

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

**TYPE APPROVAL No : 452**

**ISSUED TO** : M/s HINDUSTAN AERONAUTICS LIMITED  
(LUCKNOW DIVISION)  
LUCKNOW - 226016

**FOR** : SOLENOID VALVE PT No. 143000000

**CO-ORDINATED BY** : RCMA (LUCKNOW)

This is to certify that Solenoid Valve Pt No.143000000 designed and developed by M/s Hindustan Aeronautics Limited,Lucknow Division ,Lucknow has been tested according to the tests outlined by the Directorate of Aeronautics and has been found suitable for aircraft use subject to limitations detailed in the type record placed at appendix 'A' to this letter.

2. The approval serial number quoted above must be reflected in all relevant drawings, contracts and release notes.
3. This approval is contingent upon the quality control aspects of bulk production being cleared by DTD&P(Air),Ministry of Defence, New Delhi.
4. Prior agreement of this Directorate will have to be obtained, if this approval is to be transferred to any other agency or if changes within the Type Record enclosed are effected.

Encl : Appendix 'A'  
No. : AERO/RD-125/140/69  
Date : 15 Mar. 1984

  
(S.C.GUPTA)  
Air Cmde  
Director of Aeronautics