700 Phillips Rd Wright-Patterson AFB, OH 45433	

*History*  
*5 Fighter Interceptor Squadron*  
*1 Oct - 31 Dec 72*

3-7696-1  
900381

Distribution This report is for the use of the recipient only.	HISTORY TO 10-1-5-74 10-1-5-74 10-1-5-74
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# HISTORICAL RECORD

of the

5th Fighter Interceptor Squadron

for the period ending

December 1972

3-7696-1  
900321

ATCH 2

ADC FORM 102 JUL 49

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

I. REQUIRED DATA				
1. UNIT AND LOCATION 5th Fighter Interceptor Squadron Minot Air Force Base, North Dakota		2. NAME AND GRADE OF COMMANDER Joseph L. Phinney, Col Commander		
3. CHAIN OF COMMAND (Superior echelons) Hq 24th NORAD Region, Malmstrom AFB, Montana Hq Aerospace Defense Command, Ent AFB, Colorado				
4. SUBORDINATE UNITS (Down to and including squadrons) Det 1, 5FIS, Logan Field, Billings, Montana				
5. MISSION (Give authority and brief statement of primary mission)  PRIMARY MISSION: To achieve and maintain a level of operational readiness which will enable the squadron to destroy airborne targets under all conditions of weather during daylight and darkness. Authority: AFM 20-6.				
6. PERSONNEL				
	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	40	466	10	516
ASSIGNED	41	478	9	528
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)				
F-106A	17	T-33A	3	
F-106B	2			

PERSONNEL: Of  
problems encount  
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II.

## COMMENTARY

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 210-3 for additional guidance.

OPERATIONS: The quarter started with quite a different type activity. On 17 October the USAF Inspector General Team led by BGen Robin Olds arrived at the squadron for a Unit Effectiveness Inspection (UEI). The squadron received an overall SATISFACTORY on the inspection. The 5FIS was selected as the F-106 unit to test the new Operational Readiness Inspection (ORI) rules for flying criterion. This new set of rules included the airborne weapon system test. The ORI team led by Col Wainwright visited the squadron on 26 October to see first hand the various problems as well as the improvements made over the old system. The squadron flew an impressive 30 sorties for these tests with close to outstanding results. During this quarter, the pilots flew in two night exercises - on 1 Nov Feudal Keynote 73-1, and again on 28 Nov Feudal Brave 73-1, resulting in much valuable training and experience on the realistic type ECM and chaff targets. The 5FIS was also selected to send aircraft to McChord AFB, WA to participate in the testing of the Airborne Warning and Control System. AWACS utilizes a modified C-135 to provide an airborne radar network which can provide warning of approaching hostile aircraft as well as direct the interceptors to the targets. The highlight of the quarter was the deployment to Tyndall AFB, FL, for College Dart, Air Combat Tactics with dissimilar type aircraft. During the three-week period, 25 Nov to 16 Dec, the 5FIS flew against units from Tactical Air Command, the U.S. Navy, and the U.S. Marine Corps. The pilots were very impressed and enthusiastic toward this type training and returned to Minot with a new knowledge of tactics for dissimilar aircraft and passed this information on to the rest of the squadron. It is indeed a credit to the squadron to have been selected for these assignments and an outstanding reflection upon the maintenance capabilities in the squadron to maintain the aircraft in support of these varied missions. Flying hours for the quarter follow:

	<u>Quarter</u>	<u>Allocation</u>
F-106	1370.8	1392
T-33	391.4	410

MAINTENANCE: For the quarter, the F-106 performance indicators were stable. The average rates for the quarter were OR-77.4%, NORM-21.2%, NORS-1.4%. The NORS rate of 0.5% for December was the lowest attained since May 72. This reflects the effort put forth by Materiel Control in exploring all available supply channels before declaring a NORS condition. The cannibalization also decreased in December indicating a favorable trend and re-emphasizing Materiel Control's efforts. There were 792 sorties and 1371 hours flown during the quarter. The abort rate increased from the previous quarter, however, no significant trend was noted. Cracked windshields did cause four of the aborts, 11.1% of total aborts. No cause was determined on these, however, it has been a point of interest by all concerned. The code III sortie breaks decreased 35% from the previous quarter and there was also a reduction in turn around time which dropped to 8.9 hours in December. The base self sufficiency rate continued to be high with an average of 97.8% which is 2.8% above Air Force standards. The squadron was the nominee of the 24AD for the Air Force Maintenance Daedalian Trophy Award.

