

3 M
SUMMARY

JUNE

ORGANIZATIONAL/INTERMEDIATE MAINTENANCE MONTHLY 3-M SUMMARY
COMNAVAIRPAC-GEN-4700/16 (7-67) 0190-141-6000

FROM	TO	FOR (Month and Year)
Light Attack Squadron FOUR	COMNAVAIRPAC	JUNE 1969

NARRATIVE ANALYSIS (ENTER ANY COMMENTS WHICH ARE DEEMED PERTINENT. INCLUDE ACTION TAKEN ON ATTENTION ITEMS/ASSISTANCE ITEMS FOR WHICH AUTHORITY

The June summary again shows an increase in the already high overtime manhours. This months continuing upward trend was due to the increase of scheduled maintenance and higher aircraft utilization. Overtime manhours should decrease as FASU assumes IMA responsibility for certain components, particularly the T-76 engine.

The upward cannibalization trend will require careful management, in accordance with COMNAVAIRPAC INST. 4700.17. Receipt of portable FM radios for use by Maintenance/Material Control will assist in controling cannibalization, especially at Detachment Alpha. In addition, improvement of the supply of rotables, particularly ARN-52, APX-64, and ARC-54, would greatly reduce cannibalization.

DOCUMENTATION OF ETS PERSONNEL ASSIGNED TO VAL-4:

Original assigned Manhours LC 639 --- 336

Overtime manhours labor code 639 --- 260

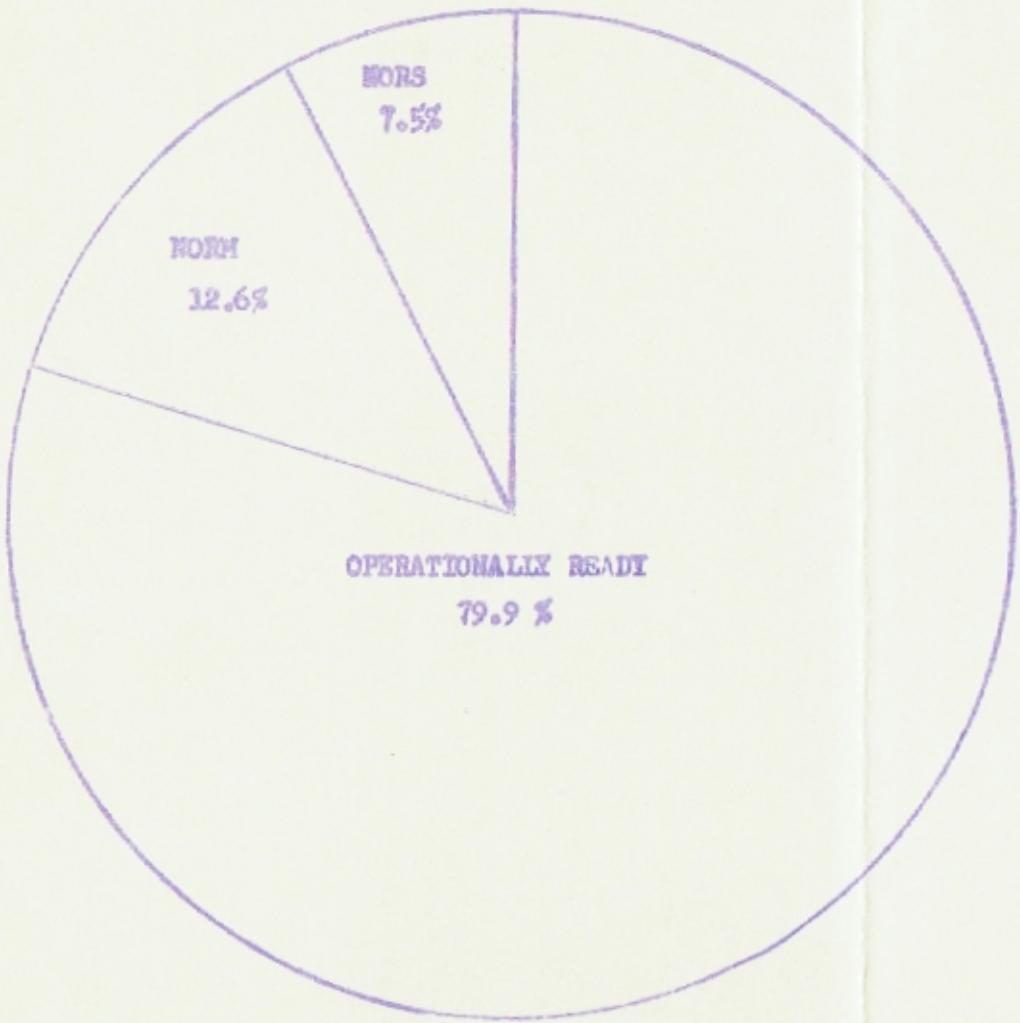
MANHOURS EXPENDED BY LABOR CODE

Labor code	Manhours
639	449
666	147
667	166.5
668	0
669	0

PREPARED	SUBMITTED	APPROVED/SAVED
AN2 S.C. SHEAFF	W.D. BARTLETT LCDR.	D.L. WINANS CDR

DATE

AIRCRAFT READINESS CHART



TYPE AIRCRAFT OV-10A

JUNE 1969
MONTH - YEAR

1. HRS OF READY 8052.6
(hrs op ready = possessed hrs less NOR hrs)

2. HRS NORS 751

3. HRS NORM 1276.4

4. HRS RMC 2397

5. TOTAL POSSESSED HRS 10080
(1+2+3 = 5)

6. AWM HRS NORM 574.4

7. AWM HRS RMC Ø

SOURCE: DATA ANALYSIS RECORDS
(CT 79, 5442-20)

AIRCRAFT READINESS TREND VAL-4 (W-10A (AYHA)

	PRECEDING MONTHS	JAN	FEB	#MAR	*APR	MAY	JUN
1.	HRS "TH"READY REP STAT	7752	[illegible]	Ø	7032	10416	10080
2.	OP READY HOURS	[illegible]	[illegible]	Ø	[illegible]	8623.6	8053
	% OP READY	82.4	79.8	Ø	80.2	82.8	79.9
3.	NOR SCHED MAINT HOURS	720	35.5	Ø	572	273.5	510.8
	% NOR SCHED MAINT	9.3	.4	Ø	8.4	2.6	5.0
4.	NOR UNSCHED MAINT HRS	562.2	436.1	Ø	449.8	569.4	765.6
	% NOR UNSCHED MAINT	7.2	5.0	Ø	6.2	5.5	7.6
5.	NOR SUPPLY HOURS	82	1303.6	Ø	286	949.5	751
	% NOR SUPPLY	1.1	14.8	Ø	4.2	9.1	7.5
6.	NORI (AWE) MAINT HRS	632	202.4	Ø	393.3	364.4	574.4
	% NORI AWAITING HRS	49	43	Ø	48	43.2	45
7.	RMC SCHED MAINT HOURS	Ø	Ø	Ø	Ø	Ø	1.5
	% RMC SCHED MAINT	Ø	Ø	Ø	Ø	Ø	Ø
8.	RMC UNSCHED MAINT HRS	Ø	Ø	Ø	Ø	Ø	13.8
	% RMC UNSCHED MAINT	Ø	Ø	Ø	Ø	Ø	.1
9.	RMC NOT FUL EQUIP HRS	Ø	Ø	Ø	Ø	1339	2382
	% RMC NOT FULLY EQUIP.	Ø	Ø	Ø	Ø	12.9	23.6
10.	RMCM (AWM) MAINT HOURS	Ø	Ø	Ø	Ø	Ø	Ø
	% RMCM AWAITING MAINT	Ø	Ø	Ø	Ø	Ø	Ø

NOTE: (1) The NORI Awaiting Maint. Hours and the RMCI Awaiting Maint. Hrs are included in the RMC Maint Hrs.
(2) The sum of lines 2 through 5 will equal 100%.
(3) #MARCH, In transit and preservation.
(4) *APRIL, Reporting period beginning 7 APR 69.

1969
YEAR

SOURCE: DATA ANALYSIS RECORDS

I-2

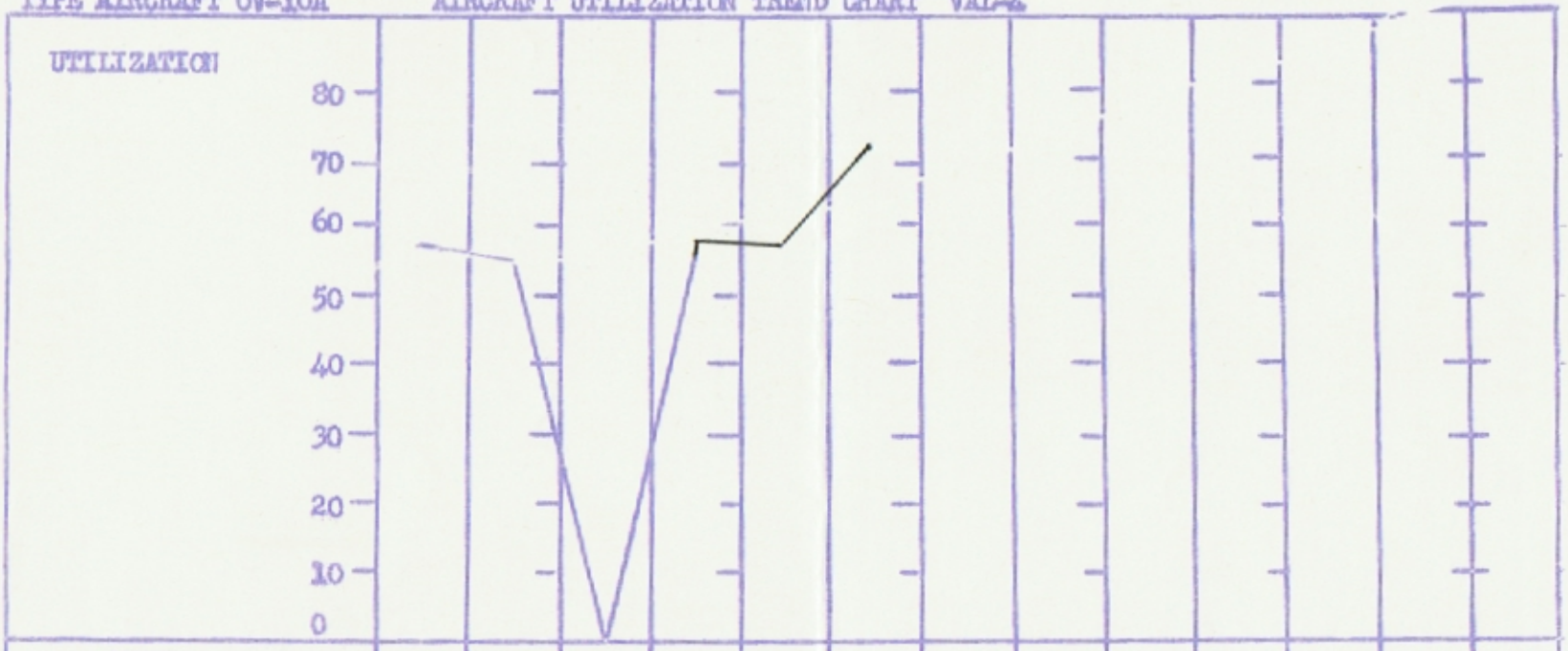
DISTRIBUTION OF "IN" READY REPORTING STATUS (HOURS) BY BUREAU NUMBER --- VAL-4 ---

BUREAU NUMBER	HOURS "IN" READY REPORTING STATUS	NORM HOURS			NORS HOURS	NMC HOURS				OP READY HOURS	NUMBER OF FLIGHTS
		SKED	UNSKED	AWM		SKED	UNSKED	NFE	AWM		
155495	720	95	162.8	101			1	82.5		162.2	40
155461	720	16	15.9	9	35		4.5	380.5		653.1	38
155496	720	236		128	136			225		368	20
155463	720	.8	.5		16	.5	1.3	12.5		702.7	48
155497	720		193.2	94.4				12.5		526.8	41
155471	720		57.1	22.5				20.5		662.9	45
155472	720		20.1	9			.5	34		699.9	39
155475	720	1	81.2	42	152		2	63.5		485.8	27
155490	720		117.2	53				88.3		602.8	43
155491	720	1	60.5	13	93	1	1	210		567.5	45
155493	720							210		720	40
155494	720	179	29.3	97	320			103.1		391.7	17
155503	720		19.8	5.3			1	610.5		700.2	44
155474	720	2	8		1		2.5	310.8		709	42
TOTALS	10080	510.8	765.6	574.4	751	1.5	13.8	2361.7		8052.6	529
PERCENT		5.0	7.6	45	7.5	0	.1	23.6		79.9 %	

TYPE A/C: OV-10A
MON/ YR : JUN 69

SOURCE: ANALYSIS RECORDS

TYPE AIRCRAFT OV-10A AIRCRAFT UTILIZATION TREND CHART VAL-4



MONTHS CURRENT & PREVIOUS	JAN	FEB	# MAR	* APR	MAY	JUN
AIRCRAFT UTILIZATION	57.1	55	Ø	57.9	57.2	72.2
TOTAL FLIGHT HOURS	656.6	637.4	Ø	666.1	800.9	1010.5
TOTAL SORTIES	330	514	Ø	395	450	529
AVERAGE NO. OF A/C	11.5	11.6	Ø	11.4	14	14

MARCH, Aircraft in preservation and transit
* APRIL, Reporting period beginning 7 April 1969.

