

OV-1 MOHAWK

VIETNAM STATISTICAL REPORT

1962 THROUGH 1969

THE MOHAWK IN VIETNAM

INTRODUCTION

This report summarizes the operational utilization activities of the OV-1 Mohawk in Vietnam since its initial deployment in September 1962 through the period ending August 1969. The statistical data has been compiled from Field Service Reports and U.S. Army records.

Although the information presented herein is history, it establishes Mohawk operational precedents which should continue to prove true in future operations. It is intended that this data be used as a base for determining future utilization and requirements as might be applicable to other programs, as well as to generate additional studies and analysis of OV-1 operational data.

SCOPE

The report itself is contained in the attached enclosures. We will attempt here merely to clarify and define each individual document.

Enclosure I - Vietnam Operational Summary

This is an annual display of each individual model's performance since its arrival in Vietnam. The title and significance of each type of information is as follows:

Average Number of Aircraft Assigned - This represents the total number of aircraft in-country on a twelve month basis. For example, if only ten aircraft were in-country for six months of a twelve month period the annual average assigned would be five aircraft.

Hours Flown - The total number of hours flown in the reported period for all aircraft assigned.

Availability - The percentage of time the total amount of aircraft were flyable but not necessarily "mission ready." This information, in some cases, is incomplete due to the fact that these details were inconsistently recorded in the earlier part of the Vietnam program.

Combat Losses - The total number of aircraft strikes due to known or suspected enemy action.

Non-Combat Losses - Those aircraft which were totally destroyed by other than enemy action.

Enclosure II - Unit Operational Summary

This document represents what each Mohawk unit in Vietnam has accrued since deploying to Southeast Asia. Each page depicts a record of a particular model showing its achievements by unit and year. The information defined is the same as that for Enclosure I.

Enclosure III - RVN Operational Summary

This defines exactly what each model has achieved monthly since arriving in Vietnam. It is in itself an amplification of the information presented in Enclosure I and II.

CONCLUSIONS

From the information presented in the enclosures the following few summations are evident:

1. During the period from September 1962 through August 1969 a total of 199,222 flight hours were accumulated on all models of the OV-1 in Vietnam.

2. Combat losses for this period totaled thirty-six (36) aircraft or one (1) combat strike per 5600 flight hours. Overall combat losses per model is as follows:

JOV-1C	5 Strikes	-	1 Combat Strike per 1,694 Hours
OV-1A	15 Strikes	-	1 Combat Strike per 2,414 Hours
OV-1B	2 Strikes	-	1 Combat Strike per 40,011 Hours or - 40,011 1 Combat Strike per 10,002 Sorties
OV-1C	11 Strikes	-	1 Combat Strike per 6,773 Hours or 1 Combat Strike per 2,462 Sorties

3. Combat losses verify the fact that the OV-1B, due to its higher operational altitude and stand-off mission, is less vulnerable than the OV-1C; and the OV-1C due to its operational altitude is less vulnerable than the OV-1A.

4. It is also evident that the combat strikes per hour for the using units is as follows:

73rd Avn. Co.	9 Strikes	-	1 Combat Strike per 7,853 Hours
131st Avn. Co.	12 Strikes	-	1 Combat Strike per 3,450 Hours
1st Inf. Div.	0 Strikes	-	0 Combat Strike per 10,689 Hours

1st Cav. Div. 2 Strikes - 1 Combat Strike per 5,210 Hours

225th Avn. Co. 3 Strikes - 1 Combat Strike per 6,669 Hours

244th Avn. Co. 4 Strikes - 1 Combat Strike per 4,144 Hours

5. It is evident that the 131st Avn. Co. and the 73rd Avn. Co. have had the highest combat loss rate. However, this fact is mainly so because of the high loss rate of the JOV-1C and OV-1A; which neither the 1st Inf. Div. or 1st Cav. Div. ASTA Platoons possessed.