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

## COMMENTARY (Continued)

II.

**PUBLIC RELATIONS:** 5FIS continued its tradition of promoting better relationships with local civilians by hosting numerous parties and other social events at which businessmen, farmers, and dignitaries from the surrounding area were guests. This quarter, well over 100 civilians attended one or more of the squadron social events. In addition, several groups such as boy scouts, etc., including a group of Royal Canadian Sea Cadets, were given a tour of the squadron facilities and shown a static display of the F-106 and T-33 aircraft. All incoming personnel to Minot AFB were also briefed on the 5FIS mission and were given a close-up look at an F-106 as part of the base orientation program. Six pilots visited the Air Force Academy and briefed the members of Cadet Squadron 30, which is sponsored by the Fifth. They also attended a Dining-In hosted by the cadet squadron.

**DISTINGUISHED VISITORS:** BGen Robin Olds, USAF Inspector General Team Chief, visited the 5FIS on an Unit Effectiveness Inspection from 17 to 20 Oct. Mr. Warren Sands, Chairman, Minot Chamber of Commerce, and Mr. Kenneth Engberg, Mayor of Crosby, North Dakota, were guests at several squadron functions.

(If more space is needed, continue on blank sheets, size 8 x 10%, numbered and securely attached hereto.)

PREPARED BY (Typed name and grade of Historian)

WILLIAM D MINER, 1Lt, Asst Historian

SIGNATURE

*William D. Miner*

APPROVED BY (Typed name and grade of Commander)

JACK H SANDSTROM, LtCol

SIGNATURE

*Jack H. Sandstrom*



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K-50-FI-S-HI  
JAN - DEC 1973

RETURN TO  
The Albert F. Simpson  
Historical Research Center  
Maxwell AFB, AL 36112

3-8172-6  
3-8172-7  
3-8493-4  
3-8734-2  
9003002

RETURN TO  
The Albert F. Simpson  
Historical Research Center  
Maxwell AFB, AL 36112

K-50-FI-5-HI  
JAN-DEC 1973

# HISTORICAL RECORD

of the

5th Fighter Interceptor Squadron

for the period ending  
March 1973

3-8172-6  
900302

FORM  
ADC JUL 69 102

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

I. REQUIRED DATA				
1. UNIT AND LOCATION		2. NAME AND GRADE OF COMMANDER		
5th Fighter Interceptor Squadron Minot Air Force Base, North Dakota		Jack H Sandstrom, LtCol Commander		
3. CHAIN OF COMMAND (Superior echelons)				
Hq 24th NORAD Region, Malmstrom AFB, Montana Hq Aerospace Defense Command, Ent AFB, Colorado				
4. SUBORDINATE UNITS (Down to and including squadrons)				
Det 1, 5FIS, Logan Field, Billings, Montana				
5. MISSION (Give authority and brief statement of primary mission)				
PRIMARY MISSION: To achieve and maintain a level of operational readiness which will enable the squadron to destroy airborne targets under all conditions of weather during daylight and darkness. Authority: AFM 20-6				
6. PERSONNEL				
	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	40	466	10	516
ASSIGNED	41	445	9	495
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)				
F-106A	17	T-33A	3	
F-106 B	2			

OR Rate  
Norm Rate  
NORS Rate  
Sorties Flown  
Hours Flown

NOTE: The data for this unit was in the

PERSONNEL: Manning quarter. The one ar though it is still crit shortages which were 31 Mar are as follow Mechanic 424X0 (66% Maintenance 316X1L 113.5% manning in the manning at only 42.9

Billings Authorized  
Billings Assigned



Col
ational targets
TOTAL
516
495

	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>
OR Rate	81.7	80.4	75.9
Norm Rate	17.2	19.6	22.7
NORS Rate	1.1	0.0	1.4
Sorties Flown	176	99	234
Hours Flown	354	166	480

NOTE: The data for January and February should be used with caution since this unit was in the depot modification at that time.