SOURCE: DATA ANALYSIS RECORDS
YEAR: 1969

DIRECT MAINTENANCE MANHOURS PER FLIGHT HOUR BY BUREAU NUMBER

ACTIVITY: VAL-4 PERIOD: JUNE 1969 TYPE EQUIP:AYHA TYPE AIRCRAFT:OV-10A

BUREAU NUMBER	ACFT TIME	MANHOURS BY TYPE MAINTENANCE							TOTAL MAN-HOURS	ACFT FLT HOURS	MMH PER FLT HRS	CORROSION TREATMENT	CALENDAR INSPT LOOK PHASE
		UNSKED MAINT	CAL INSP	ACEPT INSP	COND INSP	PRD RATED SUPPORT	TDC	IMA M/H					
155495	280.9	167.3	128.5			568.1	22	60.1	946	69.4	13.6		106.5
155461	357.4	39	20			714.7	2	25.2	790.9	87.3	9.1		20
155496	259.3	43.8	110.8			329.9	11	12.1	507.6	40.3	12.6		92.3
155463	440.9	18.3				644.2		6.0	668.5	78.7	8.5		
155497	241.6	91.5				570.5	7.1	34.3	703.4	69.7	10.1		
155471	397.5	94.1				741.6		113	948.7	90.6	10.5		
155472	396.3	43				549.2		22.5	614.7	67.1	9.2		
155475	306.5	62.6				433.8		72.1	568.5	53	10.7		
155490	263.6	118				655.6	6.1	78.5	858.2	80.1	10.7	.5	
155491	275.9	43.1	4.0			804.6		55	906.7	98.3	9.2		4.0
155493	253.8	24				706.4	.1	9.1	739.6	86.3	8.6		
155494	83	168.8	242.5			191.5	16	48.5	667.3	23.4	28.5		203.5
155503	230.7	40.6				601.6		3.0	645.2	73.5	8.8		
155474	383.4	36.5				760.5	39	46.5	882.5	92.9	9.5		
TOTALS		990.6	505.8	0	0	8272.2	103.3	575.9	10447.5	1010.5	10.3	.5	326.3

BUNO 155494 IN CHECK 27 DAYS OF WHICH 18 WERE IN NORS STATUS FOR WUC 22700

TOTAL SORTIES: 529

SORTIES PER A/C: 37.8

SOURCE: MDR 7, 4-2, & RECORDS

ACTIVITY: VAL-6 CORROSION CONTROL MONTH/YEAR JUNE 1969

WORK UNIT CODE	NOMENCLATURE	TYPE EQUIP	ITEMS PROCESSED	MAN HOURS	
AYHA	OV-10A	AYHA	57	114.2	
22700	T-76-G-10 ENG	TBSA	34	9.8	
22700	T-76-G-12 ENG	TBFA	35	10.4	
COMMENTS:					

II-2 SOURCE: MIR

ACTIVITY: VAL-4 TEN HI-MANHOUR CONSUMERS PERIOD: JUNE 69

WORK UNIT CODE	NOMENCLATURE	MAN-HOURS	ITEMS PROCESSED
22700	T-75 ENGINE	336.5	29
7143100	RT 384/ARN 52(V) RCVR-XMTR	212.5	50
75800	MARK 4 GUN POD (off aircraft as end item)	82.0	5
2276300	FUEL CONTROL	75.5	7
62170	AN/ARC 54 RADIO SET	74	25
6528100	RT 728/APX 64(V) RCVR-XMTR	64.3	21
6315100	RT 650/ARC 51 RCVR-XMTR	44	21
62171	RT 348/ARC 54 RCVR-XMTR	34	12
51712	FUEL QUANITY TANK UNIT	33	4
63154	C6476/ARC51A CONTROL	31	5

SOURCE: MDR 5

TEN HI-MALFUNCTION ITEMS
COMNAVAIRPAC-CEN-4700/23 (7-67) 0190-142-3000

ACTIVITY: VAL-4

TYPE AIRCRAFT: OV10A

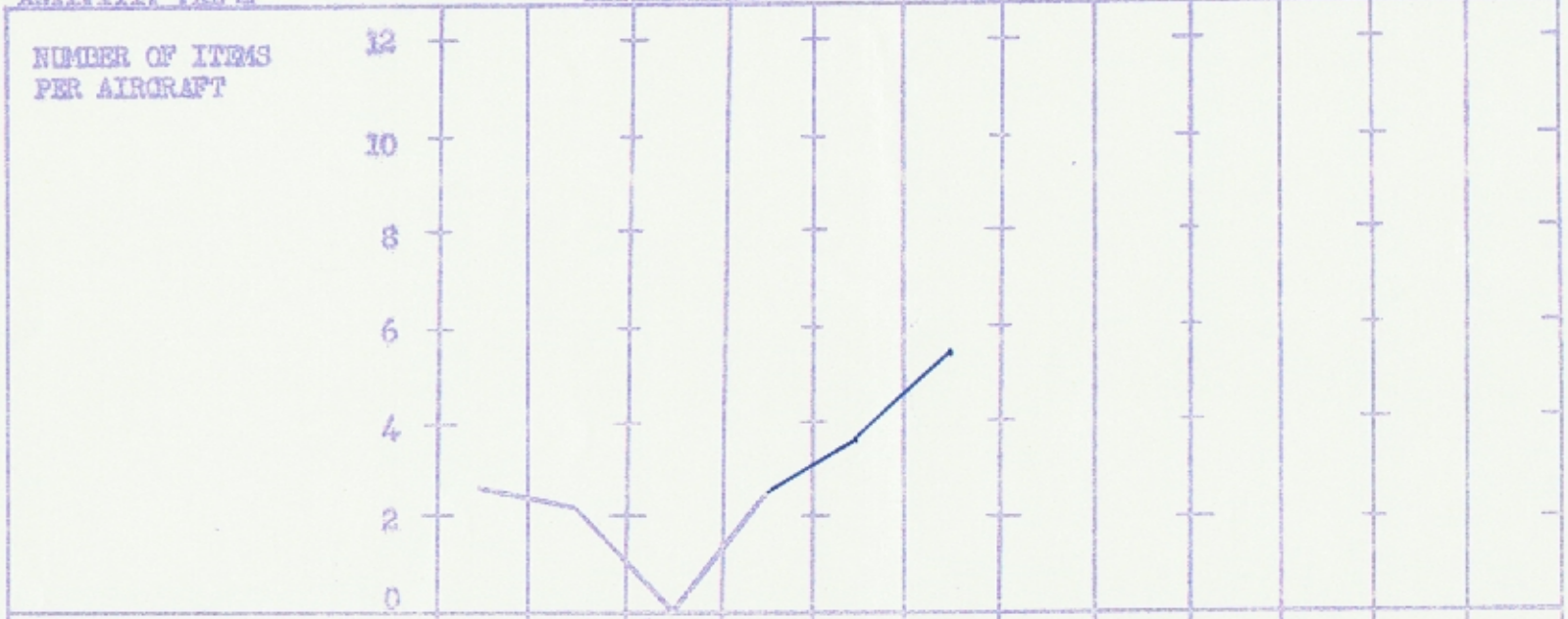
WORK UNIT CODE	NOMENCLATURE	FREQ.	MAN HOURS PER ITEM
64200	EXTERIOR LIGHTS	92	.5
7143100	RT 384/ARN 52(V) RCVR-XMTR	21	5.9
75500	EXTERNAL ARMAMENT SYSTEM	28	.5
75121	M60 MACHINE GUN	19	.5
62270	AN/ARC 54 RADIO SET	18	4.1
29511	EXHAUST PIPE	16	1.5
64219	NOC, UNDER AN/AIC 18 INTERCOMMUNICATIONS SET	16	1.0
22700	T-76 ENGINE	14	19.1
6315100	RT 650/ARC 51 RCVR-XMTR	11	2.5
64113	UTILITY LIGHT	11	.5

COMMENTS

JUNE 1969
MONTH - YEAR

SOURCE:

ACTIVITY: VAL 4 CANNIBALIZATION TREND CHART TYPE AIRCRAFT CW-10A



PREVIOUS MONTHS	JAN	FEB	# MAR	* APR	MAY	JUN
TOTAL ITEMS	30	26	ø	28	52	77
TOTAL MAN-HOURS	179.7	59.4	ø	54.2	135.6	228.7
ITEMS PER AIRCRAFT	2.6	2.2	ø	2.5	3.7	5.5
MAN-HOURS PER ITEM	6.0	2.3	ø	1.9	2.6	3

YEAR: 1969 SOURCE: MDR 6

COMMENTS: # MARCH, Aircraft in preservation and transit.
* APRIL, Reporting period beginning 7 APR 69.

BEYOND CAPABILITY OF MAINTENANCE (BCM) DATA

ACTIVITY: VAL-4 PERIOD: JUNE 1969

NOTE 1	WORK UNIT CODE	NOMENCLATURE	MFG CODE	PART NUMBER	ITEMS PROCESSED: CUR MONTH	ITEMS PROCESSED: PAST 6 MON	NOTE 2
2	51336	Controller ID663B/U BDHI (Ref. 7IX1L)Compass Syst	07187	C8021/ASN-75	1	Ø	Stub No. 91816019
2	56232	Compass Set Control C8021/ASN-75	07187	2589386	1	Ø	Stub No. 91786026
2	51334	Amplifier compass syst	07187	2590371	1	Ø	Stub No. 91826026 These 3 parts on order To test any component of the Compass system all individual compnts must be available in the shop.
6	44214	Anti-collision light	78366	MS25277-1	1	Ø	Need Handbook OVHL Inst & IPB Stub No. 1000 Date 9182

NOTES: (1) BCM Action Taken Code
(2) Describe equipment, tools or facilities not available. Identify lack of technical skills by Rate/NEC. Identify technical data not available. Indicate equipment, tools, technical data, ETC. by stub requisition number.

BEYOND CAPABILITY OF MAINTENANCE (BCM) AND PERCENT RETURNED TO RFI STATUS

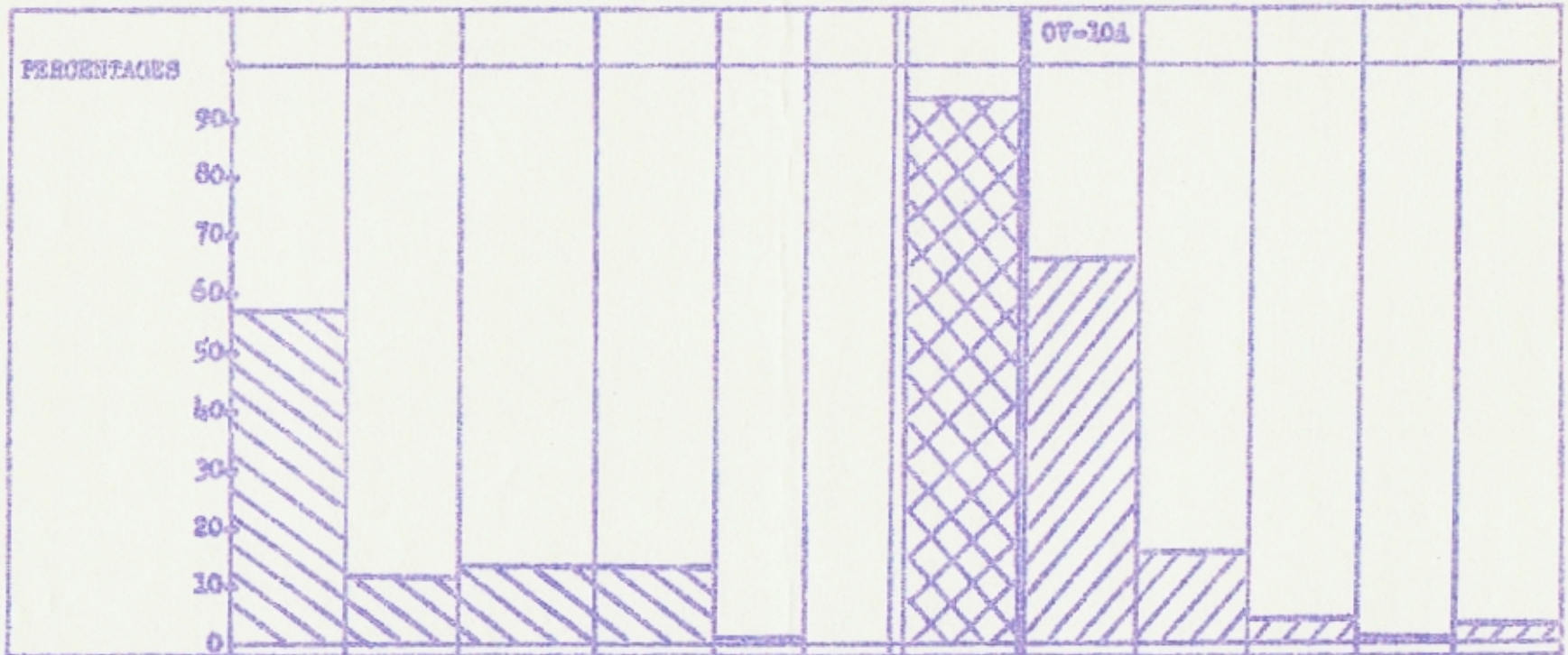
PERCENT RETURNED RFI STATUS (OVERALL ACTIVITY)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
% PRODUCTION EFFICIENT						95.4						
% RETURNED RFI						82.4						

