

**GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
RESEARCH AND DEVELOPMENT ORGANISATION
DIRECTORATE OF AERONAUTICS**

TYPE APPROVAL No : 165

ISSUED TO : DEFENCE RESEARCH LABORATORY (MATERIAL),
PB NO. 320, KANPUR-208 004

FOR : GLUE CLR-33.5 (SUBSTITUTE FOR RUSSIAN
GLUE AK-20)

CO-ORDINATED BY : CRE (KANPUR)

This is to certify that the above mentioned Glue CLR-33.5 developed by DRL(M) Kanpur has been subjected to tests stipulated by the Directorate of Aeronautics, New Delhi and has been found suitable as a substitute to Russian Glue AK-20. The Glue is suitable for :-

- (i) Covering helicopter MI-4 tail rotor blades/propellers with fabric (Madapolam)
- (ii) Repair of these blades, like filling deep cavities, replacement of peeled off/sheared off fabric, dents and nicks.
- (iii) Fixing of cork powder on the floor of helicopter MI-4

DRL(M) is hereby approved to manufacture and supply the above store for Aeronautical purposes as per specification placed at Appendix 'A'.

- 2. The Shelf life of the subject store is 9 months.
- 3. The Type Approval number as above must be quoted in all relevant documents.
- 4. This approval is contingent upon the quality control aspects of the bulk-production being cleared by the Directorate of Technical Development and Production (Air), Ministry of Defence.
- 5. Prior consent of this Directorate will have to be obtained if this type-approval is to be transferred to any other agency or if changes in the type record are effected.

Encl : Appendix 'A'

No. : AERO/RD-132/138/8

Date : 02 Feb 76



(VIVEK R. SINHA)
Director of Aeronautics