

FACT SHEET

AVDAAO

2 May 1972

SUBJECT: Performance and Vulnerability Data

PURPOSE: To update the command group of the performance and vulnerability data submitted to HQ USARV-ATTN-OPT for the period 22-30 April 1972.

FACTS: 1. In response to a request from LTC Varner, USARV-AVN-Operations Branch for performance and vulnerability data to be forwarded by back-channel message to BG Maddox, Director of Army Aviation, OACSFOR, DA. The following information was submitted for the period 22-30 April 1972, in support of Trac.

PERFORMANCE DATA

A. Mission Design Series	AH-1G	UH-1H	OH-6A	CH-47
B. Hours Flown	643.4	216.4	151.1	0
C. Sorties Flown	888	328	185	0
D1. Number Pax Carried	0	334	46	0
D2. Number Patients Carried	0	0	0	0
E. Tons Cargo Hauled	0	0.4	0	0
F. Number Rounds 7.62 Expended	32,139	200	650	0
G. Number 2.75 Inch Rockets Expended	8,881	0	0	0
H. Number Rounds 20MM Expended	1,500	0	0	0
I. Number Rounds 40MM Extended	5,593	0	0	0
J. Enemy Killed by Aircraft	86	0	0	0
K. Structures Damaged by Aircraft	13	0	0	0
L. Structures Destroyed by Aircraft	15	0	0	0

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SUBJECT: Performance and Vulnerability Data

M. Tanks Damaged by Aircraft	1	0	0	0
N. Tanks Destroyed by Aircraft	0	0	0	0
O. Trucks Damaged by Aircraft	0	0	0	0
P. Trucks Destroyed by Aircraft	4	0	0	0

2. Vulnerability Data: This data was submitted using the following format:

A. Mission Design, Series

B. Unit Identification Code - Standard 6 digit UIC less the first and last characters.

C. Aircraft Serial Number

D. Julian Date

E. Time (Hotel)

F. Mission Function Codes:

(1) AVR	Armed visual reconnaissance
(2) VR	Visual reconnaissance
(3) CC	Command and control
(4) MED	Medical evacuation
(5) AH	Armed helicopter
(6) RCVY	Recovery
(7) AES	Armed escort
(8) IR	Infra-red
(9) EX	Troop extraction
(10) AJ	Artillery adjustment
(11) FAC	Forward air controller

SUBJECT: Performance and Vulnerability Data

M. Tanks Damaged by Aircraft	1	0	0	0
N. Tanks Destroyed by Aircraft	0	0	0	0
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SUBJECT: Performance and Vulnerability Data

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|------|------|------------------------------------|
| (12) | CCGO | Combat cargo |
| (13) | CTC | Combat troop carrier |
| (14) | LOTC | Logistical troop carrier |
| (15) | LOGO | Logistics cargo |
| (16) | AL | Administrative liaison |
| (17) | TNG | Training |
| (18) | SAR | Search and rescue |
| (19) | SMK | Smoke |
| (20) | PKD | Parking in an unprotected location |
| (21) | PKDR | Parking in a revetment of shelter |
| (22) | PSY | Psychological warfare |
| (23) | PHTO | Aerial photography |
| (24) | MNT | Maintenance flight |
| (25) | SIR | Side Looking Radar |

G. Flight Phase

- (1) EH - Enroute high (1500 feet above the terrain or higher)
- (2) EL - Enroute low (less than 1500 feet above the terrain)
- (3) TO - Take off
- (4) HO - Hovering
- (5) LD - Landing
- (6) OG - On ground in LZ or PZ
- (7) OR - Orbiting
- (8) TA - Target attack
- (9) TW - Target withdrawl

SUBJECT: Performance and Vulnerability Data

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SUBJECT: Performance and Vulnerability Data

H. Type Damage

- (1) A - Incident damage (AR 385-40)
- (2) B - Minor damage (AR 385-40)
- (3) C - Major damage (AR 385-40)
- (4) L - Loss