ACTION TAKEN	WORK CENTER										TOTAL	% OF TOTAL
	410	550	610	620	700							
A NO REPAIR REQUIRED			18	2							20	18.5
B REPAIRED (NO WUC)												
C REPAIRED (WUC)	1	10	47	8	3						69	63.9
SUB-TOTAL	1	10	65	10	3						89	82.4
1 REPAIR NOT AUTHORIZED				14							14	13
2 LACK EQUIP TOOLS PAC				3							3	2.8
3 LACK TECH SKILLS												
4 LACK OF PARTS				1							1	.9
5 SHOP BACKLOG												
6 LACK OF TECH DATA				1							1	.9
7 EXCESS TO ACTIVITY												
8 BUDGETARY LIMITATION												
9 CONDEMNED												
SUB-TOTAL				19							19	17.6
TOTAL ACTION	1	10	65	29	3						108	

JUNE 1969 (MONTH/YEAR) VAL-4 (ACTIVITY) MDR 8-3 (SOURCE)

ACTIVITY: VAL-4 MANAGEMENT EVALUATION CHART PERIOD: JUNE 1969



TITLE	TOTAL MAN-HOURS	DIRECT LABOR 500	SUPER-VISION 630	INDIRECT 600 LESS 630	NONPRO-DUCTIVE 700	DUTY 800	NON DUTY 900	TOTAL MDR HOURS	AVNA MDR HOURS	T[illegible] SERIES TE MDR HOURS	MARK 4 gun pod MDR HOURS	TNEA TNFA MDR HOURS	OTHER MDR HOURS
TOTAL M/Hs	26892.6	15470.9	3423.2	3823.9	3791.7	400.4	72.5	14488.9	10447.5	2739.7	553.5	244.2	510
% M/H TOTAL		57.4	12.7	14.1	14.1	1.5	.2	93.7	67.5	17.7	3.6	1.6	3.3
NET M/H	15411	8530.2	2303.5	2582.6									
OT M/Hs	12620.6	6940.7	1119.7	1241.3	2269.9								

SOURCE: MDR 2, 5, NHA 4

COMMENTS:
Documentation best yet, workcenters are getting situated into the unusual procedures of "In Country" 3-M.
Non-productive high due to 24 hour alert crew.
NOTE: High manhours on MK 4, not part of A/C system.

ACTIVITY: VAL-4 MANHOUR DISTRIBUTION TABLE MONTH: JUNE 1969

LABOR CODE	DESCRIPTION	ORIGINAL ASSIGNED MANHOURS	%	OVERTIME MANHOURS	%	ADJUSTED MANHOURS	% OF TOTAL ASSETS
500	DIRECT LABOR	10656	69.1	6940.7	55	15470.9	57.4
610	MAINT STAFF	1678.5	10.8	683.5	5.7	2341	8.7
620	MAINT ADMIN	501	3.5	376.5	2.9	910	3.4
630	MAINT MANAGEMENT	2575.5	16.6	1119.7	9	3423.2	12.7
640	Vehicle/Equip Operation			15	.2	78	.2
650	Plant Maintenance			90.3	.9	272.4	1
660	Maint Tech Training			76.0	.7	222.5	.8
	SUB-TOTAL	4755	30.9	2361	18.7	7247.1	26.8
710	Work stoppage			17	.2	23	.1
720	Delay			3		5	
730	Standby			2128.9	16.9	3451.2	12.8
740	Awaiting Work			121	.9	332.5	1.2
	SUB-TOTAL			2269.9	18	3791.7	14.1
810	Military Duty			1037	8.2	377.4	1.4
820	Military Training			12	.1	23	.1
	SUB-TOTAL			1049	8.3	400.4	1.5
910	Leave/Hdb/EOR					28	.1
920	Compensatory Time						
930	Personal Affairs					8.5	
940	Medical					35.0	.1
950	UA/ Confinement						
	SUB-TOTAL					72.5	.2
	TOTALS	15411.0		12620.6		26982.6	TOTAL ASSETS

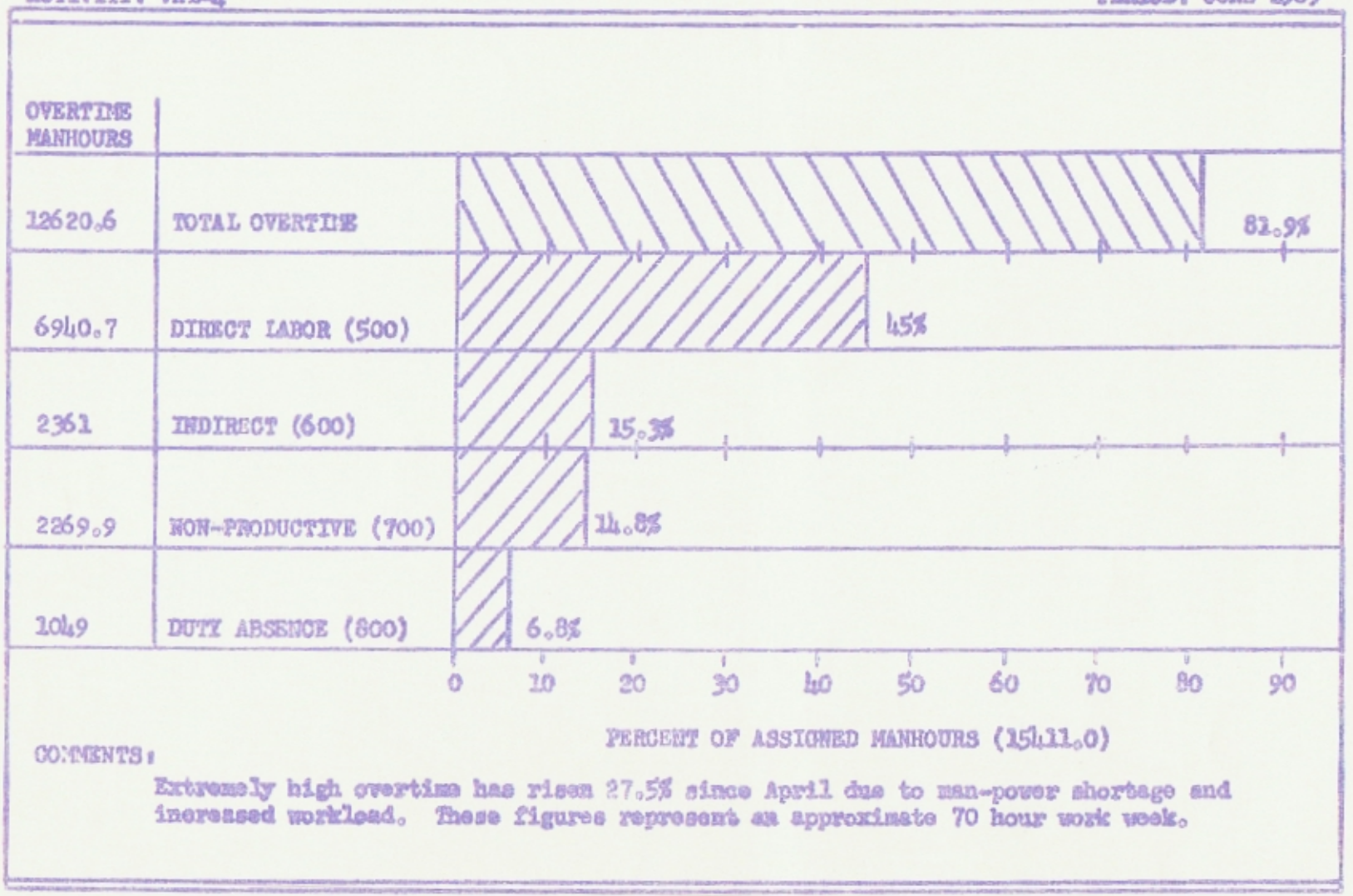
TOTAL MDR MANHOURS: 14486.9 PERCENT OF TOTAL ASSETS 53.7 VARIANCE 6.3%

SOURCE: MHA 4, MDR 2

UTILIZATION OF OVERTIME MANHOURS

ACTIVITY: VAL-4

PERIOD: JUNE 1969



COMMENTS:

Extremely high overtime has risen 27.5% since April due to man-power shortage and increased workload. These figures represent an approximate 70 hour work week.

SOURCE: MIA 4

VAL-4

GROUP IX PERSONNEL ON BOARD NOT ASSIGNED TO MAINTENANCE

FUNCTION	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	TOTAL
LCPO						1			1
1st LT Div		8	1						9
Operations		1							1
TOTAL		9	1			1			11

GROUP IX PERSONNEL TAD TO AIMD/IMA/SUPPLY/STATION ETC.

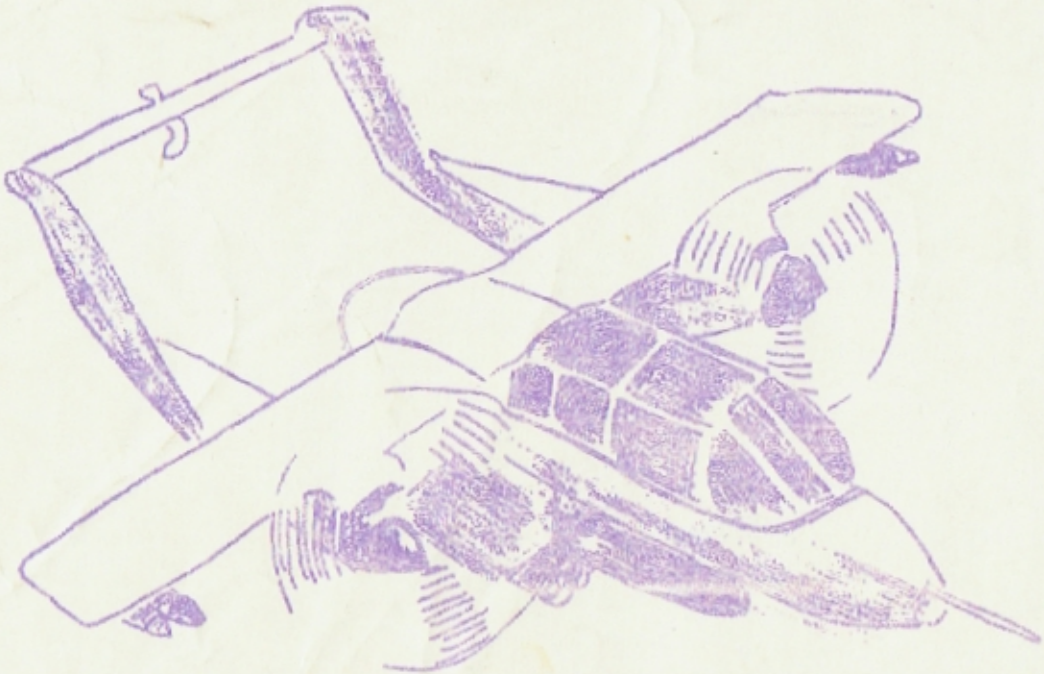
FUNCTION	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	TOTAL
FASU (supply)		2							2
Marble Mt Eng Build-up			1		1				2
TOTAL		2	1		1				4

JUNE 1969
MONTH/YEAR

III-6

SOURCE: MIA 00, & ENLISTED ROSTER

VAL 4



3M SUMMARY

July 1969

ORGANIZATIONAL/INTERMEDIATE MAINTENANCE MONTHLY 3-M SUMMARY
COMNAVAIRPAC-GEN-4700/16 (7-67) 0130-147-6000

FROM	TO	FOR (Month, Year)
Light Attack Squadron FOUR (VA4)	COMNAVAIRPAC (Code 743)	JULY 1969

NARRATIVE ANALYSIS (ENTER ANY COMMENTS WHICH ARE DEEMED PERTINENT, INCLUDE ACTION TAKEN OR ACCOMPLISHMENTS/ASSISTANCE NEEDED FOR HIGHER ECHELON)

The July summary shows a significant reduction in the cannibalization rate which resulted from increased management controls employed IAW CNAF INST 4700.17. This had the expected result of increased MORS hours now significantly above OPNAV standards. This increase could be largely off-set if an adequate pool of rotable spares of avionics equipment were available.

The down-ward trend of manhours per flight hour continued during the month of July as squadron maintenance personnel gained more experience with the aircraft. A further apparent reduction is expected in the future as VASU Binh Thuy (non-3M/TMS reporting) assumes IMA responsibilities.

