

ABSTRACT (u)

37th Fighter Wing

5 Oct 1989 - 31 December 1991

Operation DESERT SHIELD...Operation DESERT STORM...Exercise IMMINENT THUNDER...F-117A at Paris Airshow...F-117A transfer to Holloman AFB...Tonopah Test Range closure plans...Wing relocation to Tonopah Test Range...Exercises SNEAKY SULTAN...Operation JUST CAUSE...Wing reorganization...Change of Command...Stealth Fighter description...'Black World' to 'White World' unit conversion...F-117A initial participation in Nellis 'FLAG' exercises...Public Debut of Stealth Fighter...Secretary of the Air Force Announcement on existence of F-117A...Exercise SERIOUS HARMONY...Cancellation of CORONET RAIDER participation...DESERT SHIELD/STORM Lessons Learned...FAST JOG local readiness exercises...Overall Excellent rating for wing in TAC Unit Effectiveness Inspection...Operational Readiness Exercise deployments...Holloman AFB and Tonopah Test Range Site Activation Task Force meetings.

APPENDIX A (A)
LINEAGE AND HONORS DATA

5 October 1989 - 31 December 1991

Unit Designation: 37th Fighter Wing

Previous Designation: 37th Tactical Fighter Wing

Authority: Activated 30 Mar 81, DAF/MAP ltr 332q,
3 Oct 80, and DAF/MPM ltr 332q-1, 15 Dec
80, at George AFB, CA

Transferred without personnel and equipment
to Tonopah Test Range, NV, & Assigned to
Twelfth Air Force, 5 Oct 89, HQ TAC Move
ment Order MO-7, 20 Sep 89

Redesignated 37th Fighter Wing, 1 Oct 91,
HQ TAC Special Order GB-100, 27 Sep 91

Commander: Col Anthony J. Tolin, 5 Oct 89 - 17 Aug 90
Col Alton C. Whitley, Jr., 17 Aug 90 -
Present

Vice Cmdr: Col Gary A. Voellger, 5 Oct 89 - 1 Jul 90
Col Robert C. Huff, 1 Jul 90 - Present

Units Newly Assigned During Period:

37th Operations Group, 1 Nov 91
415th Tactical Fighter Squadron, 5 Oct 89
(Redesignated 415th Fighter Squadron, 1 Nov 91)
416th Tactical Fighter Squadron, 5 Oct 89
(Redesignated 416th Fighter Squadron, 1 Nov 91)
417th Tactical Fighter Training Squadron, 5 Oct 89
(Redesignated 417th Fighter Squadron, 1 Nov 91)
37th Logistics Group, 1 Nov 91
37th Combat Support Group, 5 Oct 89
(Redesignated 37th Support Group, 1 Nov 91)
37th Transportation Squadron, 5 Oct 89
37th Supply Squadron, 5 Oct 89
37th Medical Squadron, 5 Oct 89
37th Communications Squadron, 1 May 91

APPENDIX A (Continued)

Assigned Units Lost:

415th Fighter Squadron, 1 Nov 91 (Reassigned to 37th Operations Group, TAC SO GB-15, 1 Nov 91)
416th Fighter Squadron, 1 Nov 91 (Reassigned to 37th Operations Group, TAC SO GB-15, 1 Nov 91)
417th Fighter Squadron, 1 Nov 91 (Reassigned to 37th Operations Group, TAC SO GB-15, 1 Nov 91)
37th Transportation Squadron, 1 Nov 91 (Reassigned to 37th Logistics Group, TAC SO GB-15, 1 Nov 91)
37th Supply Squadron, 1 Nov 91 (Reassigned to 37th Logistics Group, TAC SO GB-15, 1 Nov 91)
37th Equipment Maintenance Squadron, 1 Nov 91 (Redesignated 37th Maintenance Squadron and Reassigned to 37th Logistics Group, TAC SO GB-15, 1 Nov 91)
37th Aircraft Generation Squadron, 1 Nov 91 (Inactivated, TAC SO GB-15, 1 Nov 91)
37th Component Repair Squadron, 1 Nov 91 (Inactivated, TAC SO GB-15, 1 Nov 91)
37th Communications Squadron, 1 Nov 91 (Reassigned to 37th Support Group, TAC SO GB-15, 1 Nov 91)

Units Attached:

Det 37, 4400th Management Engineering Squadron, 5 Oct 89 (TAC SO GB-57, 20 Sep 89)

Attached Units Lost: None

Units Detached:

37th Tactical Fighter Wing (Provisional), 20 Dec 90, King Khalid AB, Saudi Arabia; OL AA, HQ 37 TFW, 22 Mar 91, Holloman AFB, NM

Units Relieved of Detached Status:

37th Tactical Fighter Wing (Provisional), 30 Sep 91

Station: Tonopah Test Range, NV

Aircraft Flown: F-117 Stealth Fighter and T-38As.

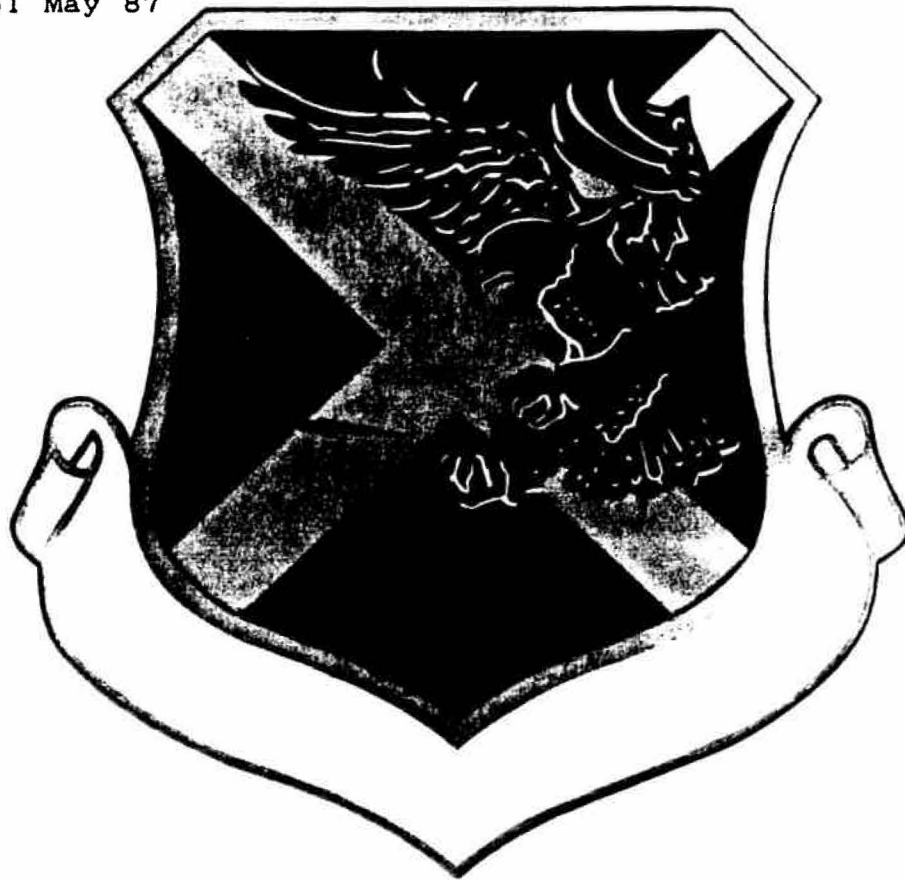
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APPENDIX A (Continued)

Campaign Streamers: Vietnam Air Offensive; Vietnam Air Offensive Phase II; Vietnam Air Offensive, Phase III; Vietnam Air/Ground; Vietnam Air Offensive, Phase IV; TET 69/Counteroffensive; Vietnam Summer-Fall, 1969; Vietnam Winter-Spring 1970; Operation JUST CAUSE; Operation DESERT SHIELD; Operation DESERT STORM

Decorations: Presidential Unit Citation (Vietnam): 1 Jul-31 Dec 68; Air Force Outstanding Unit Awards with Combat "V" Device: 1 Apr 67-30 Jun 68 and 1 Apr 69-31 Mar 70; Republic of Vietnam Gallantry Cross with Palm: 1 Mar 67-30 Mar 70; Air Force Outstanding Unit Award: 1 Jun 85-31 May 87

Emblem:



Motto: Defenders of the Crossroads

UNCLASSIFIED

APPENDIX B

KEY PERSONNEL (u)

5 October 1989 - 31 December 1991

<u>Position</u>	<u>Rank and Name</u>	<u>Date In/Date Out</u>
Commander	Col Anthony J. Tolin Col Alton C. Whitley, Jr.	5 Oct 89-17 Aug 90 17 Aug 90-Present
Vice Commander	Col Gary A. Voellger Col Robert C. Huff	5 Oct 89-1 Jul 90 1 Jul 90-Present
Judge Advocate	Maj Erich O. Hart Maj Steven A. Gabriel	5 Oct 89-7 Jun 91 7 Jun 91-Present
Chief of Safety	LC Robert J. Maher LC Donald P. Higgins, Jr.	5 Oct 89-2 Oct 91 2 Oct 91-31 Dec 91
Executive Officer	Capt Donald L. Jacobs Maj Kathleen B. McGovern	5 Oct 89-15 Mar 91 15 Mar 91-Present
Senior Enlisted Advisor	CMSgt Royce T. Cornwell CMSgt Larry E. Munday	5 Oct 89-9 Apr 90 9 Apr 90-Present
Inspect & Eval	Maj Robert J. Dulinawka Maj Michael T. Mahar Maj Wesley E. Cockman	5 Oct 89-30 Jul 90 1 Aug 90-1 Jul 91 1 Aug 91-Present
Historian	SMSgt Harold P. Myers SMSgt Vincent C. Breslin	5 Oct 89-1 May 91 15 Jul 91-Present
Pub Affairs	MSgt Robert C. Shelton, Jr.	5 Oct 89-Present
Comptroller	Capt John T. Boland Capt Mary L. Ensminger	5 Oct 89-3 Jun 91 3 Jun 91-Present
Sq Sect Cmdr	Capt Orlando Villanueva	5 Oct 89-Present
Qual Improve	Maj Clarence G. Whitescarver	20 Jun 91-Present
37 Med Sq Cmdr	LC Gary L. Henriksen LC Timothy J. Schrader	5 Oct 89-2 Dec 90 2 Dec 90-Present

APPENDIX B (Continued)

37TH OPERATIONS GROUP

Dep Cmdr Ops	Col Klaus J. Klause	5 Oct 89-21 Jul 91
	Col Raleigh Harrington	21 Jul 91-1 Nov 91
37 Ops Gp Cmdr	Col Raleigh Harrington	1 Nov 91-Present
Ops Sup Sq Cmdr	LC Michael T. Merritt	1 Nov 91-31 Dec 91
	LC Donald P. Higgins, Jr.	31 Dec 91
415 FS Cmdr	LC William J. Lake	5 Oct 89-3 Nov 89
	LC Ralph W. Getchell III	3 Nov 89-7 Jun 91
	LC Bruce E. Kreidler	7 Jun 91-Present
416 FS Cmdr	LC Gerald C. Carpenter	5 Oct 89-10 Aug 90
	LC Gregory T. Gonyea	10 Aug 90-31 Dec 91
	LC Michael T. Merritt	31 Dec 91
417 FS Cmdr	LC Keat Griggers	5 Oct 89-23 Mar 90
	LC Robert J. Maher	23 Mar 90-10 May 91
	LC Barry E. Horne	10 May 91-Present

37TH LOGISTICS GROUP

Dep Cmdr Maint	Col Dennis G. Haines	5 Oct 89-1 Jun 90
	Col Joseph B. Gaskin II	1 Jun 90-1 Nov 91
Dep Cmdr Res Mgmt	Col Shelby N. Cordon	5 Oct 89-31 May 91
	Col Charles K. Yard	31 May 91-1 Nov 91
37 Log Gp Cmdr	Col Joseph B. Gaskin II	1 Nov 91-Present
Log Sup Sq Cmdr	Capt Jennifer Whitnack	1 Nov 91-Present
37 AGS Cmdr	Maj John W. Weaver	5 Oct 89-10 Dec 90
	Maj Louis A. Eckhardt	10 Dec 90-1 Nov 91
37 CRS Cmdr	Maj George R. Kelly	5 Oct 89-25 Jul 91
	Capt Joseph R. Behrman	25 Jul 91-14 Aug 91
	Maj Bennie L. Thurman	14 Aug 91-1 Nov 91
37 EMS Cmdr	Maj Louise A. Eckhardt	5 Oct 89-7 Dec 90
	Capt William M. Getter	7 Dec 90-23 Jul 91
	Maj George R. Kelly	25 Jul 91-1 Nov 91

APPENDIX B (Continued)

37 MS Cmdr	Maj Louise A. Eckhardt	1 Nov 91-Present
Chief of Supply	LC F. Badger Johnson III	5 Oct 89-1 May 90
37 Sup Sq Cmdr	Capt Ronald Coopersmith	1 May 90-19 Nov 90
	2LT Daniel M. Semsel	16 Aug 90-19 Nov 90
	Maj Kim Maurer	19 Nov 90-Present
Contracting	MSgt Benjamin K. Stoesser	5 Oct 89-31 Jan 91
	MSgt Susan L. Scott	31 Jan 91-Present
37 Trans Sq Cmdr	Maj Scott K. Claypool	5 Oct 89-27 Jul 90
	Maj Frank R. Bogart	27 Jul 90-Present
Logistics	Capt Kathleen B. McGovern	8 Jan 88-5 Oct 89

37TH SUPPORT GROUP

Sup Gp Cmdr	Col Raymond J. Bartholomew	5 Oct 89-15 Mar 91
	Col Garrell L. Boone	15 Mar 91-Present
37 SPS Cmdr	Maj Jerry M. Kerby	5 Oct 89-Present
37 CES Cmdr	LC Frederick C. Smith	5 Oct 89-8 Mar 91
	Maj James L. Wenzel	8 Mar 91-Present
Personnel	SMSgt Samuel D. Tootle	5 Oct 89-27 Aug 90
	SMSgt John A. Kittle	27 Aug 90-Present
1880 Comm Cmdr	Maj Daniel R. Dinkins, Jr.	26 Feb 88-8 Jun 90
37 Comm Sq Cmdr	Maj William M. Kanyusik	8 Jun 90-Present
MWR	CMSgt Leroy Pringle	5 Oct 89-Present
Info Mgmt	Capt Hugh L. Jackson	5 Oct 89-12 Aug 91
	1LT Timothy R. Doyle	12 Aug 91-Present
Services	Capt James S. Boutcher	5 Oct 89-31 May 91
	Capt Glenn R. Winkler	31 May 91-Present
Base Closure & Relocation	LC Brian H. Peckham	1 Oct 91-Present

APPENDIX B (Continued)