I. Cause

- (1) AAA - Antiaircraft artillery (20mm and over)
- (2) ART - Artillery
- (3) DPC - Destroyed to prevent capture
- (4) DSL - Dropped sling load
- (5) EXP - Explosion of friendly ordnance
- (6) FLA - Flame thrower
- (7) GDE - Grenade and RPG
- (8) GNL - Ground fire less than 50 cal in size
- (9) GNH - Ground fire 50 cal to 20mm in size
- (10) LM - Land mine
- (11) LZO - ~~Enemy~~ emplaced landing zone obstacles
- (12) MAC - Mid-air collision
- (13) MTR - Mortar
- (14) NAP - Napalm
- (15) NGF - Naval gunfire
- (16) OTH - Other (must be explained in remarks)

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SUBJECT: Performance and Vulnerability Data

(18) RR - Recoilless rifle

(19) SAM - Surface-to-air-missile

(20) SCH - Satchel Charge

(21) STM - Storm

(22) MIF - Missing in flight

J. Altitude - in feet above terrain

K. Air speed

L. Number of hits

M. Shot down

(1) Y - yes

(2) N - no

N. Recovered

(1) Y - yes

(2) N - no

O. Number of crew members killed

P. Number of crew members missing

Q. Number of crew members wounded

R. Number of passengers killed

S. Number of passengers missing

T. Number of passengers wounded

U. Grid coordinates

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SUBJECT: Performance and Vulnerability Data

3. Vulnerability Data Submitted:

A. JUB-1E

B. AAXT

C. 69-15665

D. 2114

E. 1600

F. RRU

G. EH

H. A

I. GNL

J. 4500

K. 80 KTs

L. 1

M. N

N. Y

O. 0

P. 0

Q. 0

R. 0

S. 0

T. 0

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E. 1600

F. RRU

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H. A

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J. 4500

K. 80 KTs

L. 1

M. N

N. Y

O. 0

P. 0

Q. 0

R. 0

S. 0

T. 6

SUBJECT: Performance and Vulnerability Data

4. Additional information required by the Joint Chief's of Staff regarding AH-1G helicopters was requested by USARV MSG OR 152001 APR 72. This information is provided daily by telephone to the USARV Aviation Data Analysis Center. The following data has been submitted for the period indicated:

	<u>AH-1Gs</u> <u>ASSIGNED</u>	<u>AH-1Gs</u> <u>MISSION READY</u>	<u>AH-1Gs</u> <u>COMMITTED</u>	<u>SORTIES</u> <u>FLOWN</u>	<u>HOURS</u> <u>FLOWN</u>
22 April	33	24	18	105	74.4
23 April	34	26	18	135	84.9
24 April	34	25	19	59	56.5
25 April	34	25	18	134	97.8
26 April	34	25	19	119	81.7
27 April	34	25	18	85	100.3
28 April	34	28	16	61	113.4
29 April	34	26	18	91	80
30 April	34	28	17	89	79.9

SUBMITTED BY:

ABAO

Project Officer: CPT ELDRIDGE, BH 3033



D.L. FUNK
MAJ, ARMOR
ABAO

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E. Time (Htel)

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SUBJECT: Performance and Vulnerability Data

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J. Altitude - in feet above terrain

K. Air speed

L. Number of hits

M. Shot down

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C. 69-15665

D. 2114

E. 1600

F. RRU

G. EH

H. A

I. GNL

J. 4500

K. 80 KTs

L. 1

M. N

N. Y

O. 0

P. 0

Q. 0

R. 0

S. 0

T. 0

U. XT765645

SUBJECT: Performance and Vulnerability Data

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|-----------|------------------------------------|
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- K. Air speed
- L. Number of hits
- M. Shot down
 - (1) Y - yes
 - (2) N - no
- N. Recovered
 - (1) Y - yes
 - (2) N - no
- Q. Number of crew members killed
- F. Number of crew members missing
- Q. Number of crew members wounded
- R. Number of passengers killed
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- U. Grid coordinates

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- A. JUH-1H
- B. AAXT
- C. 69-15665
- D. 2114
- E. 1600
- F. RRU
- G. EH
- H. A
- I. GNL
- J. 4500
- K. 80 KTs
- L. 1
- M. N
- N. Y
- O. 0
- P. 0
- Q. 0
- R. 0
- S. 0
- T. 0
- U. XT765645

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