

~~CONFIDENTIAL~~

FACT SHEET

24 Jan 72

ABVAGC

PREPARED FOR: Commanding General

SUBJECT: NESTOR Equipment

1.(U) PURPOSE. To provide information on NESTOR equipment within the 1st Aviation Brigade.

2.(C) BACKGROUND. a. NESTOR is the mythological designator associated with speech security equipment. It is not part of the TSEC nomenclature and is not a classified code word.

b. There are three major components of NESTOR equipment in the 1st Aviation Brigade:

- (1) TSEC/KY-8 for vehicular employment.
- (2) TSEC/KY-28 for airborne employment.
- (3) TSEC/KY-38 for portable-pack employment.

c. MACV Dir 105-31, 26 Oct 71 (C) governs the implementation and utilization of NESTOR resources.

d. USARV//AVHACS//msg 050415Z Jan 72, par 3 (C) indicates that advisory teams are equipped with NESTOR equipment, therefore making air/ground compatibility available.

e. Tactical operation centers (TOC) within the 1st Aviation Brigade are equipped and have NESTOR capability.

f. A NESTOR status report is submitted monthly by each CAG to the 1st Aviation Brigade Signal Officer.

g. Training requirements have been directed by:

(1) 1st Ind USARV//AVHDO-SP to Ltr, Subj: DEADLY TRANSMISSIONS, 5 APR 71, CINCUSARPAC//GPIN-SM//.

(2) Msg CG USARV//AVHCS//050415Z Jan 72 (C).

h. Analysis of NESTOR equipment for the 1st Aviation Brigade as of 1 January 1972.

DOWNGRADED AT 3 YEAR INTERVALS;
DECLASSIFIED AFTER 12 YEARS.
DDO DIR 5200.10

~~CONFIDENTIAL~~

AVN 6126

Cdr 1st Avn Bde
1978

G-3 FILE COPY
LTC GIESE
COL KARK
COL TODD

1001-02
from
DTS

~~CONFIDENTIAL~~

AVBAGC
SUBJECT: NESTOR Equipment

24 Jan 72

1st AVIATION BRIGADE

<u>STATUS</u>	<u>KY-8</u>	<u>KY-28</u>	<u>KY-38</u>
On hand	129	935	118
Operational	74	595	51
Spares	50	281	59
Awaiting installation	5	59	8
Percent Operational	57%	63%	43%

11th CAG

<u>STATUS</u>	<u>KY-8</u>	<u>KY-28</u>	<u>KY-38</u>
On hand	14	135	9
Operational	7	81	4
Spares	4	22	4
Awaiting installation	3	32	1
Percent operational	21%	60%	44%

12th CAG

<u>STATUS</u>	<u>KY-8</u>	<u>KY-28</u>	<u>KY-38</u>
On hand	59	312	39
Operational	39	230	13
Spares	20	82	26
Awaiting installation	0	0	0
Percent operational	65%	73%	33%

17th CAG

<u>STATUS</u>	<u>KY-8</u>	<u>KY-28</u>	<u>KY-38</u>
On hand	33	336	56
Operational	22	223	29
Spares	9	86	21
Awaiting installation	2	27	6
Percent operational	67%	66%	52%

164th CAG

<u>STATUS</u>	<u>KY-8</u>	<u>KY-28</u>	<u>KY-38</u>
On hand	23	152	14

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

24 Jan 72

AVBAGC
SUBJECT: NESTOR Equipment

<u>STATUS</u>	<u>KY-8</u>	<u>KY-28</u>	<u>KY-38</u>
Operational	6	61	5
Spares	17	91	8
Awaiting installation	0	0	1
Percent operational	13%	40%	36%

34th GSG

No NESTOR equipment in inventory.

1. Analysis of USARV aircraft provisioned for NESTOR equipment now installed:

<u>AIRCRAFT</u>	<u>STATUS</u>
O-1	All provisioned Phase I.
U-6	Three provisioned Phase I, no more planned.
RU-6	All provisioned Phase I.
U-21	All provisioned Phase I.
RU-21	All provisioned Phase I.
U8-F	All provisioned Phase I.
OV-1	Phase I prototype not complete for AB&C models. OV-1D arrived not provisioned. No kits in country. No schedule for delivery of kits. Phase II status unknown, checking.
AH-1G	None provisioned Phase I. Thirty-one provisioned Phase II, 300 kits on hand. Tail rotor MWO created problems on 1968 models. 95% provisioned both Phase I and II.
UH-1	Phase I incorporated in SN 70-15200 and subsequent. These models only require installation of Control Head C-8157 and Mount MT-38022. Ninety-nine control heads and mounts were issued by tail number for installation.
OH-58	All provisioned Phase I.
CH-47	All provisioned Phase I.

NOTE: Phase I - Provisioning for secure voice (FM)
Phase II - IFF capability on APX-72
Phase III - Installation ARC-134 (FM)

3. COORDINATION.

_____ 1st Aviation Brigade G-4
_____ 1st Aviation Brigade Signal Officer

PREPARED BY: G-3, Standardization and Training
PROJECT OFFICER: Jimmy W. Stinebaugh, MAJ, FA

~~CONFIDENTIAL~~