OTHER UNITS

Det 8, 25 WS

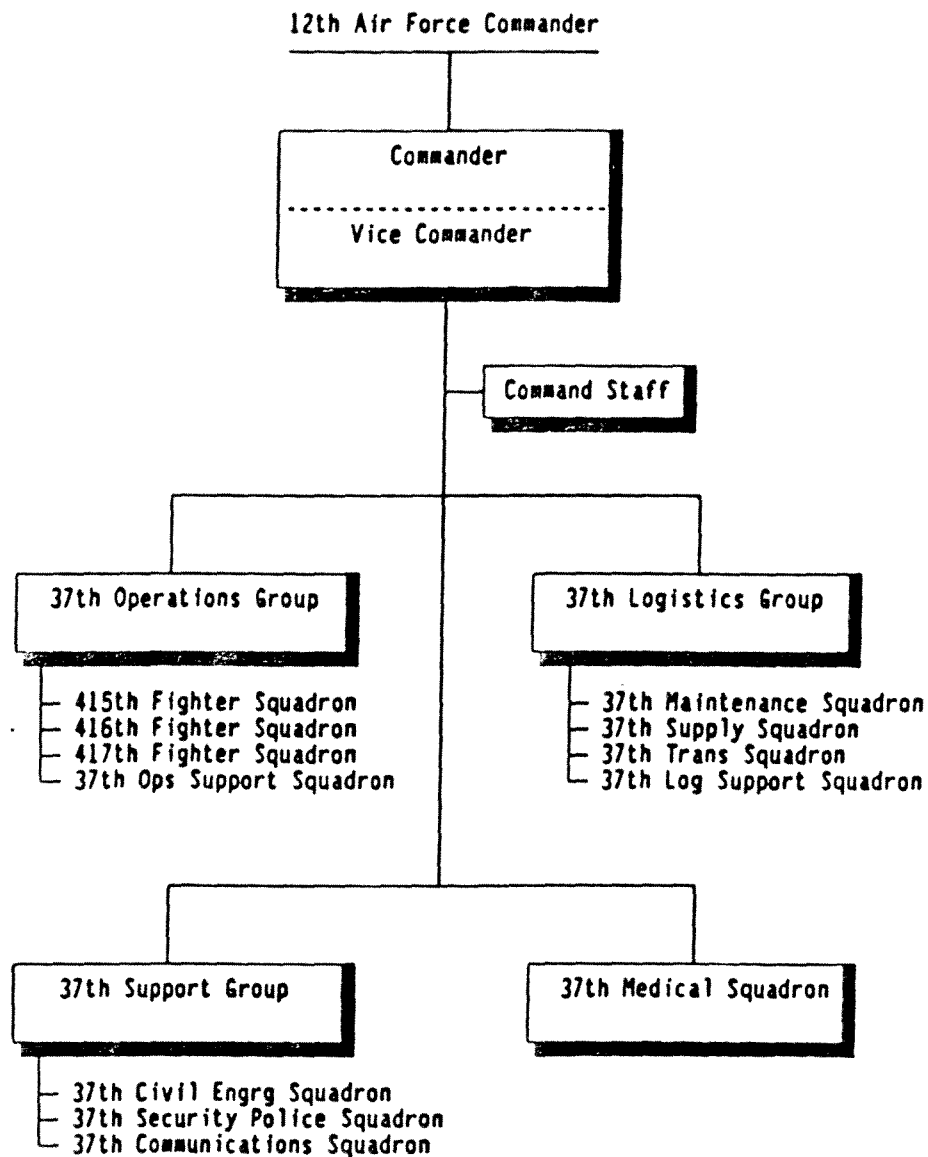
Maj David S. Hadley
Maj Mark J. Andrews

5 Oct 89-23 Sep 91
23 Sep 91-Present

APPENDIX C

37th Fighter Wing Organizational Chart (u)

37th Fighter Wing



APPENDIX D

PERSONNEL STRENGTH FIGURES (J) (As of 22 December 1989)

<u>Unit</u>	<u>Officer</u>		<u>Airmen</u>		<u>Civilian</u>		<u>Total</u>	
	<u>Auth</u>	<u>Asgn</u>	<u>Auth</u>	<u>Asgn</u>	<u>Auth</u>	<u>Asgn</u>	<u>Auth</u>	<u>Asgn</u>
37 TFW	*	46		267	0	0	315	313
37 AGS		11		716	0	0	631	727
37 CRS		4		406	0	0	155	410
37 EMS		1		30	0	0	367	31
415 TFS		24		21	0	0	47	45
416 TFS		31		17	0	0	47	48
417 TFTS		23		11	0	0	28	34
37 SUPS		5		237	0	0	254	242
37 TRANS		1		68	0	0	69	69
37 CSG		7		104	0	0	105	111
37 SPS		2		178	0	0	189	180
37 CES		8		129	0	0	135	137
37 MEDS		6		31	0	0	53	37

* Note: The manpower team at Tonopah transferred all manning authorization documents to Holloman AFB, New Mexico, prior to the production period for this history. Authorization totals only could be retrieved for this data base.

Sources: Rpt (U), 554MSS/MSPUX, Subj: Average Strength Data Reports, 26 Dec 89, 26 Dec 90, & 24 Dec 91, SD 137-139; and Rpt (U), TACMET, Subj: Extended Unit Manpower Document, PCN: ST511-310, on file in TACMET Office; and Worksheets (U), TACMET, Subj: Authorized Strength by Unit, SD 141.

APPENDIX D (Continued)

PERSONNEL STRENGTH FIGURES (C)
(As of 21 December 1990)

<u>Unit</u>	<u>Officer</u>		<u>Airmen</u>		<u>Civilian</u>		<u>Total</u>	
	<u>Auth</u>	<u>Asgn</u>	<u>Auth</u>	<u>Asgn</u>	<u>Auth</u>	<u>Asgn</u>	<u>Auth</u>	<u>Asgn</u>
37 TFW		55		274	0	0	327	329
37 AGS		14		886	0	0	657	900
37 CRS		2		189	0	0	144	191
37 EMS		3		478	0	0	367	481
415 TFS		55		29	0	0	47	84
416 TFS		49		26	0	0	47	75
417 TFTS		20		7	0	0	26	27
37 SUPS		5		258	0	0	259	263
37 TRANS		1		77	0	0	71	78
37 CSG		7		100	0	0	108	107
37 SPS		3		214	0	0	189	217
37 CES		5		146	0	0	145	151
37 MEDS		8		45	0	0	76	53

(As of 18 December 1991)

<u>Unit</u>	<u>Auth</u>	<u>Asgn</u>	<u>Auth</u>	<u>Asgn</u>	<u>Auth</u>	<u>Asgn</u>	<u>Auth</u>	<u>Asgn</u>
37 FW		37		223	0	0	124	360
37 MS		4		414	0	0	420	418
37 OG		1		0	0	0	22	1
37 OSS		2		0	0	0	178	2
37 LG		1		0	0	0	40	1
37 LSS		0		1	0	0	81	1
415 FS		34		228	0	0	310	282
416 FS		37		211	0	0	310	248
417 FS		22		12	0	0	205	34
37 SUPS		4		222	0	0	255	226
37 TRANS		1		67	0	0	71	68
37 SG		6		72	0	0	71	78
37 SPS		2		174	0	0	189	176
37 CES		3		138	0	0	166	141
37 MEDS		7		40	0	0	76	47

[REDACTED]

APPENDIX G

AIRCRAFT UTILIZATION (U)

F-117A

	1989					1990				
	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	
Sorties Flown:	676	621	425	535	456	672	556	748	667	
UTE Rate:	15.4	14.1	10.6	12.2	10.4	15.3	12.6	17.0	15.2	
Hours Flown:	1013	1027	868	842	719	997	835	1090	916	
Air Aborts:	10	4	8	2	1	9	6	13	10	
Ground Aborts:	36	49	24	26	37	37	31	35	37	
Sched Effect:	87.9	85.5	79.8	87.3	83.7	87.2	87.5	91.4	87.9	

	1990					1991				
	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	
Sorties Flown:	625	525	569	722	574	617	807	942	584	
UTE Rate:	14.2	11.9	12.9	15.7	12.5	13.4	17.5	20.5	12.7	
Hours Flown:	860	1107	910	1212	1011	1520	3201	4654	1015	
Air Aborts:	2	1	10	9	7	16	19	23	4	
Ground Aborts:	52	35	21	34	19	30	68	63	29	
Sched Effect:	87.2	89.3	92.1	90.7	91.8	92.3	90.1	91.2	93.9	

	1991									
	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	
Sorties Flown:	421	450	500	577	626	516	713	530	573	
UTE Rate:	9.2	9.8	10.9	12.5	13.6	11.2	15.8	11.8	12.7	
Hours Flown:	852	828	788	924	957	792	1146	888	976	
Air Aborts:	3	6	8	5	3	6	3	4	7	
Ground Aborts:	27	27	25	39	38	30	47	25	28	
Sched Effect:	84.7	85.4	88.0	90.5	87.7	90.4	91.3	91.5	87.9	

[REDACTED]

APPENDIX G (Cont.)

T-38A

	1989					1990			
	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>
Sorties Flown:	124	142	120	118	134	147	178	200	164
UTE Rate:	17.7	20.3	17.1	16.9	19.1	21.0	25.4	28.6	23.4
Hours Flown:	159	160	126	136	167	182	210	258	218
Air Aborts:	0	0	0	0	0	0	1	0	0
Ground Aborts:	4	3	0	4	1	1	2	2	2
Sched Effect:	93.1	92.3	93.7	89.2	95.6	93.8	95.5	94.1	94.0

	1990					1991			
	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>
Sorties Flown:	155	157	119	178	148	73	108	63	66
UTE Rate:	22.1	22.4	17.0	22.3	18.5	9.4	13.5	9.0	9.4
Hours Flown:	189	191	147	215	171	82	126	78	88
Air Aborts:	0	0	0	1	0	0	0	0	0
Ground Aborts:	0	4	0	3	1	3	0	3	1
Sched Effect:	93.8	93.2	95.7	95.0	95.3	95.9	100.	92.1	98.5

	1991								
	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
Sorties Flown:	127	154	160	161	175	123	209	144	159
UTE Rate:	15.9	19.3	20.0	20.1	21.9	15.4	26.1	18.0	19.9
Hours Flown:	159	181	195	201	216	156	255	179	202
Air Aborts:	2	1	1	0	0	0	0	0	0
Ground Aborts:	0	2	1	0	5	1	1	0	3
Sched Effect:	98.4	92.7	98.1	96.2	91.6	96.0	94.8	94.3	92.0

SOURCE: Rptrs (U), 37 TFW Maint Data Anal Rptrs, Oct 89-Dec 91, SD 26 to SD 45.