Documentation of ETS personnel assigned to VA-4:

Original assigned manhours MC 639 ---- 352

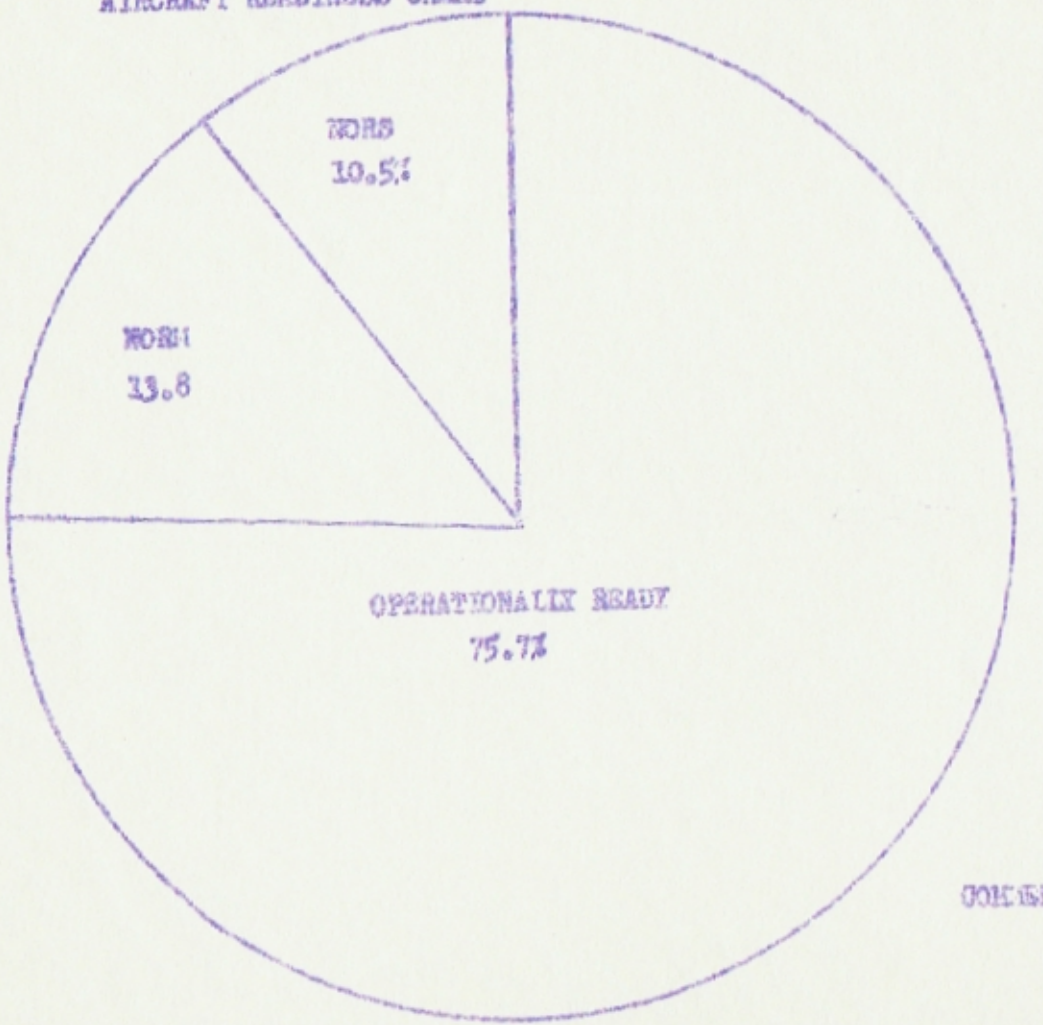
Overtime manhours labor code 639 ---- 277

Manhours expended by labor code

Labor code	Manhours
632	165
666	1.0
667	378.5
668	0.0
639	0.0

PREPARED	SUBMITTED	AUTHENTICATED
ANALYST S.C. SHEARD, YZ2	W.D. BARTLETT LCDR	W.L. WILKES CDR

AIRCRAFT READINESS CHART



ACTIVITY: VAL-4

1. HRS OF READY 7667.2
   (Hrs Op Ready = possessed Hrs less NO Hrs.)
2. HRS NORS 1065.3
3. HRS NORM 1395.5
4. HRS NRB 1363.1
5. TOTAL POSSESSED HRS 10128
   (2+3+4=5)
6. AMI HRS NORM 545.8
7. AMI HRS NRB 0

TYPE AIRCRAFT: OV-10A

MONTH - YEAR: JULY 1969

SOURCE: LOCAL ASD RECORDS

COMMENTS: NOR SUPPLY percentage exceeds OPNAV standards, this and slightly higher scheduled maint. hours than usual has lowered the Op Ready percentage below that of squadron average based on past data.

ACTIVITY: VAL-4

AIRCRAFT READINESS TREND 1969

TYPE AIRCRAFT: OV-10A

	MONTHS	JAN	FEB	#MAR	*APR	MAY	JUN	JUL				
1.	HRS "IN" READY RPT STAT	7752	8781	$	7052	10416	10080	10128				
2.	OP READY HOURS	4307.8	7008.8	&	5723.2	8623.4	8053	7667.2				
	% OF READY	62.4	79.8	@	82.2	82.8	79.9	75.7				
3.	NOR SCHED MAINT HOURS	720	35.5	¢	571	272.5	510.8	638.4				
	% NOR SCHED MAINT	9.3	.4	$	8.4	2.6	5	6.3				
4.	NOR UNSCHED MAINT HRS	562.2	438.2	¢	462.8	569.4	765.6	757.1				
	% NOR UNSCHED MAINT	7.2	5	¢	6.2	5.5	7.6	7.5				
5.	NOR SUPPLY HOURS	82	1303.6	¢	280	969.5	751	1065.3				
	% NOR SUPPLY	1.1	14.8	¢	4.2	9.3	7.5	10.5				
6.	NORI (AMI) MAINT HRS	632	202.4	¢	491.3	354.4	578.4	585.8				
	% NORI AWAITING HRS	49	43	¢	48	43.2	45	39.1				
7.	RMC SCHED MAINT HOURS	¢	¢	¢	¢	¢	1.5	11				
	% RMC SCHED MAINT	¢	¢	¢	¢	¢	¢	.1				
8.	RMC UNSCHED MAINT HRS	¢	¢	¢	¢	¢	10.8	84.7				
	% RMC UNSCHED MAINT	¢	¢	¢	¢	¢	.1	.8				
9.	RMC NFE HOURS	¢	¢	¢	¢	2332.3	2331.7	2570.4				
	% RMC NOT FULLY EQUIP	¢	¢	¢	¢	12.9	23.5	25.5				
10.	RMOM AWAITING MAINT HRS	¢	¢	¢	¢	¢	¢	¢				
	% RMOM AWAITING MAINT	¢	¢	¢	¢	¢	¢	¢				

NOTE: (1) The NORM Awaiting Maint. Hours and the RMOM Awaiting Maint. Hours are included in the NOR Maint. and the RMC Maint. Hours.
(2) The sum of lines 2 through 5 will equal 100%.
(3) # MARCH, Aircraft in preservation and transit.
(4) * APRIL, Reporting period beginning 7 APR 69

SOURCE: LOCAL RECORDS (FSC 5142-20)

DISTRIBUTION OF HOURS "IN" READY REPORTING STATUS BY BUREAU NUMBER

ACTIVITY: VAL-4 JUNE 1969 TYPE AIRCRAFT: OV-10A

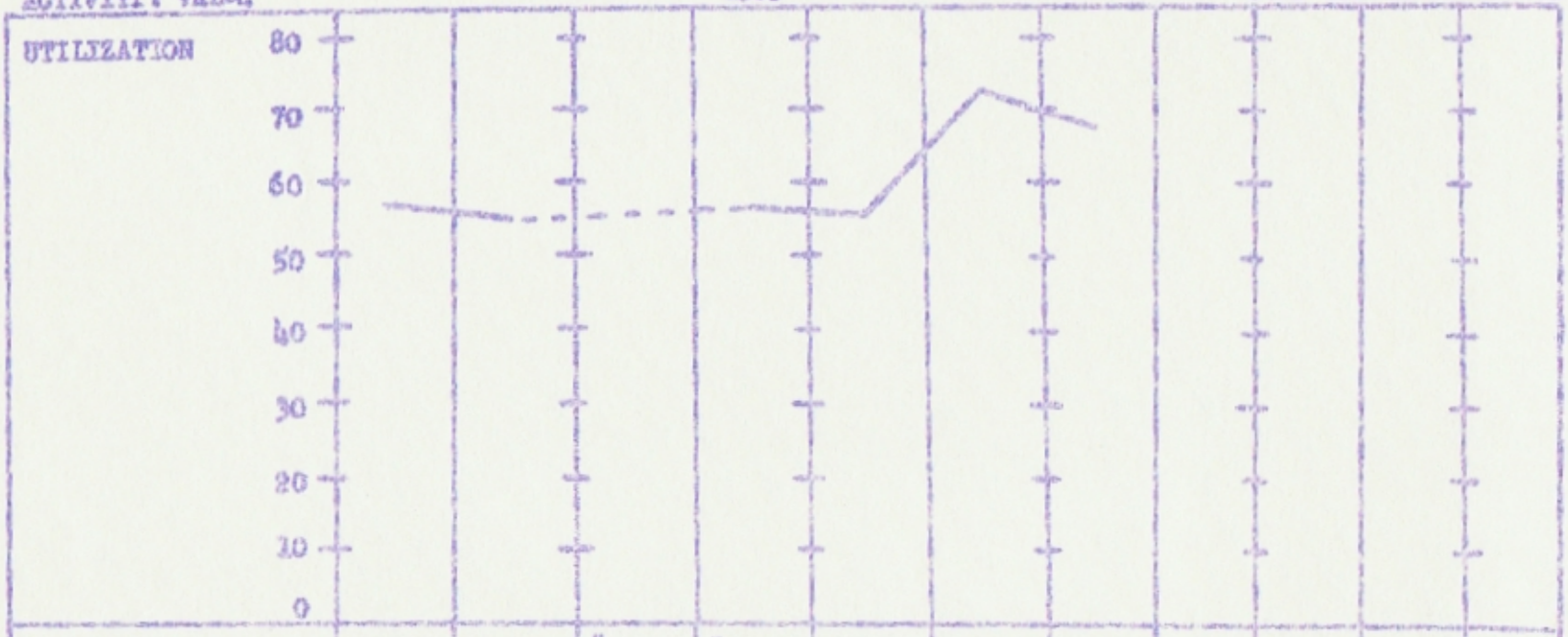
BUREAU NUMBER	HOURS "IN" READY REPORTING STATUS	NORM HOURS			NORS HOURS	MEC HOURS				OF MAINT HOURS	NUMBER OF FLIGHTS
		SKED	UNSKED	ANN		SKED	UNSKED	NFE	ANN		
155495	744	3.4	193.3	55.3			1.5	3		547.3	36
155461	744	279.5	4	159.5	164		30.8	25.5		303	19
155496	744	43.2	11	24	680.8					9	0
155463	744	12.8	34	8			34.6	31		697.2	40
155497	744	53	4.3	24			7	76.5		688.7	49
155471	744	12.8	6.2				8.4	87.6		725	34
155472	744	77.5	5.6	44			2.3			660.9	37
155475	744	8.5	328.4	240	27		9.5	27.5		280.1	37
155490	455	4.6	7.5	2				13.8		443.9	32
155491	744	9.5	9.5	5			9.8	321		725	41
155493	744	13.5	28.5	8			5	13.7		702	52
155494	744	23.8	89.4	22	27.5		6.5	540.3		605.3	50
155503	744	92.5	33.4	45	152.2		1.8	365		459.2	30
155474	744	.8	2		14.8	13	7.5	57.3		726.4	42
TOTAL	20128	638.4	757.1	545.8	1055.3	22	84.7	1570.4		7667.2	485
PERCENT		6.3	7.5	39.1	10.5	.1	.8	15.5		75.7	

SOURCE: LOCAL RECORDS (ASD)

AIRCRAFT UTILIZATION TREND CHART
1969

ACTIVITY: VAL-4

TYPE AIRCRAFT: OV-10A



MONTHS	JAN	FEB	# MAR	* APR	MAY	JUN	JUL				
AIRCRAFT UTILIZATION	57.2	55	ø	57.9	57.2	72.2	68.7				
TOTAL FLIGHT HOURS	656.6	637.4	ø	660.1	800.9	1010.5	934.6				
TOTAL SORTIES	330	524	ø	395	450	529	485				
AVERAGE NO. OF A/C	11.5	11.6	ø	12.4	14	14	13.6				

MARCH, Aircraft in preservation and transit.
* APRIL, Reporting period beginning 7 APR 69.