PERSONNEL: Manning has continued to be a problem throughout the entire quarter. The one area where there has been a significant improvement, even though it is still critically undermanned is the Fuel System Mech. Other shortages which were also considered critical, with the percent manned as of 31 Mar are as follows: Maintenance Analysis 391X0A (66%); Fuel System Mechanic 424X0 (66%); Egress System Mechanic 422X2 (25%); Missile Maintenance 316X1L (63%). Overall the squadron was 95.6% manned with 113.5% manning in the three level, 68.3% in the seven level with munition manning at only 42.9%.

	<u>Officers</u>	<u>Airmen</u>	<u>Civilians</u>	<u>Total</u>
Billings Authorized	2	67	0	69
Billings Assigned	2	68	0	70

3-8172-6

ii. COMMENTARY


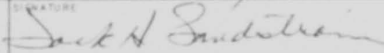
This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement 1 to AFR 219-3 for additional guidance.

OPERATIONS: To get the New Year off to a great start, the Aerospace Defense Command Operational Readiness Inspection (ORI) Team led by Col Wainwright, arrived at the 5th Fighter Interceptor Squadron on 3 Jan 73. The ORI was conducted under the old rules for flying criterion. The squadron received an overall Satisfactory rating for the Operational Readiness Inspection. Immediately following the ORI the squadron aircraft were scheduled for a major modification (Block "S") at Hamilton AFB, CA. The first aircraft departed Minot on 8 Jan 73. This new modification included the BORS system as well as other modifications to the MA-1 fire control system. The 5FIS was the first fully operational Air Force squadron to get the clear canopy for all its aircraft during the Block "S" modification. The last aircraft returned from Block "S" on 28 Feb 73. During these two months with most of our aircraft at Block "S" we still flew 275 sorties in the 60-day period which is a highly significant achievement for the maintenance personnel and lives up to the 5FIS position as the best F-106 squadron in ADC. The 5FIS welcomed a new commander of the 5FIS, at a Change of Command Ceremony on 19 Jan 73. LtCol Jack H. Sandstrom relieved Col Joseph L. Phinney. LtCol Sandstrom came to the 5FIS from the 87FIS at K. I. Sawyer AFB, Michigan, where he was the operations officer. Flying hours for the quarter are as follows:

	<u>Quarter</u>	<u>Allocated</u>
F-106	1000	1024
T-33	304.9	400

MAINTENANCE: The 5FIS was involved in a major modification (Block "S") of the Integrated Fire Control System (MA-1) and a new canopy installation. The first aircraft departed Minot AFB on 8 Jan 73 as scheduled with the last input aircraft departing Minot AFB on 30 Jan 73. The first aircraft arrived back at Minot on 2 Feb and the last aircraft returned on 28 Feb 73. All aircraft arrived back at Minot either on or ahead of schedule. At the end of the modification program we were four days ahead of schedule. We were the only unit until this time that had processed aircraft through this modification on or ahead of schedule. The approximately 35 5FIS maintenance personnel TDY to Hamilton AFB readied for and received aircraft from AFLC depot team without any delays. Quality Control inspectors and test flight crews were also provided by 5FIS. No problems were encountered in any phase of this modification by either AFLC or 5FIS personnel. While the aircraft were at the modification the maintenance personnel at Minot AFB were modifying the test benches and other equipment so that it would be compatible with the modified aircraft. This was accomplished before any of the aircraft returned to Minot. The performance indicators for this reporting period were as follows:

If necessary, to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

II. COMMENTARY (Continued)	
<p>PUBLIC RELATIONS: In the first quarter of 1973 the 5FIS continued its usual emphasis on maintaining good public relations with the neighboring community. Over 400 people toured the squadron facilities and saw static displays of aircraft, a movie about William Tell '70, the squadron mascots and the flight simulator. Included in the tours were nearly 100 Canadian Military Cadets, and 30 members of the Chamber of Commerce Military Affairs Committee from Minot, ND.</p> <p>DISTINGUISHED VISITORS: In February, the squadron officers held a Dining-In which was attended by many past squadron members, as well as over 150 civilians from surrounding communities. Senator Barry Goldwater was the guest of honor for the affair, which was also attended by Senator Quentin Burdick and Congressman Mark Andrews of North Dakota. In addition three past squadron commanders of the 5FIS were present: Col Joseph L Phinney, Col Donald J Parsons, and LtCol Vander Smith.</p>	
(If more space is needed, continue on blank sheets, size 8 x 10", numbered and securely attached hereto.)	
PREPARED BY: (Typed name and grade of Historian)	SIGNATURE
DAVID G COOPER, Capt	
APPROVED BY: (Typed name and grade of Commander)	SIGNATURE
JACK H SANDSTROM, LtCol	

