

PILT.467542.002 (Cockpit Voice Recorder Unit)

1. Nomenclature/ Part No/ GIG No. - **PILT.467542.002 / Cockpit Voice Recorder Unit / 1446197**

2. Year of Procurement/ Source. – 07 Mar 2016/ AviazapchastPlc

3. Fleet/ Sub System/Wpn System. –**Mi-17V5 / PILT.467542.002**

4. Technical Applicability/ Broad Purpose. **TO CONNECT THE CVR AND HEADSET TO CHECK THE VOICE RECORDING SECVICIABLITY DURING DI (DAILY INSPECTION)**

5. Technical Specifications (attach as separate sheets)

(a)	Record frequencies range :	300–3400 Hz
(b)	Record time on all channels	Last 8 hrs
(c)	Power Supply :	27 DC
(d)	Power consumed from the helicopter electrical system (I) In operation mode (II) In the heating mode temperature below- 40 °C	15 W 85W
(e)	The recorder warm-up time: (i) At the ambient temperature not below minus 35 °C : (II)At the ambient temperature below minus 35 °C :	2 Min 15 Min
(f)	Operating temperature range :	-60 °C to +55 °C
(g)	Limit temperature range : -	60 °C to +70 °C
(h)	Linear oscillation for 6.5 m seconds :	3400 g
(j)	Temperature limit for recording media for 30 min :	1100 °C
(k)	Protection from sea water in 6000 Mtr depth :	01 days
(l)	Number of Channels provided by manufacturer	5
(m)	Number of Channels used in MI-17 V5 H/C :	2 (Channel 1 & 3)
(n)	Number of Microcircuits of PMM or SMM :	16 (0-15)
(o)	Recording capacity:	1 GB
(p)	Recording Duration	: 8 Hrs

6. Publication Details (attach as separate sheets).

Maintenance Guide cockpit voice recorder P-507M

7. Photograph of Equipment.



8. Brief Description. **TO CONNECT THE CVR AND HEADSET TO CHECK THE VOICE RECORDING SECVICIABLITY DURING DI (DAILY INSPECTION)**
9. Classification of Equipment- LRU/Testers/ Ground Equipment/ Role Equipment (Electrical, Electronics, Mechanical, Software based etc.). **LRU/ Electronics**
10. Previous Repair History- **OEM Supplied**
11. Criticality (Priority I, II or III). -I
12. Requirement: Repair or Indigenisation or both? **–Indigenisation**
13. Quantity Required (One time/ Annual). Annual
14. Sample Availability. NIL
15. Scale/ Deficiency. **–rotable used in MI-17 V5 HPTER**
16. If deficient - How deficiency is being plugged? **–N/A**
17. SPOC details item/ fleet wise. **SPE (IDS)**
18. Draft QTS with major testing requirement (If already designed) **–Not Applicable**
19. Any Other Relevant Information. **No**