SOURCE: IDCAL RECORDS (ESD)

AWAITING MAINTENANCE HOURS BY REASON CODES

MATERIAL CONDITION	BUREAU NUMBER	AWAITING MAINTENANCE REASON CODES							
		1	2	3	4	5	6	7	8
NORMS	155461				159.5				
	155496				24				
	155497				24				
	155472				97	7			
	155503				45				
	TOTAL				289.5	7.Ø			
NORMU	155495				55.3				
	155463				8				
	155475	18			131				
	155490				2				
	155491				5				
	155493				8				
	155494				22				
	TOTAL	18.Ø			231.3				
GRAND TOTAL		18.Ø			520.8	7.Ø			

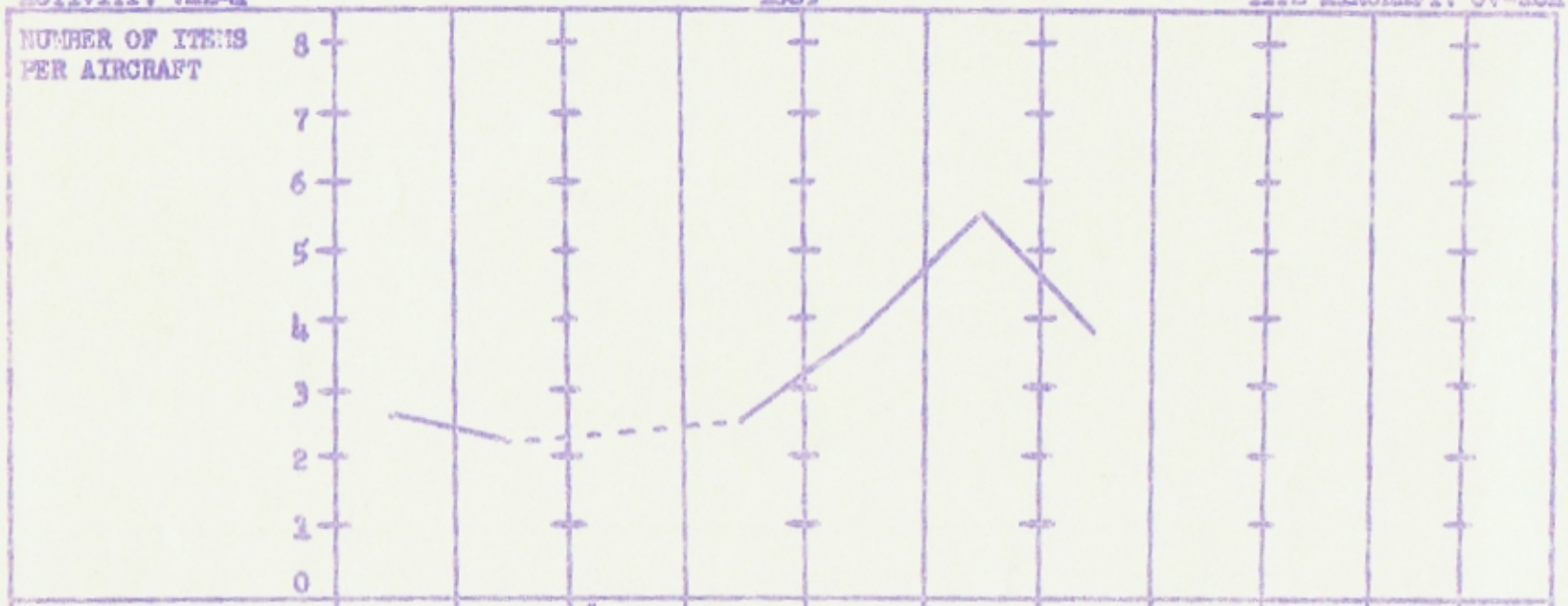
TAL-4 ORGANIZATION | OV-10A TYPE A/C | JULY 1969 TENTH-YEAR

SOURCE: LOCAL ASD RECORDS

ACTIVITY: VAL-4

CANNIBALIZATION TREND CHART
1969

TYPE AIRCRAFT: OV-10A



MONTHS	JAN	FEB	# MAR	* APR	MAY	JUN	JUL				
TOTAL ITEMS	30	26	ø	28	52	77	52				
TOTAL MANHOURS	179.7	59.4	ø	54.2	135.6	228.7	84.8				
ITEMS PER AIRCRAFT	2.6	2.2	ø	2.5	3.7	5.5	3.8				
MANHOURS PER ITEM	6	2.3	ø	1.9	2.6	3	1.6				

MARCH, Aircraft in preservation and transit.
* APRIL, reporting period beginning 7 Apr 69.

SOURCE: MDR 6

CORROSION TREATMENT/PREVENTION REPORT

SAF SUPPORT CODE	MAF WORK UNIT CODE	NOMENCLATURE	TYPE EQUIPMENT	ITEMS PROCESSED	MAN-HOURS
040		OV-10A Aircraft	OV-10A	143	270.5
040		T-76-G-10 (TREA) Engine	T-76	20	5.4
040		T-76-G-12 (TRFA) Engine	T-76	20	5.3
			GRAND TOTAL	183	281.2

VAL-4 ORGANIZATION | OV-10A TYPE A/C | JULY 1969 MONTH - YEAR

SOURCE: MDR-5

WORK UNIT CODE	NOMENCLATURE	FREQ.	MAN HOURS PER ITEM
44210	LIGHT ASSEMBLIES (WUC's 44211 - 44215)	40	.6
62171	RT/348/ARC-[illegible]	24	2.3
75500	EXTERNAL ARMAMENT SYSTEM	21	1.3
7143100	RT364/ARN52(V) Rcvr-Xmtr	20	1.8
44313	Utility Light	17	.7
77430	[illegible]/ARN52(V) TACAN SET	15	3.5
12[illegible]	MLG Wheel/Tire Assembly	14	1
51114	Gyro Horizon Indicator	14	.6
22700	T-76 ENGINE	11	23.9
6315100	RT650/ARC51 Rcvr-Xmtr	11	5.9

COMMENTS

JULY 1969
MONTH - YEAR

VAL-4
ORGANIZATION

OV-10A
TYPE A/C

SOURCE: MDR 8

TEN HI-MANHOUR CONSUMERS

WORK UNIT CODE	NOMENCLATURE	MAN HOURS	ITEMS PROCESSED
22700	T-76 ENGINE	344.5	20
32121	GOVERNOR Assy	94	6
2276300	FUEL CONTROL	73	5
62171	RT348/ARC54 Rcvr-Xmtr	72.5	32
6315100	RT650/ARC51 Rcvr-Xmtr	70	16
71430	AN/ARN52(V) TACAN SET	56.5	20
7143100	RT364/ARN52(V) Rcvr- Xmtr	52.5	34
32122	BETA VALVE	49.5	2
49111	CONTROL UNIT (Fire warning/detection)	45	1
75500	EXTERNAL AMBIENT SYSTEM	40.4	40

VAL-4 ORGANIZATION | OV-10A TYPE A/C | JULY 1969 MONTH - YEAR | SOURCE: MDR-5

ACTIVITY: VAL-4 BEYOND CAPABILITY OF MAINTENANCE (BCM) AND PERCENT RETURNED TO RFI STATUS

PERCENT RETURNED RFI STATUS (OVERALL ACTIVITY)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
% PRODUCTION EFFICIENT						95.4	95.2					
% RETURNED RFI						82.4	76.2					
	WORK CENTER										TOTAL	% OF TOTAL
ACTION TAKEN	410	550	610	620	700							
A NO REPAIR REQUIRED			18								18	17.1
B REPAIRED (NO WUC)			1								1	1
C REPAIRED (WUC)			48	3	10						61	58.1
SUB-TOTAL			67	3	10						80	76.2
1 REPAIR NOT AUTHORIZED		3		15	2						20	19
2 LACK EQUIP TOOLS FACIL												
3 LACK TECH SKILLS												
4 LACK OF PARTS			1	4							5	4.8
5 SHOP BACKLOG												
6 LACH OF TECH DATA												
7 EXCESS TO ACTIVITY												
8 BUDGETARY LIMITATION												
9 CONDEMNED												
SUB-TOTAL		3	1	19	2						25	23.8
TOTAL ACTIONS	Ø	3	68	22	12						105	

JULY 1969
MONTH - YEAR

SOURCE: MDR 8-3

BEYOND CAPABILITY OF MAINTENANCE DATA (BCM 2, 3, 6)

BCM CODE	WORK UNIT CODE	NOMENCLATURE	MFG CODE	PART NUMBER	ITEMS PROCESSED		NARRATIVE INFORMATION
					CUR MONTH	Past 5 MONTHS	
NO BCM CODES 2, 3, or 6 RECORDED THIS REPORTING PERIOD							

VAL-4
ORGANIZATION

JULY 1969
MONTH - YEAR

SOURCE: NDR 8-4;
LOCAL RECORDS

INTERMEDIATE JET ENGINE FOD REPORT

ENGINE T/M/S	ENGINE SERIAL #	ORG RECD FROM	MAL CODE	NFI/ RUR CODE		UR SERIAL # INT.	UR SERIAL # ORG.	REMARKS

(NO ENGINES INDUCTED DUE TO FOD THIS REPORTING PERIOD)

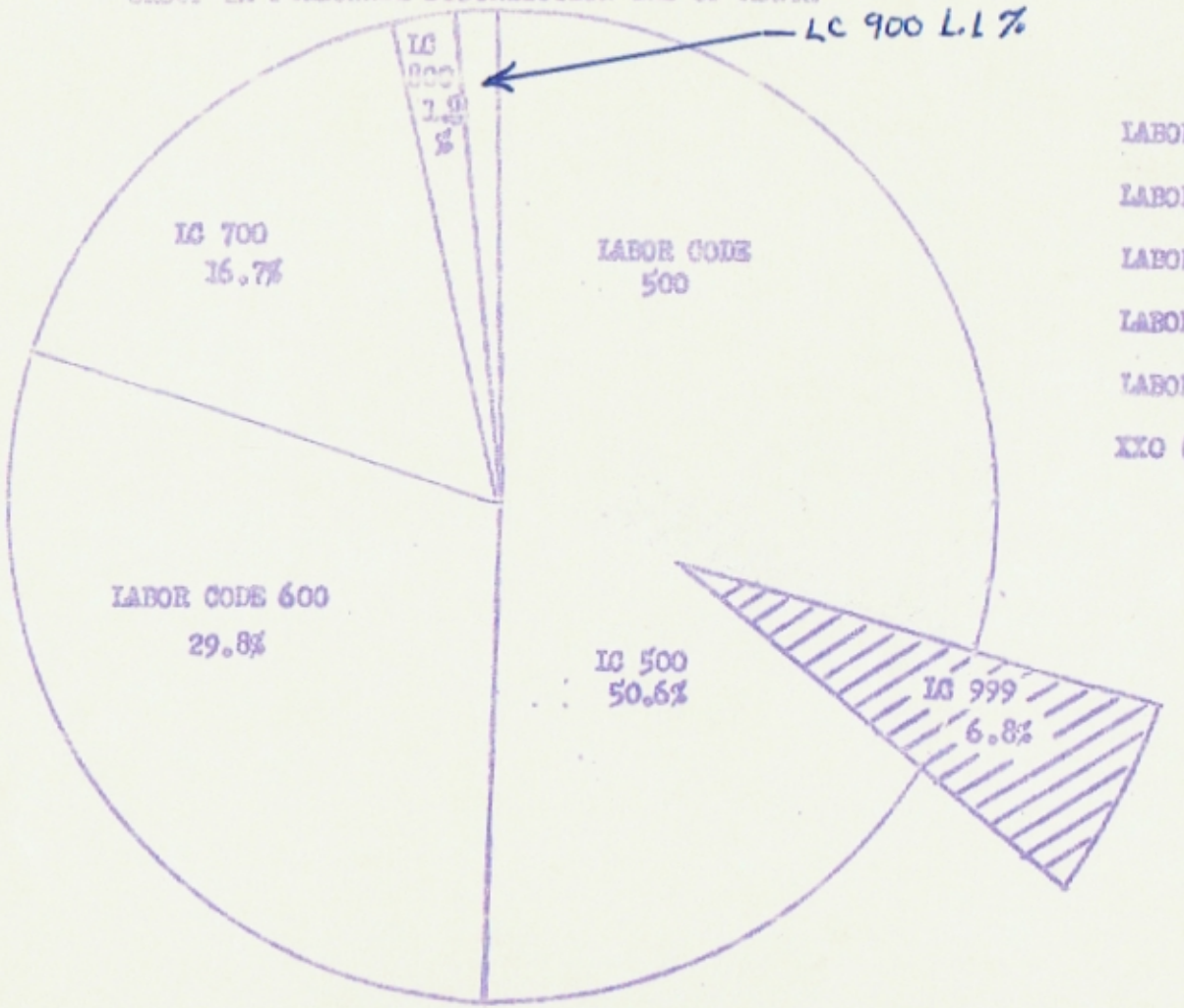
NOTE: BEGINNING 1 AUG 69 POWER PLANTS INTERMEDIATE MAINTENANCE WILL DONE BY WASH RIER THOR

VAL-4
ORGANIZATION

JUNE 1969
MONTH - YEAR

SOURCE: FOR-10
LOCAL RECORDS

GROUP IX PERSONNEL DISTRIBUTION END OF MONTH



LABOR CODE 500	1445.9 HOURS
LABOR CODE 600	852.1 HOURS
LABOR CODE 700	473.5 HOURS
LABOR CODE 800	508.5 HOURS
LABOR CODE 900	312 HOURS
XXO (LC 999)	193.6 HOURS

TOTAL AVAILABLE MANHOURS
2836.0

VAL-4
ORGANIZATION

JULY 1969
MONTH - YEAR

SOURCE: MHA-4

MANHOUR DISTRIBUTION TABLE

LABOR CODE	DESCRIPTION	ORIGINAL ASSIGNED MANHOURS	%	OVERTIME MANHOURS	%	ADJUSTED MANHOURS	% OF TOTAL ASSETS
500	DIRECT LABOR	11938	69.9	5439.3	47.7	14405.9	50.6
610	MAINT. STAFF	1817	10.6	1062.5	9.3	2767.5	9.7
620	MAINT. ADMIN	496	3	473.5	4.2	1078.9	3.8
630	MAINT. MANAGEMENT	2816.7	16.5	857.2	7.5	3620.4	12.7
640	Vehicle/Equip Operation			33	.3	113.6	.4
650	Plant Maintenance			396.7	3.5	599.7	2.1
660	Maint. Tech Training			99.5	.9	322	1.1
	SUB-TOTAL	5129.7	30.1	2922.4	25.7	8488.1	29.8
710	Work Stoppage						
720	Delay			12	.2	76.5	.1
730	Standby			2883.9	25.3	4308.8	15.1
740	Awaiting Work			134.7	1.1	406.2	1.5
	SUB-TOTAL			3030.6	26.6	4797.5	16.7
810	Military Duty			875.8		490.5	1.7
830	Military Training			2.0		18	.1
	SUB-TOTAL			877.8		508.5	1.8
910	Leave/R&R/Special Lab.					248	.9
920	Compensatory Time						
930	Personal Affairs					32.5	.1
940	Medical					31.5	.1
950	UA/Confinement						
	SUB-TOTAL					312	1.1
	TOTALS	17067.7		11392.3		28460	TOTAL ASSETS