# HISTORICAL RECORD

of the

5th Fighter Interceptor Squadron

for the period ending

June 1973

3-8172-7

ADC FORM 102  
JUL 69

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

I. REQUIRED DATA				
1. UNIT AND LOCATION 5th Fighter Interceptor Squadron Minot Air Force Base, North Dakota		2. NAME AND GRADE OF COMMANDER Jack H. Sandstrom, LtCol Commander		
3. CHAIN OF COMMAND (Superior echelons) Hq 24th NORAD Region, Malmstrom AFB, Montana Hq Aerospace Defense Command, Ent AFB, Colorado				
4. SUBORDINATE UNITS (Down to and including squadrons) Det 1, 5FIS, Logan Field, Billings, Montana				
5. MISSION (Give authority and brief statement of primary mission)  PRIMARY MISSION: To achieve and maintain a level of operational readiness which will enable the squadron to destroy airborne targets under all conditions of weather during daylight and darkness. Authority: AFM 20-6				
6. PERSONNEL				
	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	40	466	10	516
ASSIGNED	42	423	9	474
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)				
F-106A	17	T-33A	3	
F-106B	2			

aircraft successfully, consider our method for this unit permission to (Installation of External with no problems, reflect update our aircraft as

5FISq deployed on a Co exercise in two weeks. efficiency of the maintenance under unusual conditions.

PERSONNEL: Manning The 5FIS is still only 60% on hand we are 112.5% manning 7-level shortage was in Maintenance with 71.4% at end of Jun 73. The breakdown follows: to the three legions Manning at the detachment

Billings Authorized  
Billings Assigned

PER  
LtCol

aircraft successfully, the depot sent a representative to Minot AFB to consider our method for the remaining F-106 fleet. Also, depot granted this unit permission to complete a depot level TCTO 1-1-F-106-1103 (Installation of External Tanks Support Beam). This TCTO was completed with no problems, reflecting the unit ability, expertise, and desire to update our aircraft as quickly as possible.

5FISq deployed on a College Pike exercise and completed the three week exercise in two weeks. This early completion reflects the efforts and efficiency of the maintenance personnel to maintain flyable aircraft under unusual conditions.

PERSONNEL: Manning at the 7-level has become a continuing problem. The 5FIS is still only 68.3% manned at supervisory AFSCs. On the other hand we are 112.5% manned at the 3-level. The hardest hit areas for the 7-level shortage was in Munitions Maintenance, only 50% manned, and Field Maintenance with 71.4% manning. There were 128 airmen in training at the end of Jun 73. The breakdown as to the skill level being trained are as follows: to the three level 7; to the five level 101; and to the seven level 20. Manning at the detachment continued to be over 100% of that authorized.

	<u>Officers</u>	<u>Airmen</u>	<u>Civ</u>	<u>Total</u>
Billings Authorized	2	67	0	69
Billings Assigned	2	68	0	70

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etargets

TOTAL

516

474

3-8172-7

## II.

## COMMENTARY

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 219-3 for additional guidance.

OPERATIONS: The 5th Fighter Interceptor Squadron participated in a variety of exercises and training missions during this period. On 23 May the squadron took part in Amalgam Arrow 73-7, and on 12 and 13 June in Feudal Brave 73-3. Both exercises provided challenging and realistic ECM and CHAFF targets for the interceptor pilots. All squadron pilots and aircraft deployed to Tyndall AFB, FL to take part in College Pike 73 from 29 Apr through 19 May 1973. All pilots fired an ATR and several fired AIM 4F and AIM 4G missiles. Lt David Hann knocked down a two target with an AIM 4G, but Lt Richard Wenger was the hero of the firing by getting the closest ATR shot, and getting a direct hit on the Drone with an AIM 4F. The 5FIS is proud to welcome LtCol Dennis M Harper as the new operations officer. LtCol Harper comes to the 5FIS from the 87FIS at K.I. Sawyer AFB, MI. High point of the quarter for the 5FIS was on 30 May when Capt Ronald D Maness became the youngest pilot in the history of the 5FIS to win the coveted award of Master of Air Defense (MAD). To obtain a MAD Capt Maness had to pass numerous written and oral examinations, conduct live intercepts as a Ground Controlled Intercept Controller, pass a F-106 Air Combat Tactic flight check, a simulator check, and a F-106 back seat hooded intercept flight check. All members of the squadron are extremely proud of his achievement. Flying time for the quarter is as follows:

	<u>Quarter</u>	<u>Allocation</u>
F-106	1446.0	1380
T-33	400.0	375

MAINTENANCE: The F-106 performance indicators for this reporting period were as follows:

	<u>APR</u>	<u>MAY</u>	<u>JUN</u>
OR Rate	77.2	79.9	84.2
NORM Rate	21.3	19.9	15.2
NORS Rate	1.4	0.2	0.7
Sorties Flown	261	269	251
Hours Flown	542	504	400

The NORS rate for May was the lowest for any operational month in the twelve month period. The average abort rate was 2.3% for the period. The abort rate for May was 3.6%, however these were caused by unrelated problems on numerous different aircraft. The average sortie turn around time for the period was 10.5 hours and an average of 84 broken (Code III) sorties.

The accomplishment of TCTOs by this unit has high priority. During the reporting period we received 1485.3 TCTO hours and we expended 957.4 TCTO hours towards accomplishment. When TCTO 1-1-F-106-1119 was issued, all units were having problems in completing this TCTO as instructed. However, the 5FIS re-evaluated the instructions and with some slight changes, was able to make it a workable TCTO. Our recommendations were reviewed by the depot and permission was granted to proceed. After we had completed seventeen



## II.

## COMMENTARY

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 215-3 for additional guidance.

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ii.

## COMMENTARY (Continued)

PUBLIC RELATIONS: During the second quarter of 1973, 5FIS continued to pursue an aggressive policy of community relations. In April, an F-106 was sent to Houston, Texas to pick up a lunar sample to be shown at the "International Conservation Festival" held in Bottineau, ND. The samples were seen by thousands of local civilians. Later in the month, a light aircraft trapped above an overcast was "rescued" by a 5FIS interceptor, and led down through the weather to safety. During the quarter, 13 separate tours of squadron facilities were conducted. Over 400 people attended the tours, including local school students, CAP cadets, Canadian Cadets, and local civilian organizations. Also a three ship "missing man" formation fly-by was made over the base chapel in connection with the "Day of Recognition and Remembrance" for the Viet Nam POWs and MIAs.

(If more space is needed, continue on blank sheets, size 8 x 10%, numbered and securely attached hereto.)

PREPARED BY (Typed name and grade of Historian)

DAVID G COOPER, Capt

SIGNATURE

*David G Cooper*

APPROVED BY (Typed name and grade of Commander)

JACK H SANDSTROM, LtCol

SIGNATURE

*Jack H Sandstrom*

# HISTORICAL RECORD

of the

5th Fighter Interceptor Squadron (ADC)

for the period ending  
September 1973

FORM  
ADC JUL 68 102

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

3-8493-4

I. REQUIRED DATA				
1. UNIT AND LOCATION 5th Ftr Intcp Sq Minot AFB, ND 58701		2. NAME AND GRADE OF COMMANDER Jack H. Sandstrom, LtCol		
3. CHAIN OF COMMAND (Superior echelons) 24th NORAD Region Hq ADC				
4. SUBORDINATE UNITS (Down to and including squadrons) Det 1, 5FISq, Billings, MT				
5. MISSION (Give authority and brief statement of primary mission) To achieve and maintain a level of operational readiness which will enable the squadron to destroy airborne targets under all conditions of weather during daylight and darkness. AFM 20-6.				
6. PERSONNEL				
	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	40	497	10	547
ASSIGNED	43	462	10	515
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)				
F-106 A - 17		T-33 - 3		
F-106 B - 2				

of only 38.3 hours

5FIS deployed on successful event unit involved ir than were origin the maintenance conditions. Also showing in this e

PERSONNEL: T however, we stil only 86.3% man for the quarter. An area of impro previous quarter This has now dec unit's capability has been of a con soon as most of they receive PCS

Billings Authorize  
Billings Assigned

Col

1.11 and reassemble securely by stapling in upper left-hand corner.

II.

of only 38.3 hours at the end of this quarter.