OV-1A

Unit Operation Summary

Unit Assigned	1962	1963	1964	1965	1966	1967	1968	1969	TOTAL
73rd Aviation Company	2 1.4 14 1 0	8 3.8 2,309 1 0	10 7.2 5,470 2 0	6 5.3 4,243 1 1	6 5.7 4,378 0 1	6 3.33 2,241 0 1	3 2.75 1,535 0 0	20,182 5 3	
131st Aviation Company				9 4.2 2,998 0 0	6 5.7 3,798 1 0	8 5.59 3,251 1 0	6 5.75 2,654 1 0	12,691 9 0	
1st Inf. Div. ; ASTA Platoon and 1st Cav. Division ASTA Platoon	None	Assigned							
205th SAC						1 1.50 329 0 0	2 1.85 530 0 0	2 1.73 628 1 0	1,517 1 0
244th SAC							2 1.17 555 0 0	2 1.87 445 0 0	1,000 0 0
245th SAC							3 2.62 591 0 0	3 2.62 591 0 0	833 0 0
TOTAL	2 1.4 14 1 0	8 3.8 2,309 1 0	10 7.2 5,470 2 0	15 9.5 7,241 7 1	13 11.6 8,487 1 1	20 11.9 6,819 1 1	16 14.2 5,883 2 0	36,332 15 3	

OV-1B

Unit Operation Summary

Unit Assigned	Data	1962	1963	1964	1965	1966	1967	1968	1969	TOTAL
73rd Aviation Company	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses				2.0 1,728 0 0	7.8 4,700 0 0	6.0 5,229 0 0	6.75 4,500 0 0	12.75 7,189 1 0	23,336 1 0
131st Aviation Company	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses				2 0.17 45 0 0	8 4.2 3,761 1 0	8 8 7,322 0 0	8 6.75 6,335 0 0	10 9.0 5,700 0 0	22,963 1 0
1st Inf. Division ASTA Platoon	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses				2 0.17 71 0 0	3 1.9 2,255 0 0	2 1.75 1,368 0 2	2 2.0 1,373 0 0	Merged with 73rd SAC	5,067 0 2
1st Cav. Division Platoon	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses				3 0.91 722 0 0	3 3.0 1,386 0 0	3 2.2 1,501 0 0	2 2.0 1,004 0 0	Merged with 73rd SAC	4,653 0 0
229th SAC	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses						3 3.0 1,188 0 0	6 3.17 2,584 0 0	4 4.0 2,079 0 0	59031 0 0
244th SAC	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses						6 5.2 1,119 0 0	7 6.25 4,561 0 0	6 5.5 3,065 0 0	6,945 0 0
245th SAC	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses						6 6.0 5,868 0 0	6 6.0 3,540 0 0	6 5.75 3,540 0 0	9,408 0 0
TOTAL	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses				9 3.2 2,556 0 0	21 13.9 12,102 0 0	28 21.4 17,527 0 2	35 30.6 46,445 0 0	38 35.1 21,573 1 0	80,023 2 2

OV-1C

UNIT OPERATION SUMMARY

Unit Assigned	Data	1962	1963	1964	1965	1966	1967	1968	1969	TOTAL
73rd Aviation Company	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses				4 3.4 2,393 1 0	4 3.3 3,153 0 0	4 3.1 2,739 0 1	11 7.5 7,576 1 0	20 17.3 11,333 1 1	27,164 3 2
131st Aviation Company	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses				3 0.17 86 0 0	5 2.4 1,280 2 0	3 1.35 873 0 1	5 3.5 1,359 0 1	5 5.0 2,278 0 0	5,576 2 2
1st Inf. Division ASTA Platoon	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses				2 0.17 75 0 0	2 2.0 1,639 0 0	2 2.0 1,645 0 0	4 3.83 2,263 0 0	Merged with 73rd SAC	5,622 0 0
1st Cav. Division ASTA Platoon	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses				3 0.91 577 0 0	3 3.0 2,094 0 0	3 1.92 1,407 0 0	4 3.34 1,689 2 0	Merged with 73rd SAC	5,767 2 0
225th SAC	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses						9 8.0 2,185 0 1	12 9.67 5,876 1 0	14 12.5 4,579 1 0	12,040 1 1
245th SAC	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses							11 8.84 4,096 4 0	10 9.5 2,240 0 0	6,136 4 0
244th SAC	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses						10 9.9 1,700 0 1	11 10.0 5,424 1 0	10 9.65 3,975 0 0	11,092 1 1
TOTAL	Total Aircraft Assigned Avg. Aircraft Assigned Hours Flown Combat Losses Non-Combat Losses				12 3.8 3,101 1 0	14 10.7 8,166 2 0	31 17.1 10,549 4 4	53 16.4 28,229 1 1	59 53.8 24,405 1 1	74,506 14 6