APPENDIX H

F-117A AIRCRAFT READINESS (U)*

<u>Category</u>	<u>Oct 89</u>	<u>Nov 89</u>	<u>Dec 89</u>	<u>Jan 90</u>	<u>Feb 90</u>	<u>Mar 90</u>
Possessed Hours:	31871	31583	34010	33064	29959	32776
FMC Hours:	27754	27672	27913	28699	24178	27544
FMC Rate:	87.0	87.6	82.1	86.8	80.7	84.0
NMCS Hours:	674	691	889	1841	2090	1433
NMCS Rate:	2.1	2.2	2.6	5.6	7.0	4.3
NMCM Hours:	3221	3525	5056	3568	5198	4465
NMCM Rate:	10.1	11.2	14.9	10.8	17.4	13.6
NMCB Hours:	176	550	701	1225	1538	764
NMCR Rate:	0.6	1.7	2.1	3.7	5.1	2.3
Total NMC Hours:	3719	3667	5245	4183	5750	5134
Total NMC Rate:	11.7	11.6	15.5	12.6	19.2	15.7
PMCM Hours:	341	244	852	116	19	98
PMCM Rate:	1.0	0.8	2.5	0.3	0.1	0.3
PMCS Hours:	55	0	0	67	11	0
PMCS Rate:	0.1	0.0	0.0	0.2	0.0	0.0
PMCB Hours:	0	0	0	0	0	0
PMCB Rate:	0.0	0.0	0.0	0.0	0.0	0.0

* Note (U): All hours have been rounded off.

Key: FMC - Fully Mission Capable; NMC - Not Mission Capable; (S) - Supply; (M) - Maintenance; (B) Both; PMC - Partially Mission Capable; (S) - Supply; (M) - Maintenance; (B) Both.

Source: Rpt (U), 37 TFW Monthly Maintenance Data Reports, Oct 89-Dec 91, SD 7 to SD 45.

APPENDIX H (Cont.)

F-117A AIRCRAFT READINESS (U)

<u>Category</u>	<u>Apr 90</u>	<u>May 90</u>	<u>Jun 90</u>	<u>Jul 90</u>	<u>Aug 90</u>	<u>Sep 90</u>
Possessed Hours:	31665	33207	32852	35342	35922	33808
FMC Hours:	25822	27156	25714	29135	29038	26736
FMC Rate:	87.0	87.6	82.1	86.8	80.7	79.1
NMCM Hours:	4411	4859	6168	4788	4724	3716
NMCM Rate:	13.9	14.6	18.8	13.5	13.2	11.0
NMCS Hours:	1397	1442	1063	1557	2928	3450
NMCS Rate:	4.4	4.3	3.2	4.4	8.2	10.2
NMCB Hours:	525	567	393	656	966	604
NMCB Rate:	1.7	1.7	1.2	1.9	2.7	1.8
Total NMC Hours:	5283	5735	6837	5688	6686	6562
Total NMC Rate:	16.7	17.3	20.8	16.1	18.6	19.4
PMCM Hours:	560	316	301	399	166	407
PMCM Rate:	1.8	1.0	0.9	1.1	0.5	1.2
PMCS Hours:	0	0	0	120	32	139
PMCS Rate:	0.0	0.0	0.0	0.3	0.1	0.4
PMCB Hours:	0	0	0	0	0	37
PMCB Rate:	0.0	0.0	0.0	0.0	0.0	0.1

APPENDIX H (Cont.)

F-117A AIRCRAFT READINESS (U)

<u>Category</u>	<u>Oct 90</u>	<u>Nov 90</u>	<u>Dec 90</u>	<u>Jan 91</u>	<u>Feb 91</u>	<u>Mar 91</u>
Possessed Hours:	35248	34330	34224	30524	26196	32642
FMC Hours:	29481	28803	27919	30469	20305	25578
FMC Rate:	83.6	83.9	81.6	83.7	61.8	71.6
NMCS Hours:	2674	2727	3158	2279	2373	1344
NMCS Rate:	7.6	7.9	9.2	6.3	7.2	3.8
NMCM Hours:	4201	3809	4613	5109	5479	2408
NMCM Rate:	11.9	11.1	13.5	14.0	16.7	6.7
NMCB Hours:	1405	1136	1476	1516	1216	682
NMCB Rate:	4.0	3.3	4.3	4.2	3.7	1.9
Total NMC Hours:	5471	5400	6294	5872	6636	3070
Total NMC Rate:	15.5	15.7	18.4	16.1	20.2	8.6
PMCM Hours:	286	127	10	55	133	37
PMCM Rate:	0.8	0.4	0.0	0.2	0.4	0.1
PMCS Hours:	11	0	0	0	5758	7053
PMCS Rate:	0.0	0.0	0.0	0.0	17.5	19.8
PMCB Hours:	0	0	0	0	0	25.5
PMCB Rate:	0.0	0.0	0.0	0.0	0.0	.1

APPENDIX H (Cont.)

F-117A AIRCRAFT READINESS (U)

<u>Category</u>	<u>Apr 91</u>	<u>May 91</u>	<u>Jun 91</u>	<u>Jul 91</u>	<u>Aug 91</u>	<u>Sep 91</u>
Possessed Hours:	33432	37713	35456	36111	34125	33526
FMC Hours:	18399	24462	27927	31146	28756	27748
FMC Rate:	83.6	83.9	81.6	83.7	61.8	71.6
NMCM Hours:	3687	5219	4246	3949	3986	3487
NMCM Rate:	11.0	13.8	12.0	10.9	11.7	10.4
NMCS Hours:	3041	1548	2536	1250	1752	2488
NMCS Rate:	9.1	4.1	7.2	3.5	5.1	7.4
NMCB Hours:	1050	484	1042	246	431	779
NMCB Rate:	3.1	1.3	2.9	0.7	1.3	2.3
Total NMC Hours:	5679	6282	5741	4953	5307	5194
Total NMC Rate:	17.0	16.7	16.2	13.7	15.6	15.5
PMCM Hours:	88	3509	1778	12	62	373
PMCM Rate:	0.3	9.5	5.0	0.0	0.2	1.1
PMCS Hours:	9267	3387	0	0	0	211
PMCS Rate:	27.7	9.0	0.0	0.0	0.0	0.6
PMCB Hours:	0	0	0	0	0	0
PMCB Rate:	0.0	0.0	0.0	0.0	0.0	0.0

[REDACTED]

APPENDIX H (Cont.)

F-117A AIRCRAFT READINESS (U)

<u>Category</u>	<u>Oct 91</u>	<u>Nov 91</u>	<u>Dec 91</u>
Possessed Hours:	33237	32594	34793
FMC Hours:	27785	26450	28758
FMC Rate:	83.6	81.2	82.7
NMCS Hours:	2667	2424	1607
NMCS Rate:	8.0	7.4	4.6
NMCM Hours:	3500	4308	4716
NMCM Rate:	10.5	13.2	13.6
NMCB Hours:	985	1278	792
NMCB Rate:	2.9	3.9	2.3
Total NMC Hours:	5182	5454	5530
Total NMC Rate:	15.6	16.7	15.9
PMCM Hours:	26	297	445
PMCM Rate:	0.1	0.9	1.3
PMCS Hours:	244	393	59
PMCS Rate:	.2	0.0	0.0
PMCB Hours:	0	0	0
PMCB Rate:	0.0	0.0	0.0

APPENDIX H (Cont.)