5FIS deployed on Coronet Organ IX, a multi-command exercise, which was a most successful event. Maintenance was able to provide more OR aircraft than any other unit involved irregardless of command, which resulted in 5FIS flying more missions than were originally programmed. The operation reflected the effort and desire of the maintenance personnel to provide flyable aircraft under less than desirable conditions. Also, we received written praise from the other commands on our showing in this exercise.

PERSONNEL: The maintenance area manning figures were fairly constant, however, we still remain short in experienced supervisory personnel. 5FIS was only 86.3% manned in 7-level personnel and 78.6% manned in 9-level personnel for the quarter. This gap is being filled with lesser experienced 5-level personnel. An area of improvement is the 3-level impact which has decreased from the previous quarter. The 3-level manning for the period Apr-Jun 73 was 103.9%. This has now decreased to 87.9%. The 3-level manning decrease reflects on this unit's capability to upgrade personnel in a desirable time frame. One problem that has been of a continuing nature is the rapid turnover of personnel. In short, as soon as most of our people get trained, upgraded and have equipment experience, they receive PCS orders, which requires continuous in-depth training programs.

	<u>Offr</u>	<u>Amn</u>	<u>Civ</u>	<u>Total</u>
Billings Authorized	2	67	0	69
Billings Assigned	2	69	0	71

will enable  
weather

TOTAL

7

5

II.

## COMMENTARY

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 219-3 for additional guidance.

OPERATIONS: During this period, the 5FIS participated in a variety of exercises and training missions. On 10 July, we participated in Snowtime, a SAC/NORAD multi-region exercise. On 19 July, the 5FIS practiced mobility procedures by staging a simulated deployment that required processing of personnel and military equipment. Both F-106s and T-33s of the 5FIS flew in the NORAD level 3 operation, Amalgam Arrow 74-1 on 25 July. On 10 August the squadron flew in exercise Fuedal Gold 74-1 for 24th Air Division. The biggest highlight of the period occurred 13 August through 19 August when 5FIS deployed to Nellis AFB for Coronet Organ IX. This exercise allowed ADC and TAC to evaluate the effectiveness of each command's tactics and equipment. The squadron F-106 aircraft performed admirably against F-4, F-106 and F-111 adversaries. Coronet Organ IX was followed shortly on 29 August by 24th Air Division level 1-5 exercise, Fuedal Brave 74-1. The exercise schedule for September was initiated by Fuedal Keynote 74-2 on 12 Sep. This was a 24th Air Division special test of its member squadrons. Once again, the 5FIS provided 24th Air Division with excellent support. Mobility procedures were again evaluated on 18 Sep. Another high spot of the period was on 25-26 Sep with the occurrence of 24th AD NORAD Operational Evaluation in which the 5FIS flew 52 sorties to help the division receive an overall satisfactory rating. Quarterly flying time figures:

	<u>Allocation</u>	<u>Flown</u>
F-106	1480	1481
T-33	368	368

MAINTENANCE: The F-106 performance indicators were stable for the reporting period which represents the maintenance personnel efforts to provide operationally ready aircraft. The indicators were as follows:

	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>
OR Rate	78.5	79.9	80.8
NORM Rate	19.9	19.3	19.2
NORS Rate	1.6	0.8	0.0
Sorties Flown	271	277	235
Hours Flown	515	518	448

The NORS rate for the period remained constant at an average 0.8%. This reflects the efforts of Material Control to provide required spares. The average abort rate was 3.6% for the quarter which was 1.3% above the previous quarter. A review of the abort causes for this quarter revealed no unusual trend. Only two aircraft had aborts for all three months, however these aborts reflected unrelated causes on all occasions. The average turn around time for the period was 10.4 hours with an average of 94 broken (Code III) sorties.

The unit's ability and priority given to TCTO accomplishment are reflected by the fact that we accomplished 1681.7 TCTO hours, leaving a workable backlog

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling to upper left-hand corner.