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RVM OPERATIONAL SUMMARY 1962

ENCLOSURE III
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MODEL		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL TOTALS
OV-1C	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes										6.0 229 Unk 0 0	5.3 419 Unk 0 2	5.0 373 Unk 0 0	5.4 1021 Unk 0 1
OV-1A	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes													
OV-1B	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes													
OV-1C	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes													
Total	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes										6.0 429 Unk 0 0	5.3 419 Unk 0 1	5.0 373 Unk 0 0	5.4 1021 Unk 0 1

RVN OPERATIONAL SUMMARY 1963

MODEL		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL TOTAL
JOV-1C	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes	4.3 490 Unk 1 0	6.0 421 Unk 0 0	6.3 713 Unk 1 0	6.0 554 Unk 0 0	6.0 693 Unk 0 0	7.0 609 Unk 0 0	7.0 477 Unk 0 0	6.8 572 Unk 1 0	5.2 401 Unk 1 0	5.0 453 Unk 0 0	5.0 327 Unk 0 0	5.0 317 Unk 0 0	5.8 6027 Unk 4 0
OV-1A	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes												1.4 14 Unk 1 0	1.4 24 Unk 1 0
OV-1B	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes													
OV-1C	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes													
Total	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes	4.3 490 Unk 1 0	6.0 421 Unk 0 0	6.3 713 Unk 1 0	6.0 553 Unk 0 0	6.0 693 Unk 0 0	7.0 609 Unk 0 0	7.0 477 Unk 0 0	6.8 572 Unk 1 0	5.2 401 Unk 1 0	5.0 453 Unk 0 0	5.0 327 Unk 0 0	6.4 331 Unk 1 0	7.2 6041 Unk 5 0

RVN OPERATIONAL SUMMARY 1964

ANNUAL TOTALS

MODEL		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	TOTALS
OV-1C	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes	4.3 194 Unk 1 0	4.0 273 Unk 0 0	4.0 255 Unk 0 0	4.0 129 Unk 0 0	4.0 18 Unk 0 0	4.0 92 Unk 0 0	3.0 34 Unk 0 0	3.0 24 Unk 0 0	3.0 116 Unk 0 0	1.0 0 Unk 0 0	1.0 18 Unk 0 0	1.0 89 Unk 0 0	3.0 1242 Unk 1 0
OV-1A	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes	2.0 68 Unk 0 0	2.0 55 Unk 0 0	2.0 94 Unk 0 0	2.0 92 Unk 0 0	2.0 25 Unk 0 0	2.0 98 Unk 0 0	5.0 326 Unk 0 0	5.0 210 Unk 0 0	4.9 351 Unk 0 0	6.2 241 Unk 1 0	6.0 285 Unk 0 0	6.0 464 Unk 0 0	3.8 2309 Unk 1 0
OV-1B	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes													
OV-1C	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes													
Total	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes	6.3 262 Unk 1 0	6.0 328 Unk 0 0	6.0 349 Unk 0 0	6.0 221 Unk 0 0	6.0 43 Unk 0 0	6.0 190 Unk 0 0	8.0 360 Unk 0 0	8.0 234 Unk 0 0	7.9 467 Unk 0 0	7.2 241 Unk 1 0	7.0 303 Unk 0 0	7.0 553 Unk 0 0	6.8 3551 Unk 2 0