TOTAL MAN HOURS: 43459.6 % OF TOTAL ASSETS: 47.3 VARIANCE: 6.6

VAL-4 ORGANIZATION

JULY 1969 MONTH - YEAR

SOURCE: MLA-4, MOR-2

MANAGEMENT EVALUATION CHART

WORK CENTER		TOTAL ASSETS		UTILIZATION OF ASSETS (MHA)							DOCU-MENTED MDR THIS MONTH	SAF DOC.
CODE	TITLE	AVAILIBLE MANHOURS	OVER-TIME	DIRECT 500	OVER-TIME 500	SUPER-VISION 630	600 LESS 630	NON-PROD 700	DUTY ABS. 800	NON-DUTY 900		
010	Maint Staff	56.0					56.0					
020	Maint Cont	1536.5	688.5				1536.5					
021	Maint Cont"B"	543	191			323	217		3			
040	Qual. Assure.	737	341				737					
050	Material Cont	176					176					
051	Mat Cont "B"	176					171.5		4.5			
060	Data Analysis	351	175				331		8	12		
100	A/C Div	8				8						
101	A/C Div "B"	344	168			324	20					
110	Power Plants	1434.7	507.2	1039.6	356.7	140.5	100.1	128	17	9.5	916.7	339.4
111	Power Plts"B"	1012	460	513	185.5	80	55.5	299.5	64		543.1	323
120	Air Frames	2334.4	1190.4	1484.4	546.4	204	136	480	10	12	1445.6	1350
121	Airframes "B"	983	291	353.5	134.5	210	56	336.5	24	3	369.5	332.5
130	Av/Equip	698	206	387.1	125	236	74.9	16	4		376.6	360.5
131	Av/Equip "B"	416	64	113	28	176	108	11		8	114	109
140	Check Crew	863	189	635	155	174	2	48		4	704.5	265
210	Electronics	794.5	308	358.5	60	164	144	64	64		421.4	308.3
211	Electronics"B"	1480	572	453.3	143.8	196.5	172.2	559	48	52	464.6	420.7
220	Electric	1041	389	226.8	69.8	21	146.5	611.7	4.5	30.5	218.2	112.7
221	Electric "B"	1258.2	554.2	419	233	225.2	26	537	72		514.3	392.4
230	Ordanance	3781.5	2287.0	3039	1662.9	12	193.5	476	21	40	3056.5	3003.5
231	Ordanance "B"	1732	544	1556	544	176					1273.5	1259

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MANAGEMENT EVALUATION CHART (cont)

WORK CENTER		TOTAL ASSETS		UTILIZATION OF ASSETS (MHA)							DOCU-MENTED MHR THIS MONTH	SAP DOC
CODE	TITLE	AVAILIBLE MANHOURS	OVER-TIME	DIRECT 500	OVER-TIME 500	SUPER-VISION 630	600 LESS 630	NON-PROD 700	DUTY ASS. 800	NON-DUTY 900		
310	Line	1833.5	655.5	981.2	308.1	77.5	56	717.8	1		789.6	789.6
311	Line "B"	2048	1055	1429	658.5	369.5	12	403	28.5	6	1102.5	1102.5
430	Jet Shop	259.5	67	138.5	43	20	77			24	159.5	159.5
550	Tire/Weld shop	177.5		2.5		95				80	5.5	4
610	Comm/Nav shop	1731.5	370	1105.5	182	312	130	64	120		779.5	436.5
620	Electric	206.4	4.0	4	4	194.4			8		6	0
700	Ordanance	447.8	164.5	167	18.5	196.8	52			32	198.5	118
	TOTAL MANHOURS	28460.0		11405.9		3620.4	4881.7	4731.5	508.5	312.0	13459.6	11184.1
	% TOTAL MANHOURS			50.6%		12.7%	17.1%	16.7%	1.8%	1.1%		
	NET MANHOURS	17067.7		8966.6		2763.2	2816.5	3700.0	508.5	312		
	OVERTIME MANHOURS	11392.3		5439.3		857.2	2065.2	3030.6	TOTAL HOURS		TOTAL OVERTIME	

NAME OF ORGANIZATION | MONTH - YEAR

SOURCE: MHA-2, MHA-4, MDR-2

MAINTENANCE DOCUMENTATION BY WORK CENTER

WORK CENTER CODE	DIRECT 500	DOCUMENTED THIS MONTH	% DOCU-MENTED	OV-10A TE. AYHA	T-76 ENG TE. THEA THFA	MK 4 GUN POD TE. YGAK	AV/WEPS ORD HARD LINE YGAA	AVIATORS EQUIP YPAA	GROUND SUPPORT EQUIP	NON-AERO EQUIP	OTHER
110	1039.6	916.7	88.2	874.2	28		9			10	1.5
111	513	543.1	105.9	476.1	67						
120	1484.4	1445.6	97.4	1263.6			126			56	
121	353.5	369.5	104.5	368.5						1	
130	387.1	376.6	97.3	143.1				135.9		97.6	
131	113	114	100.9	51					7	56	
140	635	704.5	110.9	704.5							
210	358.5	421.4	117.5	421.4							
211	453.3	464.6	102.5	329.1						135.5	
220	226.8	218.2	96.2	214.5						3.7	
221	419	524.3	122.7	514.3							
230	3039	3056.5	100.6	822		274	1960.5				
231	1556	1273.5	81.8	591.5			682				
310	981.2	789.6	80.5	774.6			4			11	
311	1429	1302.5	77.2	1082.5			20				
410	138.5	159.5	115.2	8.0	151.5						
550	2.5	5.5	220	5.5							
610	1105.5	779.5	70.5	728.5							51
620	4	6	150	6							
700	167	198.5	118.9	7.5		154	37				
TOTAL M/H'S	14405.9	13459.6		9386.4	246.5	428	2832.5	135.9	7	370.8	52.5
% TOTAL 500 M/H		93.4%		65.2%	1.7%	2.9%	19.7%	.9%	-	2.6%	.4%

VAL-4 DOCUMENTATION

JULY 1969 MONTH-YEAR

SOURCE: MHA-2, MDN-2

DIRECT MAINTENANCE MANHOURS PER FLIGHT HOUR BY BUREAU NUMBER

BUREAU NUMBER	ACFT TIME	MANHOURS BY TYPE MAINTENANCE							TOTAL MAN-HOURS	ACFT FLT HOURS	MMH PER FLT HOUR	CORROSION TREATMENT	CALENDAR INSP LOOK PHASE
		UNSKED MAINT.	CAL INSP	COND INSP	ACFT INSP	PRO RAT'D SUPPORT	TDC	INA M/H					
155495	341.6	258.9				473.4	2	7	741.3	60.7	12.2		
155461	400	49.2	279.5			332.2	4.1	28.5	693.5	42.6	16.3		98.5
155496	259.3	42.7	17.5				1.6	13	74.8				
155463	543.5	47				800.1	7.6	3	857.7	102.6	8.4		
155497	344.7	44.8	90.5			804	2.3	13	954.6	103.1	9.3		84.5
155471	465.7	58.9				531.8	19.8	34	644.5	68.2	9.5		
155472	473.9	14.3	115.5			605.1	18.8	23.5	777.2	77.6	10		111.5
155475	347	170.8				315.8	20.1	15	521.7	40.5	12.9		
155490	292.6	15.2				226.1	1.8	6	251.1	29	8.7		
155491	353.9	25.7				608.3	1.3	18	653.3	78	8.4		
155493	356.4	64.3				878.1	18.2	77	1057.6	232.6	9.4		
155494	163.4	135.8				627	17.3	40	820.1	80.4	10.2		
155503	299	30.5	170.5			532.6	1.3	5	739.9	68.3	10.8		108
155474	454.4	25.8				553.7	1.6	18	599.1	73	8.4		
TOTALS	X	1003.9	673.5	ø	ø	7288.2	117.8	303	9386.4	934.6	10.ø	ø	402.5

BUNO 155496 IN CHECK ENTIRE MONTH DUE TO MORS FOR WUC 22700

TOTAL SORTIES: 485

VAL-4 ORGANIZATION | OV-10A TYPE A/C | JULY 1969 MONTH - YEAR

SORTIES PER A/C: 35.7

SOURCE: MDR 4-2, MDR-5, MDR-7
ASD RECORDS

GROUP IX AIRCRAFT MAINTENANCE PERSONNEL ON BOARD NOT ASSIGNED TO MAINTENANCE

FUNCTION	E-2	E-3	E-4	E-5	E-6	E-7	E-8	TOTAL
LCPO						1-AD		1
1st LT. Division		5-AN						5
Operations		1-AN						1
TOTAL		6				1		7

GROUP IX PERSONNEL TAD TO AMD, IMA, SUPPLY, MESS COOK, STATION, ETC.

FUNCTION	E-2	E-3	E-4	E-5	E-6	E-7	E-8	TOTAL
FASU (Supply)		1-AN	1-AK					2
Marble Mt. ENG B.U.					2-ADJ			2
TOTAL		1	1		2			4

VAL-4
ORGANIZATION

JUIN 1969
TENTH - YEAR

SOURCE: MMA-00

MAINTENANCE PERSONNEL DISTRIBUTION BY WORK CENTER

PART ONE

WORK CENTER CODE	RATING	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	TOTAL
010	AE					1				(1)
020	AD							1		1
	ADJ					1	1			2
	AE					1				1
	AMH						1			1
	AZ			1	1					2
	AN		1							1
										(6)
040	ADJ					1				1
	AMS					1				1
	AO					1				1
	AT					1				1
										(4)
050	AK				1					1
	AN		1							1
										(2)
060	AZ/6313				1					(1)
100	ADJ						1			1
	AMH					1				1
										(2)
110	ADJ			3	6	2				(11)
120	AMH		1		1					2
	AMS			4	4	1				9
										(79)

CONTINUED NEXT PAGE

MAINTENANCE PERSONNEL DISTRIBUTION BY WORK CENTER (cont)

PART ONE (cont)

WORK CENTER CODE	RATING	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	TOTAL
130	AME			1	2					3
	PR			1	1	1				3
										(6)
140	AMH			2		1				(3)
210	ATN			4	2					6
	ATR				1					1
										(7)
220	AE			1	6	1				(8)
230	AO		2	11	2	3				(28)
310	ABH			1		1				2
	ADJ		4	9						13
										(25)
550	AMS					1				(1)
600	AT						1			(1)
610	ATN			3	2					5
	AT					1				1 (6)
620	AE					1				(2)
700	AO						1			(1)
TOTALS		0	9	42	30	21	5	1	0	107

PART TWO

RATING	TOTAL ASSIGNED
ABH	2
AD	1
ADJ	28
AE	11
AK	1
AME	4
AMH	7
AMS	10
AO	20
AT	3
ATN	11
ATR	1
AZ	2
AZ/6313	1
PR	3
AN	2
GRAND TOTAL	107

VAL-4
ORGANIZATION

JULY 1969
MONTH-YEAR

SOURCE: MIA-00

VAL 4



3M SUMMARY

SEP 69

ORGANIZATIONAL/INTERMEDIATE MAINTENANCE MONTHLY 3-M SUMMARY
COMNAVAIRPAC-GEN-4700/16 (7-67) 0190-141-6000

FROM	TO	FOR (Month and Year)
Light Attack Squadron FOUR (VA-4)	COMNAVAIRPAC (Code 711)	September 1969

NARRATIVE ANALYSIS (ENTER ANY COMMENTS WHICH ARE DEEMED PERTINENT. INCLUDE ACTION TAKEN ON ATTENTION ITEMS/ASSISTANCE ITEMS FOR HIGHER AUTHORITY)

The September summary shows an increased cannibalization rate. This increase is due primarily to the cannibalization of avionics components for which there are few spares in the totable pool. This had the expected result of decreased NORS hours. NORM hours have also dropped significantly and DMMH per flight hour has continued its downward trend.
With the exception of ASD, August data is not available for this summary due to its late processing and return by ADP Cam Rank Bay.

