

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

TYPE APPROVAL No : 31

ISSUED TO : M/s HINDUSTAN AERONAUTICS LIMITED
ENGINE DIVISION
BANGALORE

FOR : PHASE II EXTENSION 1 DART Mk 531 ENGINE


CO-ORDINATED BY : CRE (ENGINES)

This is to certify that Dart Mk 531 engine Sl.No.H 54034 manufactured by Aero-Engine Division of HAL has satisfactorily completed a Special Category Test as per report No. EO/102-B/993/69 dated 18th September 1969 and meets the standards regarding materials, specifications, construction and performance for safe operation on aircraft.

2. The engine Sl.No.H 54034 represents phase II Extension 1 production. The details of HAL manufactured components installed on the subject engine are placed at Appendix 'A'. The Aero-Engine Division, HAL is hereby approved for the manufacture of phase II extension 1 Dart Mk. 531 engines.

3. This approval is contingent upon the quality control aspects of production being cleared by DTD&P(Air), Ministry of Defence, New Delhi.

Encl : Appendix 'A'
No : Aero/5400/33/69
Date : 22 Jan 1970


Gp Capt
(HN KRISHNAMURTHY)
Director of Aeronautics