T-38A AIRCRAFT READINESS (U)

<u>Category</u>	<u>Oct 89</u>	<u>Nov 89</u>	<u>Dec 89</u>	<u>Jan 90</u>	<u>Feb 90</u>	<u>Mar 90</u>
Possessed Hours:	5207	5040	5208	4867	4654	4464
FMC Hours:	4712	4894	4090	4758	4589	4115
FMC Rate:	90.5	97.1	78.5	97.8	98.6	92.2
NMCM Hours:	348	125	776	33	60	181
NMCM Rate:	6.7	2.5	14.9	0.7	1.3	4.1
NMCS Hours:	226	79	615	76	5	135
NMCS Rate:	4.3	1.6	11.8	1.6	0.1	3.0
NMCB Hours:	81	58	615	0	0	6
NMCB Rate:	1.6	1.2	11.8	0.0	0.0	0.1
Total NMC Hours:	493	146	776	109	65	310
Total NMC Rate:	9.5	2.9	14.9	2.2	1.4	7.0
PMCM Hours:	0	0	0	0	0	26
PMCM Rate:	0.0	0.0	0.0	0.0	0.0	0.1
PMCS Hours:	0	0	342	0	0	12
PMCS Rate:	0.0	0.0	6.6	0.0	0.0	0.3
PMCB Hours:	0	0	0	0	0	0
PMCB Rate:	0.0	0.0	0.0	0.0	0.0	0.0

[REDACTED]

APPENDIX H (Cont.)

T-38A AIRCRAFT READINESS (U)

<u>Category</u>	<u>Apr 90</u>	<u>May 90</u>	<u>Jun 90</u>	<u>Jul 90</u>	<u>Aug 90</u>	<u>Sep 90</u>
Possessed Hours:	4585	4464	4730	5206	6355	6223
FMC Hours:	4087	3943	3850	5141	5844	6127
FMC Rate:	89.1	88.3	81.4	98.7	92.0	98.5
NMCM Hours:	179	82	29	25	56	96
NMCM Rate:	3.9	1.8	0.6	0.5	0.9	1.5
NMCS Hours:	293	256	828	40	455	0
NMCS Rate:	6.4	5.7	17.5	0.8	7.2	0.0
NMCB Hours:	0	0	0	0	0	0
NMCB Rate:	0.0	0.0	0.0	0.0	0.0	0.0
Total NMC Hours:	472	338	857	65	511	96
Total NMC Rate:	10.3	7.6	18.1	1.3	8.0	1.5
PMCM Hours:	26	3	0	0	0	0
PMCM Rate:	0.6	0.1	0.0	0.0	0.0	0.0
PMCS Hours:	0	180	23	0	0	0
PMCS Rate:	0.0	4.0	0.5	0.0	0.0	0.0
PMCB Hours:	0	0	0	0	0	0
PMCB Rate:	0.0	0.0	0.0	0.0	0.0	0.0

APPENDIX H (Cont.)

T-38A AIRCRAFT READINESS (U)

<u>Category</u>	<u>Oct 90</u>	<u>Nov 90</u>	<u>Dec 90</u>	<u>Jan 91</u>	<u>Feb 91</u>	<u>Mar 91</u>
Possessed Hours:	5954	5793	5750	5864	5475	5187
FMC Hours:	5840	5574	5487	5645	5371	5073
FMC Rate:	98.1	96.2	95.4	96.3	98.1	97.8
NMCM Hours:	82	29	43	102	104	115
NMCM Rate:	1.4	0.5	0.7	1.7	1.9	2.2
NMCS Hours:	32	143	220	116	0	0
NMCS Rate:	0.5	2.5	3.8	2.0	0.0	0.0
NMCB Hours:	0	0	0	0	0	0
NMCB Rate:	0.0	0.0	0.0	0.0	0.0	0.0
Total NMC Hours:	115	173	263	219	104	115
Total NMC Rate:	1.9	3.0	4.6	3.7	1.9	2.2
PMCM Hours:	0	2	0	0	0	0
PMCM Rate:	0.0	0.0	0.0	0.0	0.0	0.0
PMCS Hours:	0	45	0	0	0	0
PMCS Rate:	0.0	0.8	0.0	0.0	0.0	0.0
PMCB Hours:	0	0	0	0	0	0
PMCB Rate:	0.0	0.0	0.0	0.0	0.0	0.0

[REDACTED]

APPENDIX H (Cont.)

T-38A AIRCRAFT READINESS (U)

<u>Category</u>	<u>Apr 91</u>	<u>May 91</u>	<u>Jun 91</u>	<u>Jul 91</u>	<u>Aug 91</u>	<u>Sep 91</u>
Possessed Hours:	5041	5887	5784	6298	6696	6302
FMC Hours:	4657	5278	5343	6165	6546	5379
FMC Rate:	92.4	89.7	92.4	97.9	97.8	85.3
NMCM Hours:	26	137	193	89	70	531
NMCM Rate:	0.5	2.3	3.3	1.4	1.0	6.8
NMCS Hours:	45	186	233	44	80	618
NMCS Rate:	0.9	3.2	4.0	0.7	1.2	9.8
NMCB Hours:	0	36	0	0	0	126
NMCB Rate:	0.0	0.6	0.0	0.0	0.0	2.0
Total NMC Hours:	60	286	426	133	150	305
Total NMC Rate:	1.2	4.9	7.4	2.1	2.2	4.8
PMCM Hours:	5	77	2	0	0	0
PMCM Rate:	0.1	1.3	0.0	0.0	0.0	0.0
PMCS Hours:	307	245	14	0	0	0
PMCS Rate:	6.1	4.2	0.2	0.0	0.0	0.0
PMCB Hours:	0	0	0	0	0	0
PMCB Rate:	0.0	0.0	0.0	0.0	0.0	0.0

APPENDIX H (Cont.)

T-38A AIRCRAFT READINESS (U)

<u>Category</u>	<u>Oct 91</u>	<u>Nov 91</u>	<u>Dec 91</u>
Possessed Hours:	33237	32594	34793
FMC Hours:	27785	26450	28758
FMC Rate:	83.6	81.2	82.7
NMCS Hours:	2667	2424	1607
NMCS Rate:	8.0	7.4	4.6
NMCM Hours:	3500	4309	4716
NMCM Rate:	10.5	13.2	13.6
NMCB Hours:	985	1278	792
NMCB Rate:	2.9	3.9	2.3
Total NMC Hours:	5182	5454	5530
Total NMC Rate:	15.6	16.7	15.9
PMCM Hours:	26	297	445
PMCM Rate:	0.1	0.9	1.3
PMCS Hours:	244	393	59
PMCS Rate:	0.7	1.2	0.2
PMCB Hours:	0	0	0
PMCB Rate:	0.0	0.0	0.0

APPENDIX J

37 FW Weapons Training (U)

Nellis AFB Ranges

<u>Range Complex</u>	<u>Hours</u>		<u>Sorties</u>	
	<u>Day</u>	<u>Night</u>	<u>Day</u>	<u>Night</u>
Oct - Dec 89				
Nellis 61	2	159	0	1183
Nellis 62	2	164	0	1147
Nellis 63	0	12	0	91
Nellis 64	3	156	13	1156
Nellis 65	2	158	0	1195
Nellis 71	98	253	768	1977
Nellis 74	4	241	5	1951
Nellis 75	10	240	43	1826
Nellis 76	75	254	490	1979
Electronic East	7	234	23	1852
Electronic West	14	251	65	1946
Electronic South	31	245	166	1859

<u>Range Complex</u>	<u>Hours</u>		<u>Sorties</u>	
	<u>Day</u>	<u>Night</u>	<u>Day</u>	<u>Night</u>
Jan - Mar 90				
Nellis 61	7	129	0	922
Nellis 62	7	128	0	892
Nellis 63	0	12	0	158
Nellis 64	7	120	0	880
Nellis 65	7	134	0	966
Nellis 71	85	249	569	2044
Nellis 74	12	245	0	2014
Nellis 75	14	245	1	2014
Nellis 76	61	248	332	2022
Electronic East	12	245	0	2012
Electronic West	24	248	43	2034
Electronic South	12	240	0	1992

APPENDIX J (Cont.)