Documentation of ETS personnel assigned to VAL-4:

Original assigned manhours LC 639------ 368

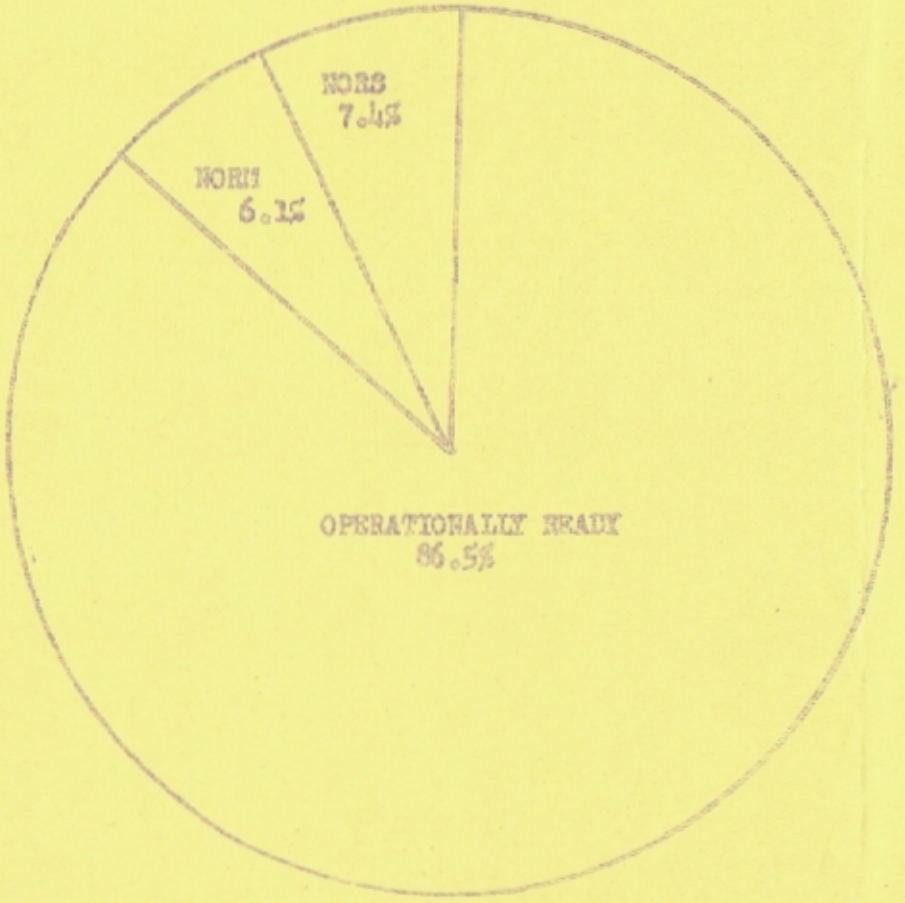
Overtime manhours labor code 639 ------ 219

Manhours expended by labor code:

Labor Code	Manhours
639	404
666	367
667	132
668	0
669	0

PREPARED	SUBMITTED	AUTHENTICATED
ANALYST S.C. SHEARY AZ2	MAINTENANCE OFFICER W.D. BARTLETT LCDR USN	COMMANDING OFFICER M.S. SCHUSSLER CDR USN DATE

AIRCRAFT READINESS CHART



1. HRS OP READY 6096.6
(HRS OP READY = POSSESSED HRS LESS NOR HRS)

2. HRS NORS 669.7

3. HRS NORM 573.7

4. HRS NRE 2048.4

5. TOTAL POSSESSED HRS 7288
(1+2+3=5)

6. AWM HRS NORM 26.0

7. AWM HRS RMC 0

CONTENTS:

Scheduled maintenance remains low while there was a sharp decrease of unscheduled maintenance hrs this period. This reduction of NORM hours correlates with the nearly negative Awaiting Maint. hrs. This is primarily due to the recently assigned night check maintenance crew.

VAL-4
ORGANIZATION

SEPTEMBER 1969
MONTH/YEAR

OV-10A
TYPE AIRCRAFT

AIRCRAFT READINESS TREND

	MONTHS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1.	HRS IN READY REP STAT	7752.	8784.	Ø	7Ø12.	1Ø416	1Ø[illegible]Ø	1Ø128	9672.	9360		
2.	OP READY HOURS	6387.8	7Ø[illegible].8	Ø	5723.2	8623.6	[illegible]	7667.2	8Ø63.4	8Ø96.6		
	% OP READY	82.4	79.8	Ø	81.2	82.8	79.9	75.7	83.4	86.5		
3.	NOR SCHED MAINT HOURS	72Ø	35.5	Ø	571	273.5	51Ø.8	638.4	292.6	276.9		
	% NOR SCHED MAINT	9.3	Ø.4	Ø	Ø.4	2.6	5	6.3	3.Ø	3.0		
4.	NOR UNSCHED MAINT HRS	562.2	438.1	Ø	449.8	594.4	756.6	757.1	562.9	296.8		
	% NOR UNSCHED MAINT	7.2	5	Ø	6.2	5.5	7.6	7.5	5.8	3.1		
5.	NOR SUPPLY HOURS	82	13Ø1.6	Ø	288	94Ø.5	751	1Ø65.4	753.1	689.7		
	% NOR SUPPLY	1.1	14.8	Ø	4.2	9.1.	7.5.	1Ø.5	7.8	7.4		
6.	NORM (AWM) MAINT HRS	632	2Ø2.4	Ø	493.3	354.4	571.4	545.5	257.9	26.Ø		
	% NORM AWAITING HRS	49	43	Ø	46	43.2	45	39.1	3Ø.1	4.5		
7.	RMC SCHED MAINT HOURS	Ø	Ø	Ø	Ø	Ø	1.5	11	1.5	1.Ø		
	% RMC SCHED MAINT	Ø	Ø	Ø	Ø	Ø	Ø	Ø.1	Ø	0		
8.	RMC UNSCHED MAINT HRS	Ø	Ø	Ø	Ø	Ø	13.8	84.7	297.7	187.7		
	% RMC UNSCHED MAINT	Ø	Ø	Ø	Ø	Ø	.1	.8	3.1	2.0		
9.	RMC NFE HOURS	Ø	Ø	Ø	Ø	1339	2382	1570.4	2322	1859.7		
	% NOT FULLY EQUIP	Ø	Ø	Ø	Ø	12.9	23.6	15.5	24.Ø	19.9		
1Ø.	RMCM AWAITING MAINT HRS	Ø	Ø	Ø	Ø	Ø	Ø	Ø	11.5	0		
	% RMCM AWAITING MAINT	Ø	Ø	Ø	Ø	Ø	Ø	Ø	.1	0		

NOTE: (1) The NORM Awaiting Maint Hours and the RMCM Awaiting Maint Hours are included in the NOR Maint. and the RMC Maint. hours.
(2) The sum of lines 2 through 5 will equal 1CO%.

SOURCE: LOCAL RECORDS (ESD 5442-20)

VAL-4
ORGANIZATION

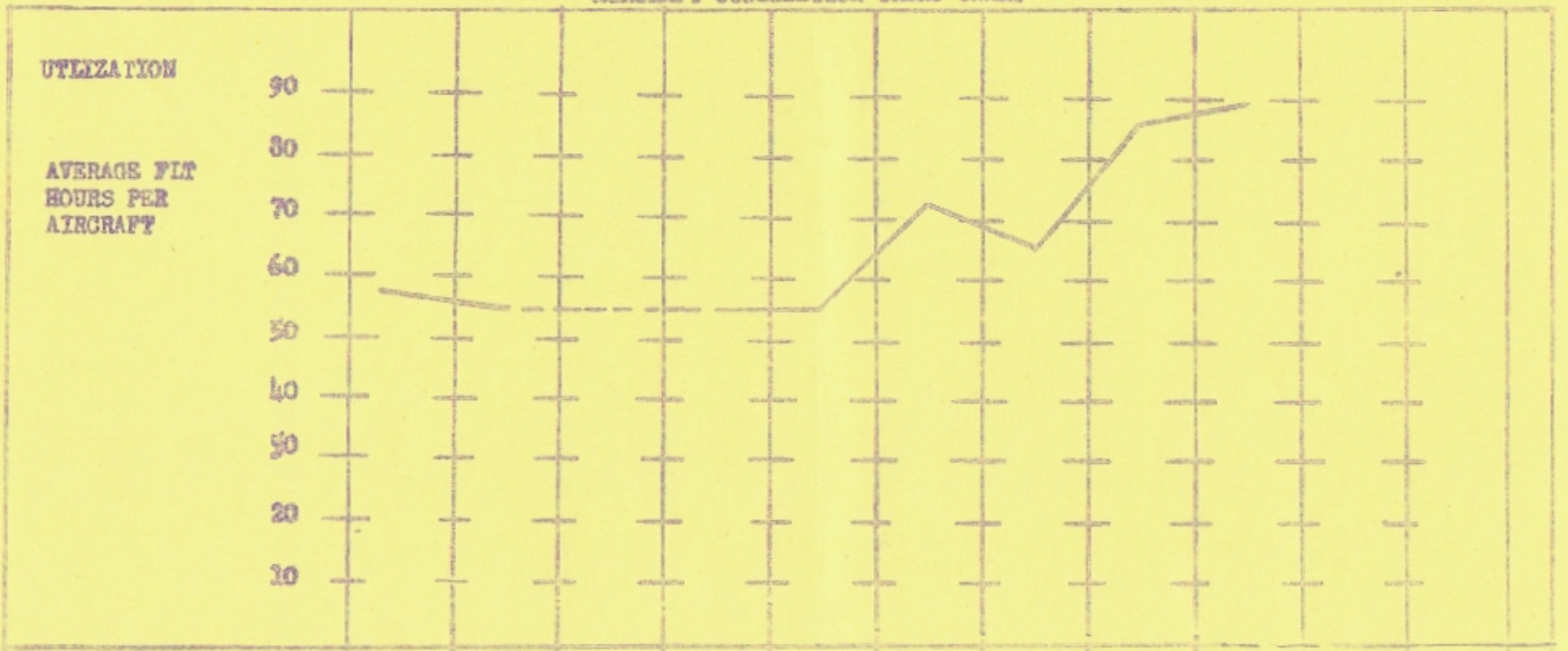
OV-1OA
TYPE A/C

DISTRIBUTION OF HOURS "FH" READY REPORTING STATUS BY BUREAU NUMBER

BUREAU NUMBER	HOURS IN READY REPORTING STATUS	NORM HOURS			NORS HOURS	NMC HOURS				OP READY HOURS	NUMBER OF FLIGHTS
		SKED	UNSKED	AWM		SKED	UNSKED	MTE	AWM		
155495	720	5.0	15.0	0	32.5		19.7	33.3		662.5	40
155461	720	6.8	33.0	0	0		16.2	67.9		680.2	55
155496	720	60.5	40.5	85.0	586.6		0	0		30.4	3
155463	720	63.0	8.0	7.0	0		7.0	178.3		649.0	54
155497	720	0	6.3	0	0	1.0	36.0	325.8		713.7	72
155471	720	58.3	42.1	4.0	0		26.9	53.5		619.6	48
155472	720	.8	44.0	0	0		31.1	18.4		675.2	52
155475	720	0	5.6	0	1.0		11.0	108.0		713.2	45
155491	720	0	8.0	0	0		7.5	122.5		712.0	54
155493	720	1.5	39.4	0	0		8.7	1.0		670.1	49
155494	720	0	31.8	0	67.6		2.5	532.4		620.6	57
155503	720	6.0	18.4	0	0		20.6	39.5		695.6	53
155474	720	75.0	4.5	0	0		10.5	372.1		640.5	63
TOTAL	9360	276.9	295.8	26.0	689.7	1.0	187.7	1859.7	0	8096.6	674
PERCENT		3.0	3.1	4.5	7.4	0	2.0	19.9	0	86.5	

VAL-4 ORGANIZATION | SEPTEMBER 1969 MONTH/YEAR | OV-10A TYPE AIRCRAFT | SOURCE: LOCAL ASO RECORDS (5442-3)

AIRCRAFT UTILIZATION TREND CHART



MONTHS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
AIRCRAFT UTILIZATION	57.1	55	0	57.9	57.2	72.2	68.7	85	90
TOTAL FLIGHT HOURS	656.6	637.4	0	660.1	800.9	1010.5	934.6	1104.7	1170.5
TOTAL SORTIES	330	514	0	395	450	529	485m	656	674
AVERAGE NO OF A/C	11.5	11.6	0	11.4	14	14	13.6	13	13

SOURCE: LOCAL RECORDS (EAM) CARD TYPE 79

VAL-4
ORGANIZATION

OV-10A
TYPE A/C

AWAITING MAINTENANCE HOURS BY REASON CODE

MATERIAL CONDITION	BUREAU NUMBER	AWAITING MAINTENANCE REASON CODES							
		1	2	3	4	5	6	7	8
NORS	155171				4.Ø				
	155196				15.Ø				
	155163				7.Ø				
	TOTAL				26.Ø				
GRAND TOTAL					26.Ø				