II. COMMENTARY (Continued)	
<p>PUBLIC RELATIONS: During the 3rd quarter of 1973 in an effort to continue pursuing an aggressive policy of community relations, 5FIS donated two of its Canadian Lynx to the Minot Zoo. 5FIS also participated in Minot AFB's Open House, Northern Neighbor's Day, by supplying numerous displays of life support, aircraft, and concessions to the public. The static displays were all manned with pilots to answer any questions the people had. Our squadron commander, LtCol Jack H Sandstrom, led a four-ship flyby and extended full cooperation to the base by providing escorts for the Canadian aerial team, the Snowbirds, and hanger space for SAC displays and concessions. Over 400 people personally visited the 5FIS operations building that day to receive F-106 information, use the concessions and see our Lynx. We sent an F-106 to the Moosejaw Canada open house and air show to be a static display and Capt Edward Grump personally flew his homemade BD 4 to the show upon request. Air Force Academy Cadets were given a ride in the F-106 in September. LtCol Ronald Mills was honored locally as a long-time member of 5FIS for having completed 5000 hours of accident free flying time in fighter type aircraft. Capt George D Brooks was selected as the Minot AFB Junior Officer of the Quarter for Jul-Sep 73.</p>	
<p>(If more space is needed, continue on blank sheets, size 8 x 10, numbered and securely attached hereto.)</p>	
<p>PREPARED BY (Typed name and grade of Historian)</p> <p>CHARLES L STEELE, JR, 2Lt</p>	<p>SIGNATURE</p> <p><i>Charles L Steele Jr</i></p>
<p>APPROVED BY (Typed name and grade of Commander)</p> <p>JACK H SANDSTROM, LtCol</p>	<p>SIGNATURE</p> <p><i>Jack H Sandstrom</i></p>





# HISTORICAL RECORD

of the

5th Fighter Interceptor Squadron (ADC)

for the period ending  
December 1973

FORM  
ADC JUL 69 102

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

3-8734-2

I. REQUIRED DATA				
1. UNIT AND LOCATION 5th Fighter Interceptor Squadron Minot AFB, North Dakota 58701		2. NAME AND GRADE OF COMMANDER Jack H Sandstrom, LtCol, USAF		
3. CHAIN OF COMMAND (Superior echelons) 24th Air Division, Malmstrom AFB, MT Hq ADC, Ent AFB, CO				
4. SUBORDINATE UNITS (Down to and including squadrons) Det 1, 5FISq, Logan Field, Billings, MT				
5. MISSION (Give authority and brief statement of primary mission) To achieve and maintain a level of operational readiness which will enable the squadron to destroy airborne targets under all conditions of weather during daylight and darkness. AFM 20-6				
6. PERSONNEL				
	OFFICERS	AIRMEN	CIVILIANS	TOTAL
AUTHORIZED	40	447	9	496
ASSIGNED	44	495	9	548
7. EQUIPMENT (Give official nomenclature and quantity of mission-type equipment)				
F-106A	17	T-33	3	
F-106B	2			

NORS-F  
Sorties Flown  
Hours Flown

The reduction in the f  
of higher headquarter  
programs. Although  
operational commitm  
accomplish additional  
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hard work and desire  
tasks assigned.

PERSONNEL: The o  
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constant at 112% and  
problem in retaining

Billings Manning:



ii.

## COMMENTARY

This part should contain significant information relating to your unit's mission performance. Some basic subjects to include are: (1) operations and training; (2) changes to primary equipment such as radars, aircraft, etc.; (3) equipment performance; (4) facilities; (5) maintenance and supply problems; (6) personnel matters affecting the mission; (7) any other subjects bearing on mission performance. See ADC Supplement I to AFR 210-3 for additional guidance.

OPERATIONS: 5FIS began this period by sending a weapons load team, headed by TSgt James Koumis, to the 3rd annual load competition at Tyndall AFB, FL. The team competed against all ADC active and air national guard squadrons. Our team placed 7th overall with 2,341 points, missing first place by 117 points. The period's highlight occurred October 13-20 when 5FIS deployed a number of its aircraft and personnel to Miramar Naval Air Station, CA. The purpose of the deployment was to conduct dissimilar aircraft aerial combat tactics training with Navy Fighter Squadron VF-154, the Black Knights. Emphasis on complete, accurate, objective, flight debriefings, devoid of partisan emotionalism, resulted in a factual interchange of ideas concerning aircraft performance and tactics concepts. Spitten Kitten Commander, LtCol Jack H Sandstrom, and Deployment Commander, LtCol Leland Wolford, considered the exercise a tremendous success. 122 aircraft engagements were flown without one safety incident. On 23 Oct, 5FIS participated in a 24th Air Division Feudal Gold exercise. It was a level five exercise meaning that the interceptor pilots worked without the help of ground control to intercept and destroy the targets. On 29 Oct, two of our aircraft were deployed to Tyndall AFB, FL to fire missiles and rockets. This is done periodically to check both the aircraft and weapons under actual firing conditions. 6 Nov began a level 1-3 Feudal Brave exercise for 24th Air Division in which our interceptor pilots worked with ground control to be guided to the evasive target aircraft. It was mid-November through December that energy conservation programs became the immediate objective of all military personnel. Higher headquarters directives reduced flying hours and 5FIS has since devoted all allotted flying time to maintain its vital role of protection for the United States by working to achieve maximum training and proficiency from every flying hour. Based upon Air Force requirements, self-imposed requirements, and the job requirements themselves, i.e., adverse weather, advanced high performance enemy aircraft with highly deceptive equipment, this proves to be a tough job demanding 100% effort all the time.