<u>Range Complex</u>	<u>Hours</u>		<u>Sorties</u>	
	<u>Day</u>	<u>Night</u>	<u>Day</u>	<u>Night</u>
Apr - Jun 90				
Nellis 61	48	111	0	1188
Nellis 62	60	116	0	1251
Nellis 63	0	6	0	76
Nellis 64	60	116	0	1220
Nellis 65	48	110	0	1187
Nellis 71	162	208	606	2175
Nellis 74	90	208	167	2180
Nellis 75	88	208	155	2179
Nellis 76	149	209	574	2149
Electronic East	90	208	157	2179
Electronic West	102	208	160	2179
Electronic South	92	208	159	2179

<u>Range Complex</u>	<u>Hours</u>		<u>Sorties</u>	
	<u>Day</u>	<u>Night</u>	<u>Day</u>	<u>Night</u>
Jul - Sep 90				
Nellis 61	37	77	124	1009
Nellis 62	37	88	0	1097
Nellis 63	0	0	0	0
Nellis 64	37	88	0	1053
Nellis 65	37	88	0	1097
Nellis 71	146	193	604	2017
Nellis 74	85	189	152	2017
Nellis 75	82	193	145	2017
Nellis 76	130	193	394	2017
Electronic East	82	193	147	2017
Electronic West	84	193	147	2017
Electronic South	78	192	150	2017

APPENDIX J (Cont.)

<u>Range Complex</u>	<u>Hours</u>		<u>Sorties</u>	
	<u>Day</u>	<u>Night</u>	<u>Day</u>	<u>Night</u>
Oct - Dec 90				
Nellis 61	0	0	0	0
Nellis 62	0	0	0	0
Nellis 63	0	0	0	0
Nellis 64	0	0	0	0
Nellis 65	0	0	0	0
Nellis 71	87	215	403	914
Nellis 74	16	205	34	904
Nellis 75	15	197	53	906
Nellis 76	79	206	384	934
Electronic East	15	199	72	880
Electronic West	20	199	104	880
Electronic South	15	208	35	880

<u>Range Complex</u>	<u>Hours</u>		<u>Sorties</u>	
	<u>Day</u>	<u>Night</u>	<u>Day</u>	<u>Night</u>
Jan - Mar 91				
Nellis 61	0	4	0	7
Nellis 62	0	4	0	7
Nellis 63	0	2	0	3
Nellis 64	0	2	0	4
Nellis 65	0	4	0	7
Nellis 71	95	71	229	136
Nellis 74	10	59	1	23
Nellis 75	33	62	4	128
Nellis 76	83	67	181	135
Electronic East	0	60	0	125
Electronic West	42	67	12	131
Electronic South	1	67	5	135

[REDACTED]

APPENDIX J (Cont.)

<u>Range Complex</u>	<u>Hours</u>		<u>Sorties</u>	
	<u>Day</u>	<u>Night</u>	<u>Day</u>	<u>Night</u>
Apr - Jun 91				
Nellis 61	0	0	0	0
Nellis 62	4	0	11	0
Nellis 63	0	0	0	0
Nellis 64	0	0	0	0
Nellis 65	0	0	0	0
Nellis 71	164	157	318	722
Nellis 74	69	144	154	701
Nellis 75	70	140	139	701
Nellis 76	152	152	301	716
Electronic East	68	140	139	701
Electronic West	72	146	85	701
Electronic South	80	148	90	701

<u>Range Complex</u>	<u>Hours</u>		<u>Sorties</u>	
	<u>Day</u>	<u>Night</u>	<u>Day</u>	<u>Night</u>
Jul - Sep 91				
Nellis 61	0	0	0	0
Nellis 62	1	0	1	0
Nellis 63	1	0	1	0
Nellis 64	1	0	1	0
Nellis 65	1	0	1	0
Nellis 71	174	213	351	1544
Nellis 74	88	206	122	1544
Nellis 75	85	188	122	1424
Nellis 76	155	204	403	1484
Electronic East	70	192	160	1460
Electronic West	94	194	152	1464
Electronic South	80	207	180	1504

[REDACTED]

APPENDIX J (Cont.)

<u>Range Complex</u>	<u>Hours</u>		<u>Sorties</u>	
	<u>Day</u>	<u>Night</u>	<u>Day</u>	<u>Night</u>
Oct - Dec 91				
Nellis 61	0	0	0	0
Nellis 62	0	0	0	0
Nellis 63	0	0	0	0
Nellis 64	0	0	0	0
Nellis 65	0	0	0	0
Nellis 71	84	335	204	1854
Nellis 74	14	292	24	1926
Nellis 75	15	284	28	1862
Nellis 76	75	317	209	1758
Electronic East	16	290	24	1926
Electronic West	17	297	24	1854
Electronic South	21	323	26	1806

Source: Rpt (U), 554 Range Group, Subj: Weapons Range Activity Report, RCS: TAC-DOX(Q)7301, Oct-Dec 89, Jan-Mar 90, Apr-Jun 90, Jul-Sep 90, Oct-Dec 90, Jan- Mar 91, Apr-Jun 91, Jul-Sep 91, Oct-Dec 91, SD 142.

APPENDIX K

Unit Exercise Participation (U)

NOT APPLICABLE

APPENDIX M

AIRCRAFT SAFETY (u)

<u>Type</u>	<u>Oct 89</u>	<u>Nov 89</u>	<u>Dec 89</u>	<u>Jan 90</u>	<u>Feb 90</u>	<u>Mar 90</u>
Class A Mishaps	0	0	0	0	0	0
Class B Mishaps	0	0	0	0	0	0
Class C Mishaps	0	0	0	0	0	0
High Accident Potential	0	0	0	0	0	0
Hazardous Air Traffic Reports	0	0	0	0	0	1

<u>Type</u>	<u>Apr 90</u>	<u>May 90</u>	<u>Jun 90</u>	<u>Jul 90</u>	<u>Aug 90</u>	<u>Sep 90</u>
Class A Mishaps	0	0	0	0	0	0
Class B Mishaps	1	0	0	0	0	0
Class C Mishaps	0	2	0	1	0	2
High Accident Potential	0	0	0	0	0	0
Hazardous Air Traffic Reports	0	0	0	0	0	0

Note: Unless otherwise indicated, all of data is related to F-117A incidents.

Source: (U) Data extracted from 37 FW Safety Office Files.
Supporting reports are restricted by AFR 127-4.

APPENDIX M (Cont.)

<u>Type</u>	<u>Oct 90</u>	<u>Nov 90</u>	<u>Dec 90</u>	<u>Jan 91</u>	<u>Feb 91</u>	<u>Mar 91</u>
Class A Mishaps	0	0	0	0	0	0
Class B Mishaps	0	0	0	1	0	0
Class C Mishaps	1	0	0	3	3	0
High Accident Potential	0	0	0	0	0	0
Hazardous Air Traffic Reports	0	0	0	0	0	0

<u>Type</u>	<u>Apr 91</u>	<u>May 91</u>	<u>Jun 91</u>	<u>Jul 91</u>	<u>Aug 91</u>	<u>Sep 91</u>
Class A Mishaps	0	0	0	0	0	0
Class B Mishaps	0	0	0	0	0	0
Class C Mishaps	0	0	2*	1*	0	0
High Accident Potential	0	0	0	0	0	0
Hazardous Air Traffic Reports	0	0	0	0	0	0

* Note: One mishap in each of these months involved a T-38A.

APPENDIX M (Cont.)

<u>Type</u>	<u>Oct 91</u>	<u>Nov 91</u>	<u>Dec 91</u>
Class A Mishaps	0	0	0
Class B Mishaps	0	0	0
Class C Mishaps	1	1	0
High Accident Potential	0	0	0
Hazardous Air Traffic Reports	0	0	0

[REDACTED]

APPENDIX O

Construction (U)

Oct 89 - Dec 91

FY85 MCP Construction Status

<u>Project #</u>	<u>Title</u>	<u>Cost*</u>	<u>Completion Date</u>
85-0020	Utilities	8,400,000	
	Emergency Generators		Jan 91
	Electrical Bypasses		Apr 90
	Industrial Repair		Sep 90

FY 86 MCP Construction Status

<u>Project #</u>	<u>Title</u>	<u>Cost*</u>	<u>Completion Date</u>
COMPLETED			

FY87 MCP Construction Status

<u>Project #</u>	<u>Title</u>	<u>Cost*</u>	<u>Completion Date</u>
87-0005	Maintenance Management (DCM) Facility	3,450,000	Jun 90
87-0007	Data Processing Installation	2,650,000	Mar 90

* Includes projects costing no less than \$50K.

SOURCE: Review (U), 37 CSG/DE Transmittal Logs & Real Property Records, 7 May 92.