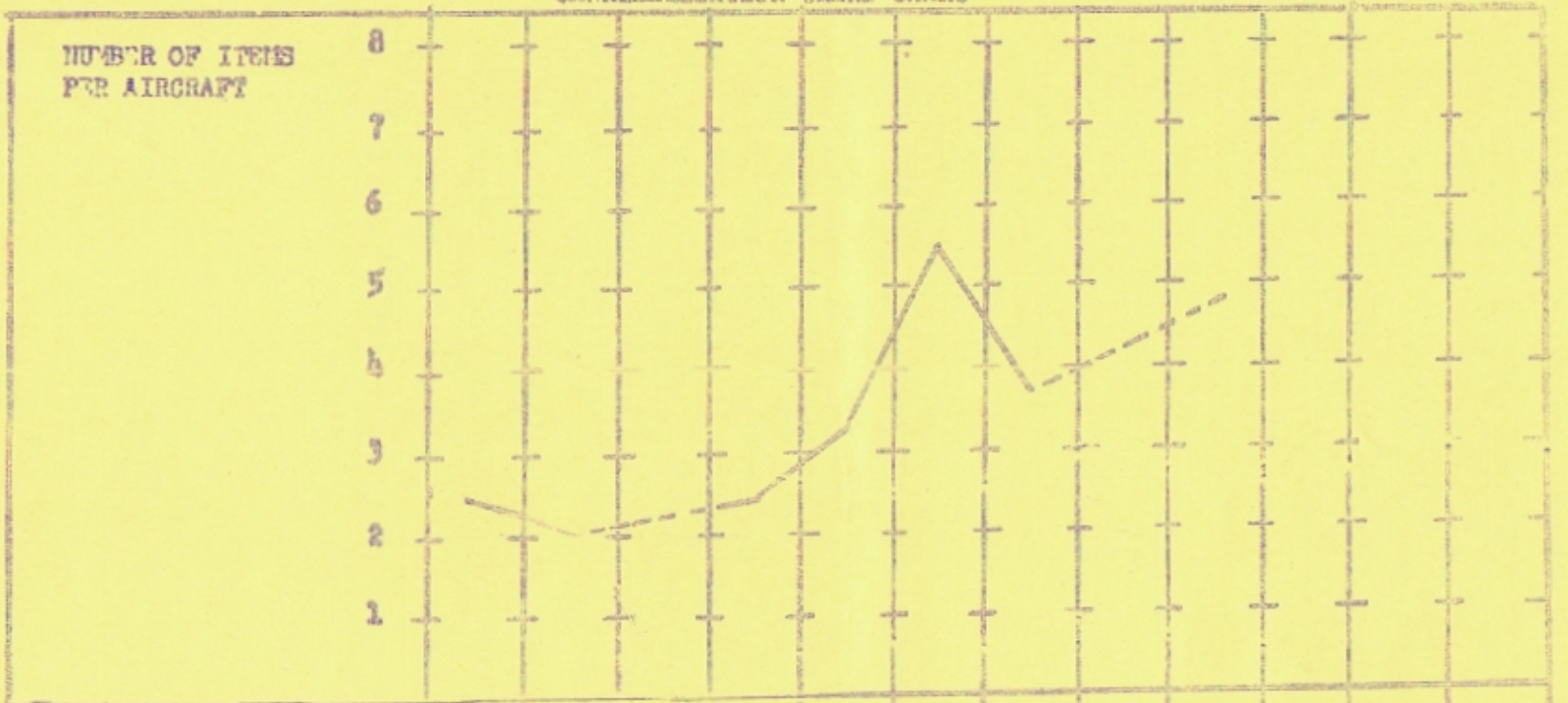
VAL-4 / ORGANIZATION

SEPTEMBER 1969 / MONTH/YEAR

TYPE AIRCRAFT / OV-10A

SOURCE: ASO AND RECORDS

CANNIBALIZATION TREND CHART



PREVIOUS MONTHS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
TOTAL ITEMS	36	26	0	28	52	77	52	*	62			
TOTAL MAN-HOURS	179.7	59.4	0	54.2	135.6	228.7	84.8	*	126.1			
ITEMS PER AIRCRAFT	2.6	2.2	0	2.5	3.7	5.5	3.8	*	4.8			
MAN-HOURS PER ITEM	6.0	2.3	0	1.9	2.6	3	1.6	*	2.0			

VAL-4 ORGANIZATION

UV-1GA TYPE AIRCRAFT

* AUGUST MONTHLY REPORTS NEVER RECIEVED FROM DATA PROCESSING, CAM RANH BAY.

SOURCE: MDR 6

CORROSION TREATMENT/PREVENTION REPORT

SAF SUPPORT CODE	MAF WORK UNIT CODE	NOMENCLATURE	TYPE EQUIP.	ITEMS PROCESSED	MAN HRS.
040		OV-10A AIRCRAFT	OV-10A	247	446.5
	32112	HUB ASSY.(UM 104)	OV-10A	1	.5
	96119	MOC OF 96000 PERSONNEL EQUIP.(UM-105)	OV-10A	2	1.0
	12119	MOC OF 12100 SEATING (UM-104)	OV-10A	1	.5
			GRAND TOTAL	250	448.0

VAL-4 — ORGANIZATION

OV-10A — TYPE A/C

SEPT. 1969 — MONTH YEAR

SOURCE MDR-5

TEN HI-MALFUNCTION ITEMS
CONNAVAIRPAC-GEN-4700/23 (7-67) 0190-142-3009

WORK UNIT CODE	NOMENCLATURE	FREQ.	MAN HOURS PER ITEM
71431OO	RT 361/ARN 52 (V) rcvr-xmtr	55	3.9
75121	M60 MACHINE GUN	43	.3
75800	MARK 4 GUN POD (installation)	41	1.0
75500	EXTERNAL ARMAMENT SYSTEM	36	.5
75851	SUU-11 A/A (POD ASSEMBLY)	29	1.0
62171	RT 348/ARC 54 rcvr-xmtr	24	4.0
13511	MLG WHEEL /TIRE ASSEMBLY	17	.9
44113	UTILITY LIGHT	16	.5
44212	TAIL LIGHT	13	.4
29511	EXHAUST PIPE	11	1.5

COMMENTS

SEPT 1969
MONTH - YEAR

VAL-4
ORGANIZATION

OV-10A
TMS A/C

TEN HI-MANHOUR CONSUMERS

WORK UNIT CODE	NOMENCLATURE	MAN-HOURS	ITEMS PROCESSED
7243100	RT 364/ARN 52 (V) rcvr-xmtr	250	80
62171	RT 348/ARC 54 rcvr-xmtr	204.5	31
6315800	RT 780/ARC 51-AX Radio-Receiver	60.5	6
6118800	RT 698/ARC 102 Rcvr-Xmtr	45.0,	4
75800	MARK 4 GUN POD	44.0	43
1321100	Shock Strut Assembly	40.0	6
14200	Lateral Control System	36.0	2
61180	AN/ARC94/102/119/120 RADIO SET	34.0	4
42111	STARTER GENERATOR	33.5	6
13231	NLG UPLOCK SWITCH	32.7	5

SOURCE: MDR-5

VAL-4 ORGANIZATION | OV-10A TYPE A/C | SEPT 1969 MONTH YEAR

ACTIVITY: VAL-4 BEYOND CAPABILITY OF MAINTENANCE (BCM) AND PER CENT RETURNED TO RFI

PERCENT RETURNED RFI STATUS (OVERALL ACTIVITY)												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
% PRODUCTION EFFICIENT						95.4	95.2	*	100			
% RETURNED RFI						82.4	76.2	*	78.8			

ACTION TAKEN	WORK CENTER										TOTAL	% OF TOTAL
	550	610	620	700								
A NO REPAIR REQUIRED		17	1								18	18.2
B REPAIRED (NO MUC)		1									1	1.1
C REPAIRED (MUC)	4	54	1								59	59.5
SUB TOTAL	4	72	2								78	78.8
1 REPAIR NOT AUTHORIZED			17	4							21	21.2
2 LACK EQUIP TOOLS FACIL												
3 LACK TECH SKILLS												
4 LACK OF PARTS												
5 SHOP BACKLOG												
6 LACK OF TECH DATA												
7 EXCESS TO ACTIVITY												
8 BUDGETARY LIMITATION												
9 CONDEMNED												
SUB TOTAL			17	4							21	21.2
TOTAL ACTIONS	4	72	19	4							99	X

SEPTEMBER 1969
MONTH/YEAR

*AUGUST MONTHLY DATA NOT RECEIVED FROM DATA PROCESSING CAM RANH BAY.

SOURCE: NDR 8-3

BEYOND CAPABILITY OF MAINTENANCE DATA (BCM 2,3,6)

BCM CODE	WORK UNIT CODE	NOMENCLATURE	MFGR CODE	PART NO.	ITEMS PROCESSED		DESCRIPTIVE INFORMATION
					CUR MONTH	PAST 6 MTHS	
NO BCM CODES 2, 3, OR 6 RECORDED THIS REPORTING PERIOD							

VAL-4
ORGANIZATION

SEPTEMBER 1969
MONTH/YEAR

SOURCE: MDR 8-4
LOCAL RECORDS

ORGANIZATIONAL JET ENGINE FOD REPORT

ENGINE T/M/S	A/C T/H/S	ENGINE SERIAL #	MAL CODE	UR SERIAL NUMBER	LOCATION OF FOD OCCURANCE	REMARKS
NA	NA	NA	NA	NA	NA	NA
NO FOD OCCURANCES RECORDED THIS REPORTING PERIOD						

VAL-4
ORGANIZATION

SEPT. 1969
TENTH YEAR

SOURCE: NDR-5
LOCAL RECORDS

MANHOUR DISTRIBUTION TABLE

LABOR code	DESCRIPTION	ASSIGNED MANHOURS	PERCENT ASSIGNED	OVERTIME MANHOURS	PERCENT OVERTIME	AVAILABLE MANHOURS	PERCENT AVAILABLE
500	DIRECT LABOR	13304.5	70.5	5155.7	46.5	14866.6	49.6
610	MAINT. STAFF	2188	11.6	847.5	7.6	2948.6	9.8
620	MAINT. ADMIN	528	2.8	600.5	5.4	1099.5	3.7
630	MAINT. MANAGEMENT	2857	15.1	781.5	6.7	3737.5	12.5
640	VEHICAR/EQUIP OPERATION			42	.4	194.3	.6
650	PLANT MAINT.			187	1.7	546.5	1.8
660	MAINT TECH TRAINING			134.4	1.2	555.4	1.9
	SUB TOTAL	5573	29.5	2552.9	23	9081.8	30.3
710	WORK STOPPAGE						
720	DELAY						
730	STANDBY			3225.6	29.1	4342.1	14.4
740	AWAITING WORK			166.0	1.4	264	.9
	SUB TOTAL			3391.6	30.5	4606.1	15.3
810	MILITARY DUTY			464.5		739.7	2.5
818	FLYING						
830	MILITARY TRAINING			30		29	.1
	SUB TOTAL			494.5		768.7	2.6
910	LEAVE/R&R					497	1.7
920	COMPENSATORY TIME						
930	PERSONAL AFFAIRS					62.5	.2
940	MEDICAL					95	.3
950	UA/CONFINEMENT						
	SUB TOTAL					654.5	2.2
	GRAND TOTAL	16877.5	100%	11100.2	100%	29977.7	100%

TOTAL DR HOURS 13916.6

SOURCE: MHA-4, MDR-2

VAL-4 / ORGANIZATION

SEPT 1969 / MONTH YEAR

MAINTENANCE DOCUMENTATION BY WORKCENTER

WORK CENTER CODE	DIRECT 500	DOCUMENTED THIS MONTH	% PERCENT %	OV-10A AYHA	MARK 4 GUN POD	AV/WEPS EQUIP YCAA	GROUND SUPPORT EQUIP	AVIATORS EQUIP	NON-AERO EQUIP	OTHER
110	351.5	343.2	97.6	323.2		20				
111	125	320.5	256.4	283		14.5				23
120	1001.5	1295	129.3	1093		63			28	111
121	353	325.3	92.2	311.3		12				2
130	503.5	410.5	81.5	145				152.2	123.3	
131	192	144	75	8					136	
140	633.5	635.7	100.3	635.7						
211	719	641.5	89.2	512		26			73.5	30
220	244.5	170.1	69.5	83.6					72.5	14
221	452.3	194.5	43.0	187						7.5
230	3205	3202.9	96.8	635.9	401	1945				121
231	1750	1582	90.4	681	4	895				2
310	1532.2	1589	103.7	941		380			12	256
311	1412	1124	79.6	817.2		232.3				74.5
320	1022.2	757.2	74.1	619.7	3	108				26.5
331	46.5	53	114				41		2	10
550	7	13	185.7	13						
610	1283	1189.5	92.7	1001.5		178.5				9.5
620	14.9	6.5	43.6	6.5						
700	18	19.2	106.7	.3	18	.9				
TOTAL M/H's	14366.6	13916.6		8297.9	426.0	3875.2	41.0	152.2	437.3	687.0
% TOT 500 MH		93.6		55.8	2.9	26.1	.3	1.0	2.9	4.6

VAL-4 ORGANIZATION

SEPT 1969 MONTH YEAR

SOURCE: MHA-2, MDA-2

DIRECT MAINTENANCE MANHOURS PER FLIGHT HOUR BY BUREAU NUMBER

BUREAU NUMBER	ACFT TIME	MANHOURS BY TYPE MAINTENANCE								MOT MAN-HRS	ACFT FLT HRS	DMMH PER F/H	CORR. TREAT
		UNSKED MAINT.	CAL INSPECTION		ACPT INSP	COND INSP	TDC	PRO RATED SUPPORT	IMA M/HRS				
			LOOK	FIX									
155495	547.3	69.4						592	11.3	672.7	112.3	6.0	
155461	620.6	117.3						561	94.7	773	106.4	7.3	
155496	265.8	77.2	57.5	9.0			2.0	34.3	2.0	182	6.5	28.0	
155463	743.1	32.5	37.2	60.3				493	67.5	690.5	93.5	7.4	.5
155497	550.8	54.5						620.4	84.0	758.9	117.7	6.4	
155471	659.8	101.6	133.5	9.0				461.7	44.5	750.3	87.6	8.7	1.0
155472	615.4	172.8					2.0	438.1	73.5	686.4	83.1	8.2	.5
155475	500.7	36.0	119.5	24.0			2.0	377	21.0	579.5	71.5	8.1	
155491	532.2	19.0						494	15.0	528	93.7	5.6	
155493	550.8	91.8						480.7	102.0	674.5	91.2	7.4	
155494	391.8	91.1						620	22.0	733.1	117.6	6.2	
155503	472.8	56.3					2.0	494.4	12.5	565.2	93.8	6.0	
255474	636.9	33.0	96.5	17.8		.5	2.0	504	50.0	703.8	95.6	7.4	
TOTALS		952.5	444.2	120.1	ø	.5	10.0	6170.6	600	8297.9	1170.5	7.1	2.0

BUNO 155496 DOWN NOT OPERATIONAL READY SUPPLY GREATER PART OF MONTH.

TOT SORTIES	SORTIES P/A/C	
674	51.8	

VAL-4 (ORGANIZATION) OV-10A (TYPE AIRCRAFT) SEPTEMBER 1969 (MONTH/YEAR)

SOURCE: MDR 4-2, MDR -5, MDR-7
ASD RECORDS