RVN OPERATIONAL SUMMARY 1966

MODEL		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUA TOTAL
JOV-1C	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes													
OV-1A	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes	6.0 389 75% 0 0	5.2 144 34% 1 0	9.5 508 69% 1 0	11.4 561 70% 2 0	11.0 696 81% 0 0	11.0 845 87% 0 0	11.0 829 78% 0 0	11.0 734 70% 0 0	11.0 776 84% 0 0	10.4 576 62% 1 1	8.6 539 71% 1 0	7.6 544 71% 1 0	4 714 71% 7 1
OV-1B	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes	11.0 699 75% 0 0	10.0 746 79% 0 0	10.0 825 79% 0 0	10.0 891 82% 0 0	10.0 810 92% 0 0	12.0 925 85% 0 0	12.2 1021 81% 0 0	19.0 1281 92% 0 0	18.9 1432 88% 1 0	18.0 1220 87% 0 0	18.0 1104 86% 0 0	18.0 1148 82% 0 0	13.7 12102 84% 1 0
OV-1C	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes	10.3 653 84% 1 0	10.0 546 89% 0 0	10.0 621 63% 0 0	10.0 493 67% 0 0	10.0 608 88% 0 0	10.0 781 83% 0 0	10.4 692 31% 1 0	10.0 633 70% 0 0	12.0 669 62% 0 0	12.0 727 79% 0 0	12.0 849 91% 0 0	12.0 894 79% 0 0	10.7 8166 78% 2 0
Total	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes	27.3 1741 78% 1 0	25.2 1436 67% 1 0	29.5 1954 70% 1 0	31.4 1945 73% 2 0	31.0 2114 87% 0 0	33.0 2551 86% 0 0	33.6 2542 80% 0 1	40.0 2648 77% 0 0	41.9 2877 78% 1 0	40.4 2523 76% 1 1	38.6 2492 82% 1 0	37.6 2586 77% 1 0	34.0 21709 77% 10 1

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RVN OPERATIONAL SUMMARY 1965

MODEL		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL TOTAL
JOV-1C	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes.	1.0 82 99% 0 0	1.0 34 89% 0 0	1.0 48 Unk 0 0	0.3 16 Unk 0 0	8.0 561 89% 0 0	8.0 569 82% 0 0	7.1 459 81% 1 0	7.0 581 80% 0 0	7.0 492 81% 0 0	7.0 499 79% 0 0	7.0 422 71% 0 0	6.7 252 61% 1 0	7.2 5470 Incomp. 0 0
OV-1A	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes	6.0 247 71% 0 0	7.0 355 76% 0 0	8.0 458 Unk 0 0	7.9 575 Unk 0 0	8.0 561 89% 0 0	8.0 569 82% 0 0	7.1 459 81% 1 0	7.0 581 80% 0 0	7.0 492 81% 0 0	7.0 499 79% 0 0	7.0 422 71% 0 0	6.7 252 61% 1 0	7.2 5470 Incomp. 2 0
OV-1B	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes	2.0 84 93% 0 0	2.0 95 47% 0 0	2.0 95 Unk 0 0	2.0 109 Unk 0 0	2.0 124 94% 0 0	2.0 148 97% 0 0	2.0 180 90% 0 0	2.0 150 83% 0 0	4.0 224 Unk 0 0	5.0 378 90% 0 0	5.0 387 Unk 0 0	9.0 582 76% 0 0	3.2 2556 Incomp. 0 0
OV-1C	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes	4.0 180 97% 0 0	4.0 152 95% 0 0	4.0 164 Unk 0 0	4.0 263 Unk 0 0	4.0 215 91% 0 0	3.3 163 70% 1 0	3.0 175 91% 0 0	3.0 182 99% 0 0	5.0 251 Unk 0 0	6.0 444 92% 0 0	6.0 406 Unk 0 0	11.0 506 80% 0 0	3.8 3101 Incomp. 1 0
Total	No. Assigned Hours Flown Availability Combat Strikes Non-Combat Strikes	13.0 593 90% 0 0	14.0 636 76% 0 0	15.0 765 Unk 0 0	14.2 963 Unk 0 0	14.0 900 91% 0 0	13.3 880 83% 1 0	12.1 814 87% 1 0	12.0 913 87% 0 0	16.0 967 Incompl. 0 0	18.0 1321 87% 0 0	18.0 1215 Incompl. 0 0	26.7 1340 72% 1 0	15.9 11307 Incomp. 3 0