APPENDIX O (Cont.)

FY88 MCP Construction Status

<u>Project #</u>	<u>Title</u>	<u>Cost*</u>	<u>Completion Date</u>
88-0005	Upgrade Hangar Ventilation	5,000,000	Aug 90
88-0004	Delayed Site Work	2,400,000	Apr 90
88-0007	Eastside Terminal, Nellis	4,800,000	Dec 90

FY87 O&M Construction Status

<u>Project #</u>	<u>Title</u>	<u>Cost*</u>	<u>Completion Date</u>
86-0026	Repair Fire Deficiencies	209,000	Mar 90
87-0022A	Repair Overt Warning System	139,300	Nov 89
87-0022B	Alter Overt Warning System	206,500	Nov 89

FY88 O&M Construction Status

<u>Project #</u>	<u>Title</u>	<u>Cost*</u>	<u>Completion Date</u>
88-0028	Hangar Deluge Valves Freeze Protection	85,000	Dec 89
88-0030	Construct Parking Lots	96,100	Dec 89
88-0022	Repair Phase III Apron	1,300,000	Oct 89
87-0035	Construct Mancamp Parking	195,600	Nov 90
88-0041	Replace Facilities Carpeting	294,000	Canx
87-0012	Alter Interior Base Supply	219,700	Feb 90

[REDACTED]

APPENDIX P
HOUSING INVENTORY (U)

Not Applicable

[REDACTED]

APPENDIX Q

AWARDS (U)

A. Air Force Level

Operation DESERT STORM

Air Force Silver Star	Capt Marcel E. Kerdavid 415 TFS
Air Force Bronze Star	Maj Joseph M. Azzato, Jr. 37 TFWP/IN Maj Robert J. Heston 37 TFWP/IN Maj Kathleen McGovern 37 TFWP/CCE Maj Bennie L. Thurman 37 TFWP/MA Maj Guy C. Fowl 37 TFWP/MA
Legion of Merit	Col Alton C. Whitley, Jr. 37 TFWP Commander
Meritorious Service Medals	SMSgt Leo C. Gay 37 SUPS TSgt Rene J. Simard 37 TFWP/LGX

Note: Additionally, men and women of the 37 TFWP earned 127 Air Medals, 45 Distinguished Flying Crosses, 96 Air Force Commendation Medals, 89 Aerial Achievement Medals, and 93 Achievement Medals during Operation DESERT STORM. Many more awards were being processed for individual wartime achievements at the time this history went forward for publication.

Logistics Awards

1991 Outstanding Supply Tech	SSgt Bill Kneppshield 37 SUPS
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Source: Nom (U), 37 TFW Nomination for AFOUA, SD 29; List (U), 37 SG/DP Tracking List of DESERT SHIELD/STORM Decorations, 11 Mar 92, SD 144.

APPENDIX Q (Cont.)

B. Tactical Air Command Level

Logistics Awards

1991 Outstanding Supply Tech	SSgt Bill Kneppshield 37 SUPS
1991 TAC Civilian Tech	Mr Dave Swenson 37 Maint Sq

C. Twelfth Air Force

Logistics Awards

1990 SNCO Supply Tech	MSgt Donald Collins 37 SUPS
1991 Leo Marquez Award	Mr Dave Swenson 37 Maint Sq TSgt Dan Thorsby 37 Maint Sq
1991 Plans & Programs Unit	37th Logistics Plans Office
1991 Logistics Tech	TSgt Rene Simard 37 TFW/LGX

Glossary (U)

AAA	anti-aircraft artillery
AAFCE	Allied Air Forces Central Europe
AB	Air Base
ADI	Attitude Direction Indicator - indicates pitch, roll, or yaw at any given moment.
ADP	Air Division Provisional
ADVON	Advanced Echelon
AFB	Air Force Base
AFCC	Air Force Communications Command
AFCS	Automated Flight Control System - maintains desired aircraft attitude, altitude, or heading.
AFETS	Air Force Engineering and Technical Services
AFISC	Air Force Inspection and Safety Center
AFLC	Air Force Logistics Command
AFMPC	Air Force Military Personnel Center
AFOEA	Air Force Organizational Excellence Award
AFR	Air Force Regulation
AFSC	Air Force Systems Command Air Force Specialty Codes
AGE	aerospace ground equipment
AGL	above ground level
AGS	Aircraft Generation Squadron
AHRS	Attitude/Heading Reference System
AIG	Address Indicator Group



aka	also known as
AMAD	Airframe Mounted Accessory Drive
AMU	Aircraft Maintenance Unit
ANG	Air National Guard
APPS	Analytical Photogrammetric Positioning System
APU	Auxilliary Power Unit - an internal power unit that can be used in place of other sources of power to start an aircraft.
AOR	area of operational responsibility
AR	air refueling
ASD	Aeronautical Systems Division/aircraft sortie duration
ATAF	Allied Tactical Air Forces
ATF	Advanced Tactical Fighter
ATCALS	Air Traffic Control and Landing System
ATO	Air Tasking Order
ATS	Air Turbine Starter
AUTODIN	automated digital interface network
AW	Airlift Wing
BAI	Battlefield Air Interdiction - air interdiction over a battlefield.
BCAS	Base Contracting Automated System
BDA	bomb damage assessment
BE	Basic Encyclopedia
BITS	Base Information Transfer System
BLDG	Building

~~CONFIDENTIAL~~

BM	Base Maintenance
BOD	beneficial occupancy date
BTG	basic target graphic
C	Confidential
CAMS	Consolidated Aircraft Maintenance Unit Core Automated Maintenance System
CATM	Combat Arms Training and Maintenance
CB	Test-Coded - aircraft used for testing and evaluation.
CBPO	Consolidated Base Personnel Office
CC	Combat-Coded - aircraft used in a combat role.
CEA	Circular Error Average - The bombing error in a give bombing attack, expressed as the average of bomb impacts, or mean points of impact, from the center of the target.
CENTAF	Central Air Forces
CEP	Circular Error Probable - The probable bomb- ing error expressed in terms of the radius of a circle, centered on the desired mean point of impact of a bombfall.
CES	Civil Engineering Squadron
CINC	Commander in Chief
CINCPACAF	CINC, Pacific Air Forces
CINCUSAFE	CINCE, United States Air Forces in Europe
COMAAFCF	Commander, Allied Air Forces Central Europe
COMO	Combat Oriented Maintenance Organization - includes equipment maintenance, aircraft generation, and component repair squadrons.

~~XXXXXXXXXX~~

CONUS	Continental United States
COSO	Combat Oriented Supply Organization
CRS	Component Repair Squadron
CRT	Cathode Ray Tube - a vacuum tube in which the deflection of an electron beam indicates on a fluorescent screen instantaneously.
CS	Constant Source/Communications Squadron
CSAF	Chief of Staff of the Air Force
CSC	Central Security Control
CSG	Combat Support Group
CSGP	Combat Support Group Provisional
CT	Continuation Training - repeated training in standard flight training subjects and events.
CTG	Combat Target Graphics
CVI	Chief of Readiness and Inspections
CWD	Chemical Warfare Defense
DAF	Department of the Air Force
DCM	Deputy Commander for Maintenance
DCO	Deputy Commander for Operations
DCS	Deputy Chief of Staff
Det	Detachment
DFSC	Defense Fuels Supply Center
DIFM	Due In For Maintenance - aircraft components or parts that must be maintenance periodically by a depot.
DLIR	Downward-Looking Infrared
DMPI	designed mean point of impact

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DMR	Defense Management Review
DNIF	Duty Not to Included Flying
DOC	Designed Operational Capability
DOD	Department of Defense
DOE	Department of Energy
DOZ	Office of Special Projects, Hqs TAC
DRC	Dynamic Research Corporation
DTM	Data Transfer Module
EC	Electronic Combat
ECP	Entry Control Point
EEFI	essential elements of friendly information
EET	Exercise Evaluation Team - additional duty specialists who periodically review unit performance during local exercises.
ELINT	Electronics Intelligence
EMS	Equipment Maintenance Squadron
EOB	Enemy Order of Battle - force training levels, equipment, organizations, and disposition.
EOD	Explosives Ordnance Disposal
EPP	Emergency Power Package
ETV	Electronics Test Van
EWO	electronic warfare officer
FAA	Federal Aviation Administration