	Authorized	Flown
F-106	1188	1208
T-33	250	243

MAINTENANCE: The F-106 performance for this quarter indicates a stable condition which reflects well on the maintenance accomplishments. However, in comparing the aircraft status statistical data to prior periods consideration should be given to the reporting change (AFM 65-110) that now charges flyable NORM, NORS conditions to the units. The indicators were as follows:

	OCT	NOV	DEC
O/R Rate	77.8	74.1	77.3
NORM-G	15.5	22.6	17.2
NORM-F	0.4	0.1	0.6
NORS-G	1.8	0.4	0.5

If necessary to facilitate typing, separate by tearing along fold and reassemble securely by stapling in upper left-hand corner.

II.

## COMMENTARY (Continued)

PUBLIC RELATIONS: Community relations in these days of shortages can no longer be achieved by accepting invitations for fly-bys and approving requests of community leaders for aircraft rides. As a direct result, it is the immediate goal of 5FIS to pursue an aggressive policy of public relations by "talking Air Force." The chief means of doing the job is squadron tours, especially for the young, knowing the influence they have on national policy. 1 October the squadron was toured by a group of Latter Day Saints who had the privilege of watching a local F-106 formation departure and landing. On 19 Oct a complete tour of operations with film briefing and visit to both F-106 and T-33 static displays was given to Minot's Junior ROTC. There were 65 cadets that attended. On 23 Oct, 40 Canadian cadets from Carlile, Sask. visited for a tour of operations and static displays. On 8 Nov a personalized tour was given to an area civilian with an interest in our mission and success. On 22 Dec the highlight was when 200 Minot children accepted a tour of our operations with film briefing and interviews with F-106 and T-33 pilots at their respective aircraft. It proved to be a fun and important day for "talking Air Force." There were also nine personal letters answered with squadron patches, history, pictures and other items. In short, 5FIS will always have pride and professionalism to display to the public regardless of availability of aircraft for fly-bys and air work.

(If more space is needed, continue on blank sheets, size 8 x 10 1/2, numbered and securely attached hereto.)

PREPARED BY (Typed name and grade of Historian)

Charles L Steele, Lt, USAF

SIGNATURE

Charles L Steele

APPROVED BY (Typed name and grade of Commander)

Jack H Sandstrom, LtCol, USAF

SIGNATURE

Jack H Sandstrom

## DOCUMENT TO ROLL INDEX

Frame Number	Classification Number	Date Period	Vol.	Pt.	Title	Security Classification	Remarks
4	900306	73/07-09	1		3901 Strat Missile Eval Sq	U/FOUO	
349	900307	73/07-09	2		"	S/FRD/FOUO	
668	900308	73/10-12	1		"	U/FOUO	
893	900309	73/10-12	2		"	S/FOUO/FRD	
1280	900310	71/04-09			4677 Defense Systems Eval Sq	U	
1234	900311	71/10-12			"	U	
1243	900312	72/01-03			"	U	
1252	900313	72/01-12			"	U	
1279	900314	69/07-09			4713 Def Systems Eval Sq	U	
1290	900315	71/04-06			"	U	
1299	900316	71/07-12			"	U	
1312	900317	72/01-03			"	U	
1322	900318	72/04-06			"	U	
1332	900319	72/07-12			"	U	
1349	900320	73/01-12			"	U	
1375	900321	72/10-12			5th Fighter Interceptor Sq	U	
1385	900322	73/01-12			"	U	
1411	INDEX						