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FCF	Functional Check Flight - a check made in an airborne aircraft to determine the efficiency or effectiveness of some component.
FLR	Foward Looking Radar
FLIR	Foward Looking Infrared
FMB	Financial Management Board - approves unit expenditures and recommendation of financial working group.
FMC	Fully Mission Capable
FOT&E	Forward Testing and Evaluation
FOUO	For Official Use Only
FOV	Field of View
FS	Fighter Squadron
FSR	Field Service Representative
FW	Fighter Wing
FWG	Financial Working Group - guides, plans and reviews unit budgetary expenditures.
FWW	Fighter Weapons Wing
FY	Fiscal Year
GBL	Government Bill of Lading
GCC	Graduated Combat Capability
GCI	Ground Controlled Intercept
GE	General Electric
HAP	High Accident Potential
HATR	Hazardous Air Traffic Report
HHQ	higher headquarters
HTG	hard target graphics

[REDACTED]

HTSA	Host-Tenant Support Agreement - governs the extent of support between host and tenant units on a base.
HQ	Headquarters
HUD	Head-up Display
ICT	Integrated Combat Turn
IDMT	Independent Duty Medical Technician
IFE	Inflight Emergency
IFF	Identification Friend or Foe
IG	Inspector General
ILS	Instrument Landing System
IMS	Inertial Measurement System
INS	Inertial Navigation System
IQT	Initial Qualification Training
IR	infrared
IRADS	infrared acquisition and designation system
IRAN	Inspect and Repair as Necessary
IST	Imagery Support Terminal
JCS	Joint Chiefs of Staff
JSOC	Joint Special Operations Command
KTAS	Knots True Air Speed
L	Local (time)
LG	Logistics Group
LGB	Laser Guided Bomb



LSS	Logistics Support Squadron
MAC	Military Airlift Command
MARE	Major Accident Response Exercise - test of a unit's ability to respond to various disasters, including aircraft accidents, chemical spills, and explosions.
MAROPS	Maritime Operations
MC	Mission Capable
MC&G	mapping, charting, and geodesy
MCP	Military Construction Program
MDI	Mu'tipurpose Display Indicator
MDPS	Mission Data Planning System
MDS	Mission Designed System
MILCON	military construction
MOA	Memorandum of Agreement
MOB	Main Operating Base
MOCC	Maintenance Operations Control Center
MOU	Memorandum of Understanding
MQT	Mission Qualification Training
MR	Mission Ready
MS	Maintenance Squadron
MSS	Mission Support System
MWR	Morale, Welfare, and Recreation
NAF	Nonappropriated Fund
NAFR	Nellis Air Force Range



NATO	North Atlantic Treaty Organization
NAVAIDS	Navigation Aids
NCA	National Command Authority
NMC	Not Mission Capable - status denoting inability of aircraft to fly its mission.
NMCB	Not Mission Capable Both - status denoting maintenance and supply problems as reasons for an aircraft's inability to fly.
NMCM	Not Mission Capable Maintenance - status denoting a maintenance problem as the reason for an aircraft's inability to fly.
NMCS	Not Mission Capable Supply - status denoting a supply problem as the reason for an aircraft's inability to fly.
NRTS	Not Repairable This Station
NSA	Night Surface Attack - night level weapons deliveries and night air refueling with emphasis on retrim, trail departures, medium to high altitude route navigation, simulated level LGB deliveries at high altitude on a single target, tanker rendezvous, and tanker wing formations. Includes simulated single-engine (SSE), no headup display (HUD) precision, and non-precision approaches.
NSAT	Night Surface Attack Tactics - five specific training events to practice bomb deliveries, attacks, approaches, and flight procedures.
O&M	Operations and Maintenance
OADR	Originating Agency Determination Required
OBAN	Operating Budget Account Numbers
OCIP	Offensive Capability Improvement Program
OG	Operations Group
OIC	Officer-in-Charge





OJT	On-the-Job Training
OPCOM	Operational Command
OPDD	Operational Plan Data Document
OPLAN	Operations Plan
ORE	Operational Readiness Exercise
OSI	Office of Special Investigations
OSS	Operations Support Squadron
PAA	Primary Authorized Aircraft/program allocated authorizations
PACAF	Pacific Air Forces
PAS	Personnel Accounting System
PDF	Panama Defense Force
PDO	Publications Distribution Office
PEAP	Personnel Evaluation Analysis Program
PERSCO	Personnel Support for Contingency Operations
PGM	Precision Guided Munitions
PMC	Partially Mission Capable - status denoting minor aircraft maintenance problems that do not prevent mission accomplishment.
PMCB	Partially Mission Capable Both - status denoting minor maintenance and supply problems that do not impair mission performance.
PMCM	Partially Mission Capable Maintenance - status denoting a minor maintenance problem that does not impair mission performance.
PMCS	Partially Mission Capable Supply - status denoting a minor part malfunction that does not impair mission performance.



PMD	Program Management Directive
POL	Petroleum, Oil, and Lubricants
PORTS	Portable Receiver or Transmit System
PPDB	Point Positioning Data Base
PPlan	Programming Plan
PPP	Prepositioned Procurement Package - material positioned overseas in advance to support possible deployments.
PRANG	Puerto Rico Air National Guard
PTS	Pilot Training System
PV	Privileged Material
QIC	Quarters Improvement Committee
RAF	Royal Air Force
RAM	radar absorbing material
RAPCON	Radar Approach Control
RCS	Radar Cross Section
RDT&E	Research, Development, Test and Evaluation
REDAP	Remote Engineering Data Automation Program
REEC	Reynold Engineering Company
RFP	request for proposals
RLC	Radar Locator Computer
RLS	Radar Locator System
ROD	Record of Decision
RPI	Rated Position Indicator
RTASS	Remoted Tactical Airborne SIGINT Support

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RTU	Replacement Training Unit
S	Secret
SAC	Strategic Air Command
SACEUR	Supreme Allied Commander, Europe
SACLANT	Supreme Allied Commander, Atlantic
SAM	Surface-to-Air Missile
SAR	Special Access Required
SATAF	Site Activation Task Force
SATCOM	satellite communications
SB	Sentinel Byte
SCI	Sensitive Compartmented Information
SDAP	Special Duty Assignment Pay
SDS	smart data system
SEPT	Situational Emergency Procedures Training
SG	Support Group
SIF	Selective Identification Feature
SIGINT	Signals Intelligence
SJA	Staff Judge Advocate
SOF	Supervisor of Flying
SORTS	Status of Resources and Training System
SPECAT	special category
SPO	Systems Program Office
SPS	Security Police Squadron
TAC	Tactical Air Command

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TACAN	tactical air navigation
TACMET	TAC Management Engineering Team
TAF	Tactical Air Forces
TASMO	Tactical Shipping and Maritime Operations
TCD	Time Compliance Directive
TCTO	Time Compliance Technical Order
TDF	Tactical Digital Facimile
TDY	temporary duty
TEP	tactical electronic intelligence processor
TES	Test and Evaluation Squadron
TF	Training-Coded - aircraft used for training only.
TFTS	Tactical Fighter Training Squadron
TFTW	Tactical Fighter Training Wing
TFW	Tactical Fighter Wing
TFWC	Tactical Fighter Weapons Center
TFWP	Tactical Fighter Wing Provisional
TG	Tactical Group
TMO	Traffic Management Office
TOT	time-over-target
TPFDL	Time Phased Force Deployment List - document that schedules units, equipment, and personnel for overseas deployments.
TS	Test Squadron
TTR	Tonopah Test Range
UE	Unit-Equipped



UN	United Nations
US	United States
USAF	United States Air Force
USAFE	United States Air Forces in Europe
UTC	unit type code
UTE	aircraft Utilization Effectiveness rate - number of sorties and duration of sorties an aircraft is scheduled to fly a month.
VOC	Vehicle Out of Commission
VDM	Vehicle Dealined for Maintenance - vehicles out of commission for a maintenance problem.
VDP	Vehicle Deadlined for Parts - vehicles out of commission due to a lack of parts.
VFR	Visual Flight Rules - rules restricting aircraft flight to minimum altitudes and limits of visibility.
VHF	Very High Frequency
VMC	Visual Meteorological Conditions
VTR	Video Tape Recorder - records mission performance on video tape for later review.
WCS	Weapons Control System
WDC	Weapons Delivery Computer
WRSK	war readiness support kit
WSC	Weapons System Computer

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